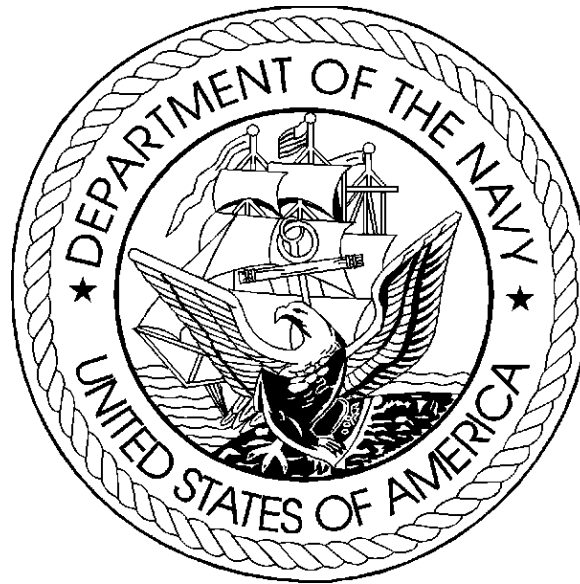


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**Department of Defense
Fiscal Year (FY) 2014 President's Budget Submission**

April 2013



Navy

Justification Book Volume 2 of 4

Aircraft Procurement, Navy

Budget Activity 05

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Navy • President's Budget Submission FY 2014 • Procurement

Table of Volumes

Navy..... Volume 1

Navy..... Volume 2

Navy..... Volume 3

Navy..... Volume 4

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Volume 2 Table of Contents

Introduction and Explanation of Contents.....	Volume 2 - v
Comptroller Exhibit P-1.....	Volume 2 - vii
Master Line Item Table of Contents (by Appropriation then Line Number).....	Volume 2 - xxv
Master Line Item Table of Contents (Alphabetically by Line Item Title).....	Volume 2 - xxxi
Line Item Table of Contents (by Appropriation then Line Number).....	Volume 2 - xxxv
Line Item Table of Contents (Alphabetically by Line Item Title).....	Volume 2 - xxxix
Master Exhibit P-1.....	Volume 2 - xli
Exhibit P-1.....	Volume 2 - li
Exhibit P-40's.....	Volume 2 - 1

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Department of Defense Appropriations Act, 2014

Aircraft Procurement, Navy

For construction, procurement, production, modification, and modernization of aircraft, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment; expansion of public and private plants, including the land necessary therefore, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, \$17,927,651,000, to remain available for obligation until September 30, 2016.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
Aircraft Procurement, Navy	18,112,451	17,705,432	164,582		17,870,014
Total Department of the Navy	18,112,451	17,705,432	164,582		17,870,014

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation -----	FY 2014 Base -----
Aircraft Procurement, Navy	17,927,651
Total Department of the Navy	17,927,651

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: Aircraft Procurement, Navy

Budget Activity -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
01. Combat Aircraft	13,857,702	12,952,473	29,800		12,982,273
03. Trainer Aircraft	234,900	278,884			278,884
04. Other Aircraft	279,274	211,285			211,285
05. Modification of Aircraft	2,088,578	2,028,762	132,402		2,161,164
06. Aircraft Spares and Repair Parts	1,201,219	1,166,430			1,166,430
07. Aircraft Support Equip & Facilities	450,778	491,462	2,380		493,842
20. Undistributed		576,136			576,136
Total Aircraft Procurement, Navy	18,112,451	17,705,432	164,582		17,870,014

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: Aircraft Procurement, Navy

Budget Activity -----	FY 2014 Base -----
01. Combat Aircraft	13,136,712
03. Trainer Aircraft	249,080
04. Other Aircraft	294,586
05. Modification of Aircraft	2,571,039
06. Aircraft Spares and Repair Parts	1,142,461
07. Aircraft Support Equip & Facilities	533,773
20. Undistributed	
Total Aircraft Procurement, Navy	17,927,651

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

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Volume 2 - x

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
Budget Activity 01: Combat Aircraft								

Combat Aircraft								
1	EA-18G	B	12 (1,025,258)	12 (1,055,562)			12 (1,055,562)	U
	Less: Advance Procurement (PY)		(-35,681)	(-28,119)			(-28,119)	U
			-----	-----	-----	-----	-----	
			989,577	1,027,443			1,027,443	
2	EA-18G							
	Advance Procurement (CY)		28,119					U
3	F/A-18E/F (Fighter) Hornet	A	28 (2,239,022)	26 (2,098,393)			26 (2,098,393)	U
	Less: Advance Procurement (PY)		(-1,522)	(-63,262)			(-63,262)	U
			-----	-----	-----	-----	-----	
			2,237,500	2,035,131			2,035,131	
4	F/A-18E/F (Fighter) Hornet							
	Advance Procurement (CY)		63,262	30,296			30,296	U
5	Joint Strike Fighter CV	A	7 (1,656,382)	4 (1,116,698)			4 (1,116,698)	U
	Less: Advance Procurement (PY)		(-209,285)	(-109,066)			(-109,066)	U
			-----	-----	-----	-----	-----	
			1,447,097	1,007,632			1,007,632	
6	Joint Strike Fighter CV							
	Advance Procurement (CY)		109,066	65,180			65,180	U
7	JSF STOVL		6 (1,426,589)	6 (1,521,966)			6 (1,521,966)	U
	Less: Advance Procurement (PY)		(-284,683)	(-117,229)			(-117,229)	U
			-----	-----	-----	-----	-----	
			1,141,906	1,404,737			1,404,737	
8	JSF STOVL							
	Advance Procurement (CY)		117,229	106,199			106,199	U

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

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Volume 2 - xi

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	Quantity	FY 2014 Base Cost	S e c
----	-----	----	-----	-----	-
Budget Activity 01: Combat Aircraft					

Combat Aircraft					
1	EA-18G	B	21	(2,001,787)	U
	Less: Advance Procurement (PY)				U

				2,001,787	
2	EA-18G				U
	Advance Procurement (CY)				
3	F/A-18E/F (Fighter) Hornet	A		(236,847)	U
	Less: Advance Procurement (PY)			(-30,296)	U

				206,551	
4	F/A-18E/F (Fighter) Hornet				U
	Advance Procurement (CY)				
5	Joint Strike Fighter CV	A	4	(1,200,624)	U
	Less: Advance Procurement (PY)			(-65,180)	U

				1,135,444	
6	Joint Strike Fighter CV				U
	Advance Procurement (CY)			94,766	
7	JSF STOVL		6	(1,373,459)	U
	Less: Advance Procurement (PY)			(-106,199)	U

				1,267,260	
8	JSF STOVL				U
	Advance Procurement (CY)			103,195	

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
9	V-22 (Medium Lift)		30 (2,338,124)	17 (1,366,888)			17 (1,366,888)	U
	Less: Advance Procurement (PY)		(-136,059)	(-63,768)			(-63,768)	U
			2,202,065	1,303,120			1,303,120	
10	V-22 (Medium Lift)							
	Advance Procurement (CY)		63,768	154,202			154,202	U
11	H-1 Upgrades (UH-1Y/AH-1Z)	A	25 (741,446)	27 (777,683)	1 (29,800)		28 (807,483)	U
	Less: Advance Procurement (PY)		(-58,225)	(-56,750)			(-56,750)	U
			683,221	720,933	29,800		750,733	
12	H-1 Upgrades (UH-1Y/AH-1Z)							
	Advance Procurement (CY)		56,750	69,658			69,658	U
13	MH-60S (MYP)	A	18 (456,390)	18 (449,894)			18 (449,894)	U
	Less: Advance Procurement (PY)		(-71,433)	(-65,102)			(-65,102)	U
			384,957	384,792			384,792	
14	MH-60S (MYP)							
	Advance Procurement (CY)		77,943	69,277			69,277	U
15	MH-60R (MYP)	A	24 (921,436)	19 (786,785)			19 (786,785)	U
	Less: Advance Procurement (PY)		(-146,618)	(-129,919)			(-129,919)	U
			774,818	656,866			656,866	
16	MH-60R (MYP)							
	Advance Procurement (CY)		181,920	185,896			185,896	U

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

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Department of the Navy
 FY 2014 President's Budget
 Exhibit P-1 FY 2014 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c t o r C o d e
----	-----	-----	-----	-----
9	V-22 (Medium Lift)		18 (1,503,094)	U
	Less: Advance Procurement (PY)		(-70,521)	U

			1,432,573	
10	V-22 (Medium Lift)			
	Advance Procurement (CY)		55,196	U
11	H-1 Upgrades (UH-1Y/AH-1Z)	A	25 (819,620)	U
	Less: Advance Procurement (PY)		(-69,658)	U

			749,962	
12	H-1 Upgrades (UH-1Y/AH-1Z)			
	Advance Procurement (CY)		71,000	U
13	MH-60S (MYP)	A	18 (456,950)	U
	Less: Advance Procurement (PY)		(-73,119)	U

			383,831	
14	MH-60S (MYP)			
	Advance Procurement (CY)		37,278	U
15	MH-60R (MYP)	A	19 (763,299)	U
	Less: Advance Procurement (PY)		(-164,062)	U

			599,237	
16	MH-60R (MYP)			
	Advance Procurement (CY)		231,834	U

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
17	P-8A Poseidon	A	11 (2,175,606)	13 (2,665,649)			13 (2,665,649)	U
	Less: Advance Procurement (PY)		(-166,809)	(-244,894)			(-244,894)	U
			2,008,797	2,420,755			2,420,755	
18	P-8A Poseidon							
	Advance Procurement (CY)		244,894	325,679			325,679	U
19	E-2D Adv Hawkeye	A	5 (1,004,812)	5 (1,019,440)			5 (1,019,440)	U
	Less: Advance Procurement (PY)		(-117,941)	(-157,942)			(-157,942)	U
			886,871	861,498			861,498	
20	E-2D Adv Hawkeye							
	Advance Procurement (CY)		157,942	123,179			123,179	U
	Total Combat Aircraft		13,857,702	12,952,473	29,800		12,982,273	
Budget Activity 03: Trainer Aircraft								

Trainer Aircraft								
21	JPATS	A	36 234,900	33 278,884			33 278,884	U
	Total Trainer Aircraft		234,900	278,884			278,884	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

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Department of the Navy
 FY 2014 President's Budget
 Exhibit P-1 FY 2014 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c t o r C o s t
----	-----	-----	-----	-----
17	P-8A Poseidon	A	16 (3,515,668)	U
	Less: Advance Procurement (PY)		(-325,679)	U

			3,189,989	
18	P-8A Poseidon			
	Advance Procurement (CY)		313,160	U
19	E-2D Adv Hawkeye	A	5 (1,120,286)	U
	Less: Advance Procurement (PY)		(-123,179)	U

			997,107	
20	E-2D Adv Hawkeye			
	Advance Procurement (CY)		266,542	U

	Total Combat Aircraft		13,136,712	
Budget Activity 03: Trainer Aircraft				

Trainer Aircraft				
21	JPATS	A	29 249,080	U

	Total Trainer Aircraft		249,080	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity	Cost	FY 2013 Base Request with CR Adj* Quantity	Cost	FY 2013 OCO Request with CR Adj* Quantity	Cost	Emergency Disaster Relief Act of 2013 Quantity	Cost	FY 2013 Total Request with CR Adj* Quantity	Cost	S e c
Budget Activity 04: Other Aircraft													

Other Aircraft													
22	KC-130J	A	1	(87,288)		(3,000)						(3,000)	U
	Less: Advance Procurement (PY)												U
				-----		-----		-----		-----		-----	
				87,288		3,000						3,000	
23	KC-130J												
	Advance Procurement (CY)					22,995						22,995	U
24	RQ-4 UAV	A											U
	Less: Advance Procurement (PY)												U
				-----		-----		-----		-----		-----	
25	RQ-4 UAV												
	Advance Procurement (CY)					51,124						51,124	U
26	MQ-8 UAV	B	10	191,986	6	124,573					6	124,573	U
27	STUASL0 UAV				5	9,593					5	9,593	U
28	Other Support Aircraft												U
				-----		-----		-----		-----		-----	
Total Other Aircraft				279,274		211,285						211,285	
Budget Activity 05: Modification of Aircraft													

Modification of Aircraft													
29	EA-6 Series	A		22,529		30,062						30,062	U
30	AEA Systems			82,365		49,999						49,999	U

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Department of the Navy
 FY 2014 President's Budget
 Exhibit P-1 FY 2014 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	Quantity	FY 2014 Base Cost	S e c
----	-----	----	-----	-----	-
Budget Activity 04: Other Aircraft					

Other Aircraft					
22	KC-130J	A	2	(157,353)	U
	Less: Advance Procurement (PY)			(-22,995)	U

				134,358	
23	KC-130J				
	Advance Procurement (CY)			32,288	U
24	RQ-4 UAV	A		(51,124)	U
	Less: Advance Procurement (PY)			(-51,124)	U

25	RQ-4 UAV				
	Advance Procurement (CY)			52,002	U
26	MQ-8 UAV	B	1	60,980	U
27	STUASL0 UAV				U
28	Other Support Aircraft		1	14,958	U

Total Other Aircraft				294,586	
Budget Activity 05: Modification of Aircraft					

Modification of Aircraft					
29	EA-6 Series	A		18,577	U
30	AEA Systems			48,502	U

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
31	AV-8 Series	A	98,233	38,703	42,238		80,941	U
32	Adversary	A		4,289			4,289	U
33	F-18 Series	A	454,900	647,306	41,243		688,549	U
34	H-46 Series	A	21,584	2,343			2,343	U
35	AH-1W Series	A	64,494	8,721			8,721	U
36	H-53 Series	A	117,374	45,567	15,870		61,437	U
37	SH-60 Series	A	96,505	83,527			83,527	U
38	H-1 Series	A	8,329	6,508			6,508	U
39	EP-3 Series	A	94,481	66,374	13,030		79,404	U
40	P-3 Series	A	170,354	148,405			148,405	U
41	E-2 Series	A	29,131	16,322			16,322	U
42	Trainer A/C Series	A	18,290	34,284			34,284	U
43	C-2A	A	16,284	4,743			4,743	U
44	C-130 Series	A	71,302	60,302	16,737		77,039	U
45	FEWSG	A	1,773	670			670	U
46	Cargo/Transport A/C Series	A	33,743	26,311			26,311	U
47	E-6 Series	A	152,211	158,332			158,332	U
48	Executive Helicopters Series	A	77,511	58,163			58,163	U
49	Special Project Aircraft	A	22,232	12,421	2,714		15,135	U

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Department of the Navy
 FY 2014 President's Budget
 Exhibit P-1 FY 2014 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c t o r C o d e
----	-----	-----	-----	-----
31	AV-8 Series	A	41,575	U
32	Adversary	A	2,992	U
33	F-18 Series	A	875,371	U
34	H-46 Series	A	2,127	U
35	AH-1W Series	A		U
36	H-53 Series	A	67,675	U
37	SH-60 Series	A	135,054	U
38	H-1 Series	A	41,706	U
39	EP-3 Series	A	55,903	U
40	P-3 Series	A	37,436	U
41	E-2 Series	A	31,044	U
42	Trainer A/C Series	A	43,720	U
43	C-2A	A	902	U
44	C-130 Series	A	47,587	U
45	FEWSG	A	665	U
46	Cargo/Transport A/C Series	A	14,587	U
47	E-6 Series	A	189,312	U
48	Executive Helicopters Series	A	85,537	U
49	Special Project Aircraft	A	3,684	U

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c -
50	T-45 Series	A	46,732	64,488			64,488	U
51	Power Plant Changes	A	25,163	21,569			21,569	U
52	JPATS Series	A	524	1,552			1,552	U
53	Aviation Life Support Mods	A	987	2,473			2,473	U
54	Common ECM Equipment	A	93,872	114,690			114,690	U
55	Common Avionics Changes	A	150,660	96,183	570		96,753	U
56	Common Defensive Weapon System	A	3,300					U
57	ID Systems	A	32,030	39,846			39,846	U
58	P-8 Series			5,302			5,302	U
59	MAGTF EW for Aviation	A	489	34,127			34,127	U
60	MQ-8 Series							U
61	RQ-7 Series			49,324			49,324	U
62	V-22 (Tilt/Rotor ACFT) Osprey	B	81,196	95,856			95,856	U
63	F-35 STOVL Series	A						U
64	F-35 CV Series	A						U
Total Modification of Aircraft			2,088,578	2,028,762	132,402		2,161,164	

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Volume 2 - xxi

UNCLASSIFIED

Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c t o r C o s t
----	-----	-----	-----	-----
50	T-45 Series	A	98,128	U
51	Power Plant Changes	A	22,999	U
52	JPATS Series	A	1,576	U
53	Aviation Life Support Mods	A	6,267	U
54	Common ECM Equipment	A	141,685	U
55	Common Avionics Changes	A	120,660	U
56	Common Defensive Weapon System	A	3,554	U
57	ID Systems	A	41,800	U
58	P-8 Series		9,485	U
59	MAGTF EW for Aviation	A	14,431	U
60	MQ-8 Series		1,001	U
61	RQ-7 Series		26,433	U
62	V-22 (Tilt/Rotor ACFT) Osprey	B	160,834	U
63	F-35 STOVL Series	A	147,130	U
64	F-35 CV Series	A	31,100	U

Total Modification of Aircraft			2,571,039	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
Budget Activity 06: Aircraft Spares and Repair Parts								

Aircraft Spares and Repair Parts								
65	Spares and Repair Parts	A	1,201,219	1,166,430			1,166,430	U
Total Aircraft Spares and Repair Parts			1,201,219	1,166,430			1,166,430	
Budget Activity 07: Aircraft Support Equip & Facilities								

Aircraft Support Equip & Facilities								
66	Common Ground Equipment	A	365,309	387,195	2,380		389,575	U
67	Aircraft Industrial Facilities	A	20,488	23,469			23,469	U
68	War Consumables	A	27,300	43,383			43,383	U
69	Other Production Charges	A	14,224	3,399			3,399	U
70	Special Support Equipment	A	21,395	32,274			32,274	U
71	First Destination Transportation	A	2,062	1,742			1,742	U
Total Aircraft Support Equip & Facilities			450,778	491,462	2,380		493,842	
Budget Activity 20: Undistributed								

Undistributed								
72	Adj to Match Continuing Resolution	A		576,136			576,136	U
Total Undistributed				576,136			576,136	
Total Aircraft Procurement, Navy			18,112,451	17,705,432	164,582		17,870,014	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c -
Budget Activity 06: Aircraft Spares and Repair Parts				

Aircraft Spares and Repair Parts				
65	Spares and Repair Parts	A	1,142,461	U

Total Aircraft Spares and Repair Parts			1,142,461	
Budget Activity 07: Aircraft Support Equip & Facilities				

Aircraft Support Equip & Facilities				
66	Common Ground Equipment	A	410,044	U
67	Aircraft Industrial Facilities	A	27,450	U
68	War Consumables	A	28,930	U
69	Other Production Charges	A	5,268	U
70	Special Support Equipment	A	60,306	U
71	First Destination Transportation	A	1,775	U

Total Aircraft Support Equip & Facilities			533,773	
Budget Activity 20: Undistributed				

Undistributed				
72	Adj to Match Continuing Resolution	A		U

Total Undistributed				

Total Aircraft Procurement, Navy			17,927,651	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:32:00

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Navy • President's Budget Submission FY 2014 • Procurement

Master Line Item Table of Contents (by Appropriation then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
1	01	01	0143	EA-18G.....	Volume 1 - 1
2	01	01	0143C	EA-18G - Advanced Procurement.....	Volume 1 - 13
3	01	01	0145	FA-18E/F.....	Volume 1 - 17
4	01	01	0145C	FA-18E/F - Advanced Procurement.....	Volume 1 - 27
5	01	01	0147	Joint Strike Fighter CV.....	Volume 1 - 31
6	01	01	0147C	Joint Strike Fighter CV - Advanced Procurement.....	Volume 1 - 41
7	01	01	0152	JSF STOVL.....	Volume 1 - 45
8	01	01	0152C	JSF STOVL - Advanced Procurement.....	Volume 1 - 55
9	01	01	0164	V-22 (Medium Lift).....	Volume 1 - 59
10	01	01	0164C	V-22 (Medium Lift) - Advanced Procurement.....	Volume 1 - 75
11	01	01	0178	UH-1Y/AH-1Z.....	Volume 1 - 79
12	01	01	0178C	UH-1Y/AH-1Z - Advanced Procurement.....	Volume 1 - 99
13	01	01	0179	MH-60S (MYP).....	Volume 1 - 103
14	01	01	0179C	MH-60S (MYP) - Advanced Procurement.....	Volume 1 - 113
15	01	01	0182	MH-60R.....	Volume 1 - 119
16	01	01	0182C	MH-60R - Advanced Procurement.....	Volume 1 - 131

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
17	01	01	0193	P-8A Poseidon.....	Volume 1 - 137
18	01	01	0193C	P-8A Poseidon - Advanced Procurement.....	Volume 1 - 147
19	01	01	0195	E-2D AHE.....	Volume 1 - 151
20	01	01	0195C	E-2D AHE - Advanced Procurement.....	Volume 1 - 161

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
21	03	01	0339	JT Primary Acft Trnr Sys (JPATS).....	Volume 1 - 165

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
22	04	01	0416	KC-130J.....	Volume 1 - 175
23	04	01	0416C	KC-130J - Advanced Procurement.....	Volume 1 - 187
24	04	01	0442	RQ-4 UAV.....	Volume 1 - 191

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
25	04	01	0442C	RQ-4 UAV - Advanced Procurement.....	Volume 1 - 195
26	04	01	0443	MQ-8 UAV.....	Volume 1 - 199
27	04	01	0444	STUASLO.....	Volume 1 - 209
28	04	01	0465	Other Support Aircraft.....	Volume 1 - 219

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
29	05	01	0511	EA-6 Series.....	Volume 2 - 1
30	05	01	0513	AEA Systems.....	Volume 2 - 21
31	05	01	0514	AV-8 Series.....	Volume 2 - 39
32	05	01	0522	Adversary.....	Volume 2 - 75
33	05	01	0525	F-18 Series.....	Volume 2 - 83
34	05	01	0526	H-46 Series.....	Volume 2 - 251
35	05	01	0527	AH-1W Series.....	Volume 2 - 277
36	05	01	0528	H-53 Series.....	Volume 2 - 305
37	05	01	0530	SH-60 Series.....	Volume 2 - 381

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
38	05	01	0532	H-1 Series.....	Volume 2 - 447
39	05	01	0537	EP-3 Series.....	Volume 2 - 493
40	05	01	0538	P-3 Series.....	Volume 2 - 515
41	05	01	0544	E-2 Series.....	Volume 2 - 581
42	05	01	0549	Trainer Acft Series.....	Volume 2 - 649
43	05	01	0556	C-2A.....	Volume 2 - 667
44	05	01	0560	C-130 Series.....	Volume 2 - 685
45	05	01	0561	Flt Elect Wrfr Supt Grp (FEWSG).....	Volume 2 - 729
46	05	01	0562	Cargo/Transport Acft Series.....	Volume 2 - 735
47	05	01	0564	E-6 Series.....	Volume 2 - 777
48	05	01	0566	Executive Helicopters Series.....	Volume 2 - 845
49	05	01	0567	Special Project Acft.....	Volume 2 - 897
50	05	01	0569	T-45 Series.....	Volume 2 - 907
51	05	01	0570	Power Plant Changes.....	Volume 2 - 943
52	05	01	0571	JT Primary Acft Trnr Sys (JPATS)	Volume 2 - 951
53	05	01	0575	Aviation Life Support Mods.....	Volume 2 - 961
54	05	01	0576	Common ECM Equipment.....	Volume 2 - 969
55	05	01	0577	Common Avionics Changes.....	Volume 2 - 1015

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Navy • President's Budget Submission FY 2014 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
56	05	01	0581	Common Defensive Weapon System.....	Volume 2 - 1081
57	05	01	0582	ID Sys	Volume 2 - 1095
58	05	01	0586	P-8 Series.....	Volume 2 - 1101
59	05	01	0587	MAGTF EW for Aviation.....	Volume 2 - 1113
60	05	01	0588	MQ-8 Series.....	Volume 2 - 1125
61	05	01	0589	RQ-7 Series.....	Volume 2 - 1133
62	05	01	0590	V-22 (Tilt/Rotor Acft) Osprey.....	Volume 2 - 1139
63	05	01	0592	F-35 STOVL Series.....	Volume 2 - 1163
64	05	01	0593	F-35 CV Series.....	Volume 2 - 1177

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
65	06	01	0605	Spares and Repair Parts.....	Volume 3 - 1

UNCLASSIFIED

UNCLASSIFIED

Navy • President's Budget Submission FY 2014 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
66	07	01	0705	Common Ground Equipment.....	Volume 4 - 1
67	07	01	0715	Aircraft Industrial Facilities.....	Volume 4 - 65
68	07	01	0720	War Consumables.....	Volume 4 - 71
69	07	01	0725	Other Production Charges.....	Volume 4 - 81
70	07	01	0735	Special Support Equipment.....	Volume 4 - 85
71	07	01	0740	First Destination Transportation.....	Volume 4 - 87

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Master Line Item Table of Contents (Alphabetically by Line Item Title)

Line Item Title	Line Item Number	Line #	BA	BSA	Page
AEA Systems	0513	30	05	01.....	Volume 2 - 21
AH-1W Series	0527	35	05	01.....	Volume 2 - 277
AV-8 Series	0514	31	05	01.....	Volume 2 - 39
Adversary	0522	32	05	01.....	Volume 2 - 75
Aircraft Industrial Facilities	0715	67	07	01.....	Volume 4 - 65
Aviation Life Support Mods	0575	53	05	01.....	Volume 2 - 961
C-130 Series	0560	44	05	01.....	Volume 2 - 685
C-2A	0556	43	05	01.....	Volume 2 - 667
Cargo/Transport Acft Series	0562	46	05	01.....	Volume 2 - 735
Common Avionics Changes	0577	55	05	01.....	Volume 2 - 1015
Common Defensive Weapon System	0581	56	05	01.....	Volume 2 - 1081
Common ECM Equipment	0576	54	05	01.....	Volume 2 - 969
Common Ground Equipment	0705	66	07	01.....	Volume 4 - 1
E-2 Series	0544	41	05	01.....	Volume 2 - 581
E-2D AHE	0195	19	01	01.....	Volume 1 - 151
E-2D AHE - Advanced Procurement	0195C	20	01	01.....	Volume 1 - 161
E-6 Series	0564	47	05	01.....	Volume 2 - 777

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Navy • President's Budget Submission FY 2014 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
EA-18G	0143	1	01	01.....	Volume 1 - 1
EA-18G - Advanced Procurement	0143C	2	01	01.....	Volume 1 - 13
EA-6 Series	0511	29	05	01.....	Volume 2 - 1
EP-3 Series	0537	39	05	01.....	Volume 2 - 493
Executive Helicopters Series	0566	48	05	01.....	Volume 2 - 845
F-18 Series	0525	33	05	01.....	Volume 2 - 83
F-35 CV Series	0593	64	05	01.....	Volume 2 - 1177
F-35 STOVL Series	0592	63	05	01.....	Volume 2 - 1163
FA-18E/F	0145	3	01	01.....	Volume 1 - 17
FA-18E/F - Advanced Procurement	0145C	4	01	01.....	Volume 1 - 27
First Destination Transportation	0740	71	07	01.....	Volume 4 - 87
Flt Elect Wrfr Supt Grp (FEWSG)	0561	45	05	01.....	Volume 2 - 729
H-1 Series	0532	38	05	01.....	Volume 2 - 447
H-46 Series	0526	34	05	01.....	Volume 2 - 251
H-53 Series	0528	36	05	01.....	Volume 2 - 305
ID Sys	0582	57	05	01.....	Volume 2 - 1095
JSF STOVL	0152	7	01	01.....	Volume 1 - 45
JSF STOVL - Advanced Procurement	0152C	8	01	01.....	Volume 1 - 55
JT Primary Acft Trnr Sys (JPATS)	0339	21	03	01.....	Volume 1 - 165
JT Primary Acft Trnr Sys (JPATS)	0571	52	05	01.....	Volume 2 - 951

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
Joint Strike Fighter CV	0147	5	01	01.....	Volume 1 - 31
Joint Strike Fighter CV - Advanced Procurement	0147C	6	01	01.....	Volume 1 - 41
KC-130J	0416	22	04	01.....	Volume 1 - 175
KC-130J - Advanced Procurement	0416C	23	04	01.....	Volume 1 - 187
MAGTF EW for Aviation	0587	59	05	01.....	Volume 2 - 1113
MH-60R	0182	15	01	01.....	Volume 1 - 119
MH-60R - Advanced Procurement	0182C	16	01	01.....	Volume 1 - 131
MH-60S (MYP)	0179	13	01	01.....	Volume 1 - 103
MH-60S (MYP) - Advanced Procurement	0179C	14	01	01.....	Volume 1 - 113
MQ-8 Series	0588	60	05	01.....	Volume 2 - 1125
MQ-8 UAV	0443	26	04	01.....	Volume 1 - 199
Other Production Charges	0725	69	07	01.....	Volume 4 - 81
Other Support Aircraft	0465	28	04	01.....	Volume 1 - 219
P-3 Series	0538	40	05	01.....	Volume 2 - 515
P-8 Series	0586	58	05	01.....	Volume 2 - 1101
P-8A Poseidon	0193	17	01	01.....	Volume 1 - 137
P-8A Poseidon - Advanced Procurement	0193C	18	01	01.....	Volume 1 - 147
Power Plant Changes	0570	51	05	01.....	Volume 2 - 943
RQ-4 UAV	0442	24	04	01.....	Volume 1 - 191
RQ-4 UAV - Advanced Procurement	0442C	25	04	01.....	Volume 1 - 195

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
RQ-7 Series	0589	61	05	01.....	Volume 2 - 1133
SH-60 Series	0530	37	05	01.....	Volume 2 - 381
STUASLO	0444	27	04	01.....	Volume 1 - 209
Spares and Repair Parts	0605	65	06	01.....	Volume 3 - 1
Special Project Acft	0567	49	05	01.....	Volume 2 - 897
Special Support Equipment	0735	70	07	01.....	Volume 4 - 85
T-45 Series	0569	50	05	01.....	Volume 2 - 907
Trainer Acft Series	0549	42	05	01.....	Volume 2 - 649
UH-1Y/AH-1Z	0178	11	01	01.....	Volume 1 - 79
UH-1Y/AH-1Z - Advanced Procurement	0178C	12	01	01.....	Volume 1 - 99
V-22 (Medium Lift)	0164	9	01	01.....	Volume 1 - 59
V-22 (Medium Lift) - Advanced Procurement	0164C	10	01	01.....	Volume 1 - 75
V-22 (Tilt/Rotor Acft) Osprey	0590	62	05	01.....	Volume 2 - 1139
War Consumables	0720	68	07	01.....	Volume 4 - 71

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Line Item Table of Contents (by Appropriation then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
29	05	01	0511	EA-6 Series.....	Volume 2 - 1
30	05	01	0513	AEA Systems.....	Volume 2 - 21
31	05	01	0514	AV-8 Series.....	Volume 2 - 39
32	05	01	0522	Adversary.....	Volume 2 - 75
33	05	01	0525	F-18 Series.....	Volume 2 - 83
34	05	01	0526	H-46 Series.....	Volume 2 - 251
35	05	01	0527	AH-1W Series.....	Volume 2 - 277
36	05	01	0528	H-53 Series.....	Volume 2 - 305
37	05	01	0530	SH-60 Series.....	Volume 2 - 381
38	05	01	0532	H-1 Series.....	Volume 2 - 447
39	05	01	0537	EP-3 Series.....	Volume 2 - 493
40	05	01	0538	P-3 Series.....	Volume 2 - 515
41	05	01	0544	E-2 Series.....	Volume 2 - 581
42	05	01	0549	Trainer Acft Series.....	Volume 2 - 649
43	05	01	0556	C-2A.....	Volume 2 - 667
44	05	01	0560	C-130 Series.....	Volume 2 - 685

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Navy • President's Budget Submission FY 2014 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
45	05	01	0561	Flt Elect Wrfr Supt Grp (FEWSG).....	Volume 2 - 729
46	05	01	0562	Cargo/Transport Acft Series.....	Volume 2 - 735
47	05	01	0564	E-6 Series.....	Volume 2 - 777
48	05	01	0566	Executive Helicopters Series.....	Volume 2 - 845
49	05	01	0567	Special Project Acft.....	Volume 2 - 897
50	05	01	0569	T-45 Series.....	Volume 2 - 907
51	05	01	0570	Power Plant Changes.....	Volume 2 - 943
52	05	01	0571	JT Primary Acft Trnr Sys (JPATS)	Volume 2 - 951
53	05	01	0575	Aviation Life Support Mods.....	Volume 2 - 961
54	05	01	0576	Common ECM Equipment.....	Volume 2 - 969
55	05	01	0577	Common Avionics Changes.....	Volume 2 - 1015
56	05	01	0581	Common Defensive Weapon System.....	Volume 2 - 1081
57	05	01	0582	ID Sys	Volume 2 - 1095
58	05	01	0586	P-8 Series.....	Volume 2 - 1101
59	05	01	0587	MAGTF EW for Aviation.....	Volume 2 - 1113
60	05	01	0588	MQ-8 Series.....	Volume 2 - 1125
61	05	01	0589	RQ-7 Series.....	Volume 2 - 1133
62	05	01	0590	V-22 (Tilt/Rotor Acft) Osprey.....	Volume 2 - 1139

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
63	05	01	0592	F-35 STOVL Series.....	Volume 2 - 1163
64	05	01	0593	F-35 CV Series.....	Volume 2 - 1177

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Navy • President's Budget Submission FY 2014 • Procurement

Line Item Table of Contents (Alphabetically by Line Item Title)

Line Item Title	Line Item Number	Line #	BA	BSA	Page
AEA Systems	0513	30	05	01.....	Volume 2 - 21
AH-1W Series	0527	35	05	01.....	Volume 2 - 277
AV-8 Series	0514	31	05	01.....	Volume 2 - 39
Adversary	0522	32	05	01.....	Volume 2 - 75
Aviation Life Support Mods	0575	53	05	01.....	Volume 2 - 961
C-130 Series	0560	44	05	01.....	Volume 2 - 685
C-2A	0556	43	05	01.....	Volume 2 - 667
Cargo/Transport Acft Series	0562	46	05	01.....	Volume 2 - 735
Common Avionics Changes	0577	55	05	01.....	Volume 2 - 1015
Common Defensive Weapon System	0581	56	05	01.....	Volume 2 - 1081
Common ECM Equipment	0576	54	05	01.....	Volume 2 - 969
E-2 Series	0544	41	05	01.....	Volume 2 - 581
E-6 Series	0564	47	05	01.....	Volume 2 - 777
EA-6 Series	0511	29	05	01.....	Volume 2 - 1
EP-3 Series	0537	39	05	01.....	Volume 2 - 493
Executive Helicopters Series	0566	48	05	01.....	Volume 2 - 845
F-18 Series	0525	33	05	01.....	Volume 2 - 83

UNCLASSIFIED

UNCLASSIFIED

Navy • President's Budget Submission FY 2014 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
F-35 CV Series	0593	64	05	01.....	Volume 2 - 1177
F-35 STOVL Series	0592	63	05	01.....	Volume 2 - 1163
Flt Elect Wrfr Supt Grp (FEWSG)	0561	45	05	01.....	Volume 2 - 729
H-1 Series	0532	38	05	01.....	Volume 2 - 447
H-46 Series	0526	34	05	01.....	Volume 2 - 251
H-53 Series	0528	36	05	01.....	Volume 2 - 305
ID Sys	0582	57	05	01.....	Volume 2 - 1095
JT Primary Acft Trnr Sys (JPATS)	0571	52	05	01.....	Volume 2 - 951
MAGTF EW for Aviation	0587	59	05	01.....	Volume 2 - 1113
MQ-8 Series	0588	60	05	01.....	Volume 2 - 1125
P-3 Series	0538	40	05	01.....	Volume 2 - 515
P-8 Series	0586	58	05	01.....	Volume 2 - 1101
Power Plant Changes	0570	51	05	01.....	Volume 2 - 943
RQ-7 Series	0589	61	05	01.....	Volume 2 - 1133
SH-60 Series	0530	37	05	01.....	Volume 2 - 381
Special Project Acft	0567	49	05	01.....	Volume 2 - 897
T-45 Series	0569	50	05	01.....	Volume 2 - 907
Trainer Acft Series	0549	42	05	01.....	Volume 2 - 649
V-22 (Tilt/Rotor Acft) Osprey	0590	62	05	01.....	Volume 2 - 1139

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Navy • President's Budget Submission FY 2014 • Procurement

Master Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

BA 01: Combat Aircraft / BSA 1: Combat Aircraft

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
1	A	0143	EA-18G	12	1,025.258	12	1,055.562	21	2,001.787	-	0.000	21	2,001.787
1	B	0143	EA-18G	-	35.681	-	28.119	-	-	-	-	-	-
2	C	0143C	EA-18G - Advanced Procurement	-	28.119	-	0.000	-	0.000	-	0.000	-	0.000
3	A	0145	FA-18E/F	28	2,239.022	26	2,098.393	-	236.847	-	0.000	-	236.847
3	B	0145	FA-18E/F	-	1.522	-	63.262	-	30.296	-	-	-	30.296
4	C	0145C	FA-18E/F - Advanced Procurement	-	63.262	-	30.296	-	0.000	-	0.000	-	0.000
5	A	0147	Joint Strike Fighter CV	7	1,656.382	4	1,116.698	4	1,200.624	-	0.000	4	1,200.624
5	B	0147	Joint Strike Fighter CV	-	209.285	-	109.066	-	65.180	-	-	-	65.180
6	C	0147C	Joint Strike Fighter CV - Advanced Procurement	-	109.066	-	65.180	-	94.766	-	0.000	-	94.766
7	A	0152	JSF STOVL	6	1,426.589	6	1,521.966	6	1,373.459	-	0.000	6	1,373.459
7	B	0152	JSF STOVL	-	284.683	-	117.229	-	106.199	-	-	-	106.199
8	C	0152C	JSF STOVL - Advanced Procurement	-	117.229	-	106.199	-	103.195	-	0.000	-	103.195
9	A	0164	V-22 (Medium Lift)	30	2,338.124	17	1,366.888	18	1,503.094	-	0.000	18	1,503.094
9	B	0164	V-22 (Medium Lift)	-	136.059	-	63.768	-	70.521	-	-	-	70.521

UNCLASSIFIED

Master Exhibit P-1

Page 1 of 9

Volume 2 - xli

UNCLASSIFIED

Navy • President's Budget Submission FY 2014 • Procurement

Master Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

BA 01: Combat Aircraft / BSA 1: Combat Aircraft

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
10	C	0164C	V-22 (Medium Lift) - Advanced Procurement	-	63.768	-	154.202	-	55.196	-	0.000	-	55.196
11	A	0178	UH-1Y/AH-1Z	25	741.446	28	807.483	25	819.620	-	0.000	25	819.620
11	B	0178	UH-1Y/AH-1Z	-	58.225	-	56.750	-	69.658	-	-	-	69.658
12	C	0178C	UH-1Y/AH-1Z - Advanced Procurement	-	56.750	-	69.658	-	71.000	-	0.000	-	71.000
13	A	0179	MH-60S (MYP)	18	456.390	18	453.797	18	456.950	-	0.000	18	456.950
13	B	0179	MH-60S (MYP)	-	71.433	-	69.005	-	73.119	-	-	-	73.119
14	C	0179C	MH-60S (MYP) - Advanced Procurement	-	77.943	-	69.277	-	37.278	-	0.000	-	37.278
15	A	0182	MH-60R	24	921.731	19	757.969	19	742.658	-	0.000	19	742.658
15	B	0182	MH-60R	-	146.618	-	101.103	-	143.421	-	-	-	143.421
16	C	0182C	MH-60R - Advanced Procurement	-	173.025	-	185.896	-	231.834	-	0.000	-	231.834
17	A	0193	P-8A Poseidon	11	2,175.606	13	2,665.649	16	3,515.668	-	0.000	16	3,515.668
17	B	0193	P-8A Poseidon	-	166.809	-	244.894	-	325.679	-	-	-	325.679
18	C	0193C	P-8A Poseidon - Advanced Procurement	-	244.894	-	325.679	-	313.160	-	0.000	-	313.160
19	A	0195	E-2D AHE	5	1,004.812	5	1,019.440	5	1,120.286	-	0.000	5	1,120.286

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Master Exhibit P-1

Page 2 of 9

Volume 2 - xlii

UNCLASSIFIED

Navy • President's Budget Submission FY 2014 • Procurement
Master Exhibit P-1
(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy
BA 01: Combat Aircraft / BSA 1: Combat Aircraft

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
19	B	0195	E-2D AHE	-	117.941	-	157.942	-	123.179	-	-	-	123.179
20	C	0195C	E-2D AHE - Advanced Procurement	-	157.942	-	123.179	-	266.542	-	0.000	-	266.542
Total: Combat Aircraft / Combat Aircraft				-	14,941.100	-	14,111.839	-	14,309.683	-	0.000	-	14,309.683

Appropriation 1506N: Aircraft Procurement, Navy
BA 03: Trainer Aircraft / BSA 1: Trainer Aircraft

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
21	A	0339	JT Primary Acft Trnr Sys (JPATS)	36	234.900	33	278.884	29	249.080	-	0.000	29	249.080
Total: Trainer Aircraft / Trainer Aircraft				-	234.900	-	278.884	-	249.080	-	0.000	-	249.080

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Navy • President's Budget Submission FY 2014 • Procurement

Master Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

BA 04: Other Aircraft / BSA 1: Other Aircraft

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
22	A	0416	KC-130J	1	87.288	-	3.000	2	157.353	-	0.000	2	157.353
22	B	0416	KC-130J	-	-	-	-	-	22.995	-	-	-	22.995
23	C	0416C	KC-130J - Advanced Procurement	-	0.000	-	22.995	-	32.288	-	0.000	-	32.288
24	A	0442	RQ-4 UAV	-	0.000	-	0.000	-	51.124	-	0.000	-	51.124
24	B	0442	RQ-4 UAV	-	-	-	-	-	51.124	-	-	-	51.124
25	C	0442C	RQ-4 UAV - Advanced Procurement	-	0.000	-	51.124	-	52.002	-	0.000	-	52.002
26	A	0443	MQ-8 UAV	10	191.986	6	124.573	1	60.980	-	0.000	1	60.980
27	A	0444	STUASLO	-	0.000	5	9.593	-	0.000	-	0.000	-	0.000
28	A	0465	Other Support Aircraft	-	0.000	-	0.000	1	14.958	-	0.000	1	14.958
Total: Other Aircraft / Other Aircraft				-	279.274	-	285.404	-	378.876	-	0.000	-	378.876

UNCLASSIFIED

Master Exhibit P-1

Page 4 of 9

Volume 2 - xliv

UNCLASSIFIED

Navy • President's Budget Submission FY 2014 • Procurement

Master Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
29	A	0511	EA-6 Series	-	22.529	-	30.062	-	18.577	-	0.000	-	18.577
30	A	0513	AEA Systems	-	82.365	-	49.999	-	48.502	-	0.000	-	48.502
31	A	0514	AV-8 Series	-	98.233	-	80.941	-	41.575	-	0.000	-	41.575
32	A	0522	Adversary	-	0.000	-	4.289	-	2.992	-	0.000	-	2.992
33	A	0525	F-18 Series	-	454.900	-	688.549	-	875.371	-	0.000	-	875.371
34	A	0526	H-46 Series	-	21.584	-	2.343	-	2.127	-	0.000	-	2.127
35	A	0527	AH-1W Series	-	64.494	-	8.721	-	0.000	-	0.000	-	0.000
36	A	0528	H-53 Series	-	117.374	-	61.437	-	67.675	-	0.000	-	67.675
37	A	0530	SH-60 Series	-	96.505	-	83.527	-	135.054	-	0.000	-	135.054
38	A	0532	H-1 Series	-	8.329	-	6.508	-	41.706	-	0.000	-	41.706
39	A	0537	EP-3 Series	-	94.481	-	79.404	-	55.903	-	0.000	-	55.903
40	A	0538	P-3 Series	-	170.354	-	148.405	-	37.436	-	0.000	-	37.436
41	A	0544	E-2 Series	-	29.131	-	16.322	-	31.044	-	0.000	-	31.044
42	A	0549	Trainer Acft Series	-	18.290	-	34.284	-	43.720	-	0.000	-	43.720
43	A	0556	C-2A	-	16.284	-	4.743	-	0.902	-	0.000	-	0.902

UNCLASSIFIED

Master Exhibit P-1

Page 5 of 9

Volume 2 - xlv

UNCLASSIFIED

Navy • President's Budget Submission FY 2014 • Procurement
Master Exhibit P-1
(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy
BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
44	A	0560	C-130 Series	-	71.302	-	77.039	-	47.587	-	0.000	-	47.587
45	A	0561	Flt Elect Wrfr Supt Grp (FEWSG)	-	1.773	-	0.670	-	0.665	-	0.000	-	0.665
46	A	0562	Cargo/Transport Acft Series	-	33.743	-	26.311	-	14.587	-	0.000	-	14.587
47	A	0564	E-6 Series	-	152.211	-	158.332	-	189.312	-	0.000	-	189.312
48	A	0566	Executive Helicopters Series	-	77.511	-	58.163	-	85.537	-	0.000	-	85.537
49	A	0567	Special Project Acft	-	22.232	-	15.135	-	3.684	-	0.000	-	3.684
50	A	0569	T-45 Series	-	46.732	-	64.488	-	98.128	-	0.000	-	98.128
51	A	0570	Power Plant Changes	-	25.163	-	21.569	-	22.999	-	0.000	-	22.999
52	A	0571	JT Primary Acft Trnr Sys (JPATS)	-	0.524	-	1.552	-	1.576	-	0.000	-	1.576
53	A	0575	Aviation Life Support Mods	-	0.987	-	2.473	-	6.267	-	0.000	-	6.267
54	A	0576	Common ECM Equipment	-	93.872	-	114.690	-	141.685	-	0.000	-	141.685
55	A	0577	Common Avionics Changes	-	150.660	-	96.753	-	120.660	-	0.000	-	120.660

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Navy • President's Budget Submission FY 2014 • Procurement

Master Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
56	A	0581	Common Defensive Weapon System	-	3.300	-	0.000	-	3.554	-	0.000	-	3.554
57	A	0582	ID Sys	-	32.030	-	39.846	-	41.800	-	0.000	-	41.800
58	A	0586	P-8 Series	-	0.000	-	5.302	-	9.485	-	0.000	-	9.485
59	A	0587	MAGTF EW for Aviation	-	0.489	-	34.127	-	14.431	-	0.000	-	14.431
60	A	0588	MQ-8 Series	-	0.000	-	0.000	-	1.001	-	0.000	-	1.001
61	A	0589	RQ-7 Series	-	0.000	-	49.324	-	26.433	-	0.000	-	26.433
62	A	0590	V-22 (Tilt/Rotor Acft) Osprey	-	81.196	-	95.856	-	160.834	-	0.000	-	160.834
63	A	0592	F-35 STOVL Series	-	0.000	-	0.000	-	147.130	-	0.000	-	147.130
64	A	0593	F-35 CV Series	-	0.000	-	0.000	-	31.100	-	0.000	-	31.100
Total: Modification of Aircraft / Modification Of Aircraft				-	2,088.578	-	2,161.164	-	2,571.039	-	0.000	-	2,571.039

UNCLASSIFIED

Master Exhibit P-1

Page 7 of 9

UNCLASSIFIED

Navy • President's Budget Submission FY 2014 • Procurement
Master Exhibit P-1
(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy
BA 06: Aircraft Spares and Repair Parts / BSA 1: Aircraft Spares And Repair Parts

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
65	A	0605	Spares and Repair Parts	-	1,201.218	-	1,166.430	-	1,142.461	-	0.000	-	1,142.461
Total: Aircraft Spares and Repair Parts / Aircraft Spares And Repair Parts				-	1,201.218	-	1,166.430	-	1,142.461	-	0.000	-	1,142.461

Appropriation 1506N: Aircraft Procurement, Navy
BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
66	A	0705	Common Ground Equipment	-	365.309	-	389.575	-	410.044	-	0.000	-	410.044
67	A	0715	Aircraft Industrial Facilities	-	20.488	-	23.469	-	27.450	-	0.000	-	27.450

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Navy • President's Budget Submission FY 2014 • Procurement

Master Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
68	A	0720	War Consumables	-	27.300	-	43.383	-	28.930	-	0.000	-	28.930
69	A	0725	Other Production Charges	-	14.224	-	3.399	-	5.268	-	0.000	-	5.268
70	A	0735	Special Support Equipment	-	21.395	-	32.274	-	60.306	-	0.000	-	60.306
71	A	0740	First Destination Transportation	-	2.062	-	1.742	-	1.775	-	0.000	-	1.775
Total: Aircraft Support Equip & Facilities / Aircraft Support Equip & Facilities				-	450.778	-	493.842	-	533.773	-	0.000	-	533.773

UNCLASSIFIED

Master Exhibit P-1

Page 9 of 9

Volume 2 - xlix

UNCLASSIFIED

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Navy • President's Budget Submission FY 2014 • Procurement

Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
29	A	0511	EA-6 Series	-	22.529	-	30.062	-	18.577	-	0.000	-	18.577
30	A	0513	AEA Systems	-	82.365	-	49.999	-	48.502	-	0.000	-	48.502
31	A	0514	AV-8 Series	-	98.233	-	80.941	-	41.575	-	0.000	-	41.575
32	A	0522	Adversary	-	0.000	-	4.289	-	2.992	-	0.000	-	2.992
33	A	0525	F-18 Series	-	454.900	-	688.549	-	875.371	-	0.000	-	875.371
34	A	0526	H-46 Series	-	21.584	-	2.343	-	2.127	-	0.000	-	2.127
35	A	0527	AH-1W Series	-	64.494	-	8.721	-	0.000	-	0.000	-	0.000
36	A	0528	H-53 Series	-	117.374	-	61.437	-	67.675	-	0.000	-	67.675
37	A	0530	SH-60 Series	-	96.505	-	83.527	-	135.054	-	0.000	-	135.054
38	A	0532	H-1 Series	-	8.329	-	6.508	-	41.706	-	0.000	-	41.706
39	A	0537	EP-3 Series	-	94.481	-	79.404	-	55.903	-	0.000	-	55.903
40	A	0538	P-3 Series	-	170.354	-	148.405	-	37.436	-	0.000	-	37.436
41	A	0544	E-2 Series	-	29.131	-	16.322	-	31.044	-	0.000	-	31.044
42	A	0549	Trainer Acft Series	-	18.290	-	34.284	-	43.720	-	0.000	-	43.720
43	A	0556	C-2A	-	16.284	-	4.743	-	0.902	-	0.000	-	0.902
44	A	0560	C-130 Series	-	71.302	-	77.039	-	47.587	-	0.000	-	47.587

UNCLASSIFIED

Exhibit P-1

Page 1 of 3

UNCLASSIFIED

Navy • President's Budget Submission FY 2014 • Procurement

Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
45	A	0561	Flt Elect Wrfr Supt Grp (FEWSG)	-	1.773	-	0.670	-	0.665	-	0.000	-	0.665
46	A	0562	Cargo/Transport Acft Series	-	33.743	-	26.311	-	14.587	-	0.000	-	14.587
47	A	0564	E-6 Series	-	152.211	-	158.332	-	189.312	-	0.000	-	189.312
48	A	0566	Executive Helicopters Series	-	77.511	-	58.163	-	85.537	-	0.000	-	85.537
49	A	0567	Special Project Acft	-	22.232	-	15.135	-	3.684	-	0.000	-	3.684
50	A	0569	T-45 Series	-	46.732	-	64.488	-	98.128	-	0.000	-	98.128
51	A	0570	Power Plant Changes	-	25.163	-	21.569	-	22.999	-	0.000	-	22.999
52	A	0571	JT Primary Acft Trnr Sys (JPATS)	-	0.524	-	1.552	-	1.576	-	0.000	-	1.576
53	A	0575	Aviation Life Support Mods	-	0.987	-	2.473	-	6.267	-	0.000	-	6.267
54	A	0576	Common ECM Equipment	-	93.872	-	114.690	-	141.685	-	0.000	-	141.685
55	A	0577	Common Avionics Changes	-	150.660	-	96.753	-	120.660	-	0.000	-	120.660
56	A	0581	Common Defensive Weapon System	-	3.300	-	0.000	-	3.554	-	0.000	-	3.554

UNCLASSIFIED

Exhibit P-1

Page 2 of 3

Volume 2 - Iii

UNCLASSIFIED

Navy • President's Budget Submission FY 2014 • Procurement

Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1506N: Aircraft Procurement, Navy

BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
57	A	0582	ID Sys	-	32.030	-	39.846	-	41.800	-	0.000	-	41.800
58	A	0586	P-8 Series	-	0.000	-	5.302	-	9.485	-	0.000	-	9.485
59	A	0587	MAGTF EW for Aviation	-	0.489	-	34.127	-	14.431	-	0.000	-	14.431
60	A	0588	MQ-8 Series	-	0.000	-	0.000	-	1.001	-	0.000	-	1.001
61	A	0589	RQ-7 Series	-	0.000	-	49.324	-	26.433	-	0.000	-	26.433
62	A	0590	V-22 (Tilt/Rotor Acft) Osprey	-	81.196	-	95.856	-	160.834	-	0.000	-	160.834
63	A	0592	F-35 STOVL Series	-	0.000	-	0.000	-	147.130	-	0.000	-	147.130
64	A	0593	F-35 CV Series	-	0.000	-	0.000	-	31.100	-	0.000	-	31.100
Total: Modification of Aircraft / Modification Of Aircraft				-	2,088.578	-	2,161.164	-	2,571.039	-	0.000	-	2,571.039

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Exhibit P-1

Page 3 of 3

Volume 2 - liii

UNCLASSIFIED

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0511 - EA-6 Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	3,310.579	22.529	30.062	18.577	-	18.577	14.097	10.054	6.390	7.564	7.000	3,426.852
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	3,310.579	22.529	30.062	18.577	-	18.577	14.097	10.054	6.390	7.564	7.000	3,426.852
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	3,310.579	22.529	30.062	18.577	-	18.577	14.097	10.054	6.390	7.564	7.000	3,426.852

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to the EA-6B aircraft. The EA-6B Prowler is a four-seat, twin-engine, mid-wing, tactical, electronic attack aircraft. The EA-6B is employed in both Navy and Marine Corps squadrons to provide DoD tactical electronic attack capability. Modifications budgeted and programmed include: procurement of Improved Capability III (ICAP III) block upgrades and installation, avionics upgrades and installation, mission planning upgrades and installation, missile control modifications, and readiness initiatives to ensure EA-6B viability in an ever-changing threat environment.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	P3A				1,106.819			12.053			17.139			12.020			-			12.020
2 - ICAP III (001-01)	P3A				484.484			10.476			12.923			6.557			-			6.557
3 - INACTIVE OSIPS	P3A				1,719.276			-			-			-			-			-
Total Gross/Weapon System Cost					3,310.579			22.529			30.062			18.577			-			18.577

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0511 - EA-6 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	P3A				10.085			6.963			4.511			5.787			5.500			1,180.877	
2 - ICAP III (001-01)	P3A				4.012			3.091			1.879			1.777			1.500			526.699	
3 - INACTIVE OSIPS	P3A				-			-			-			-			-			1,719.276	
Total Gross/Weapon System Cost					14.097			10.054			6.390			7.564			7.000			3,426.852	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding. Justification: The EA-6B Prowler is a Low Density High Demand electronic jamming platform. The aircraft are 33+ years old. Considerable modifications are required in two basic catagories to keep the systems viable: weapons delivery and airframe reliability. Weapons delivery includes Airborne Electronic Attack (AEA) systems and its ancillary equipment. Several systems on the aircraft are based on outdated software and techniques. Modifications are required to meet and defeat multiple threat signatures as AEA methodologies change. Modifications are required to keep the aircraft flying safely as it ages. Fatigue Life Expended (FLE), advanced corrosion, and tired iron must be addressed and repaired. This OSIP is required to operate and maintain the aircraft and its systems/subsystems until the platform is retired.																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)				
Models of Systems Affected: EA-6 Series			Type Modification: Safety of Flight /Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1,106.819	12.053	17.139	12.020	-	12.020	10.085	6.963	4.511	5.787	5.500	1,180.877
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1,106.819	12.053	17.139	12.020	-	12.020	10.085	6.963	4.511	5.787	5.500	1,180.877
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	1,106.819	12.053	17.139	12.020	-	12.020	10.085	6.963	4.511	5.787	5.500	1,180.877
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This Operational and Safety Improvement Program covers EA-6B Structural, Systems, Sub-Systems, and Avionics modifications and improvement to mission degrading deficiencies discovered during test reviews, flight line inspections, and preventive maintenance inspections related to reliability, maintainability, sustainability, training, and safety of flight. DEVELOPMENT STATUS/MAJOR MILESTONES: Major milestones include the completion of the Digital Flight Control System test program and Wing Center Section production deliveries. Current Modifications: Avionics/Electrical Readiness (Supp) - To address avionic/electrical deficiencies discovered during fleet operations to mitigate safety of flight deficiencies to meet operational requirements. Air Vehicle Structures Readiness (Supp) - To address structural deficiencies discovered during fleet operations to mitigate safety of flight deficiencies to meet operational requirements. Sub-Systems Readiness (Supp) - To address sub-system deficiencies discovered during fleet operations to mitigate safety of flight deficiencies to meet operational requirements. Wing Center Section - Replacement program which replace wings that have either cracked due to stress corrosion or have reached their wing fatigue life limit (reliability) Aircraft Systems (Systems/Sub-Systems Readiness Improvements) - Includes modifications to improve reliability and maintainability of avionics, electrical, life support, propulsion/power, landing gear, hydraulics, pneumatic, primary secondary flight controls, and environmental control systems. Aircraft Avionics (Avionics Readiness Improvements) - Includes modifications to improve reliability and maintainability of avionics, software, components, wiring, weapons control, communication, navigation, radar, and display systems. Aircraft Structures (Structural Readiness Improvements) - Includes required modifications based on fatigue life analysis and aircraft changes to ensure EA-6B aircraft availability, reliability, and maintainability of airframe structural components through FY19.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)
Models of Systems Affected: EA-6 Series	Type Modification: Safety of Flight /Reliability	Related RDT&E PEs:
Funding provided to support all EA-6B airframe readiness, hardware readiness, electrical component readiness, obsolescence prevention, inspections, installations, and safety of flight improvements throughout remaining airframe service. Fund application to the structure, system/subsystem, and avionics deficiencies will be made to ensure aircraft service readiness and reliability. Future Modifications: N/A Archive Modifications: A Kits Prior Yr (A Kits) - EA-6B ICAP II Block 89 to 89A Navigation and Communication upgrade. 2ND EGI/ASN-130A Replacement - EA-6B ICAP II Block 89A Navigation upgrade. Aircraft Wiring Upgrade - Replacement degraded wiring originally installed during Original Equipment Manufacturer production of the EA-6B. AN/USQ-113 Kits - USQ-113 Communications Jammer Upgrade Phase III DFCS - The Digital Flight Control System program comprised the adaption of the existing Digital Flight Control Computer and Digital Control Panel to replace the existing Air Navigational Computer (ANC) and control panel that was fitted to the EA-6B aircraft. Flight Control - Reliability improvements to flight critical equipment. Hydraulic Systems Upgrade - Upgrades to the hydraulic actuators to include new technology seals to prevent leakage, new barrels and end caps to improve operational reliability and reduce fatigue on components. Outer Wing Panel - Replacement program with ongoing Fatigue Life Expenditure analysis and airframe changes to ensure EA-6B availability. Outer Wing Panel (Supp) - To address OWP deficiencies discovered during fleet operations to mitigate safety of flight deficiencies to meet operational requirements. SDRS Kits - The Structural Data Recording System provided a more accurate recording of the g-force hits on the aircraft. USQ-113 A Kits (Supp) - The USQ-113 incorporated a Daul Jam Mode capability which doubled the number of targets that could be effectively jammed by the system, and removed unused and hard to obtain circuit card assemblies that improved the availability of the mission-essential equipment. B Kits ASN-130A Replacement/2ND EGI - ASN-72 units for installation DFCS - Digital Flight Controller Weapon Replacement Assembly's, upgrades from F-14 units Ejection Seat - Upgrade to safety pin sets and seat air flow (cushion) Hydraulic System Upgrade PR - Replacement of primary and secondary hydraulic pumps (reliability) Mission Reprogramming - Raymond Recorder set replacement with Digital Storage Memory Unit. Power PC Integration - Upgrade to the tactical computer (AYK-14), reliability and performance Prior Yr Equipment (B Kits) - EA-6B ICAP II 89 to 89A Navigation Communications Upgrade USQ-113 Ext B Kits (Supp) USQ-113 (V)3 to (V)4 parts kits USQ-113 TOG B Kits (Supp) USQ-113 (V)3 to (V)4 system controller upgrade and RF switch module.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)					
Models of Systems Affected: EA-6 Series				Type Modification: Safety of Flight /Reliability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)													
A Kits													
Recurring													
1.1.1) AVIONICS/ELECTRICAL READINESS (SUPP) - Organic	- / 1.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.600	
1.1.2) AIR VEHICLE STRUCTURES READINESS (SUPP) - Organic	- / 1.945	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.945	
1.1.3) SUB-SYSTEMS READINESS (SUPP) - Organic	- / 1.825	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.825	
1.1.4) WING CENTER SECTION - Organic	114 / 335.905	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	114 / 335.905	
1.1.5) AIRCRAFT SYSTEMS - NonOrganic ⁽¹⁾	- / -	32 / 1.000	50 / 3.780	46 / 2.510	- / -	46 / 2.510	30 / 1.691	20 / 0.844	- / -	- / -	- / -	178 / 9.825	
1.1.6) AIRCRAFT AVIONICS - NonOrganic	- / -	32 / 1.000	50 / 3.400	46 / 2.100	- / -	46 / 2.100	30 / 1.631	20 / 0.761	- / -	- / -	- / -	178 / 8.892	
1.1.7) AIRCRAFT STRUCTURES - NonOrganic	- / -	32 / 1.000	46 / 3.280	40 / 1.960	- / -	40 / 1.960	20 / 1.531	15 / 0.579	- / -	- / -	- / -	153 / 8.350	
1.1.8) Archive Modifications - Organic	4,084 / 258.523	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,084 / 258.523	
Subtotal Recurring	4,198 / 599.798	96 / 3.000	146 / 10.460	132 / 6.570	- / -	132 / 6.570	80 / 4.853	55 / 2.184	- / -	- / -	- / -	4,707 / 626.865	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	4 / 56.660	- / -	- / 2.518	- / 1.085	- / -	- / 1.085	- / 0.970	- / 0.907	- / -	- / -	- / -	4 / 62.140	
Subtotal Non-Recurring	4 / 56.660	- / -	- / 2.518	- / 1.085	- / -	- / 1.085	- / 0.970	- / 0.907	- / -	- / -	- / -	4 / 62.140	
B Kits													
Recurring													
2.1.2) AIRCRAFT SYSTEMS - Organic	- / -	32 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 1.500	
2.1.3) AIRCRAFT AVIONICS - Organic	- / -	32 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 1.500	
2.1.4) AIRCRAFT STRUCTURES - Organic	- / -	32 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 1.500	
2.1.5) Archive Modifications - Organic	2,032 / 122.840	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,032 / 122.840	
Subtotal Recurring	2,032 / 122.840	96 / 4.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,128 / 127.340	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 57.153	- / 3.293	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 60.446	
Subtotal Non-Recurring	- / 57.153	- / 3.293	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 60.446	
Total, EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	6,234 / 836.451	192 / 10.793	146 / 12.978	132 / 7.655	- / -	132 / 7.655	80 / 5.823	55 / 3.091	- / -	- / -	- / -	6,839 / 876.791	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)				

Models of Systems Affected: EA-6 Series				Type Modification: Safety of Flight /Reliability				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Total Procurement, All Modifications</i>	6,234 / 836.451	192 / 10.793	146 / 12.978	132 / 7.655	- / -	132 / 7.655	80 / 5.823	55 / 3.091	- / -	- / -	- / -	6,839 / 876.791
Support												
3.1) Engineering Change Order	- / 2.639	- / 0.647	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.286
3.2) Data	- / 14.451	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.451
3.3) Training Equipment	15 / 10.947	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 10.947
3.4) Support Equipment	- / 16.560	- / 0.613	- / 0.150	- / 0.010	- / -	- / 0.010	- / -	- / -	- / -	- / -	- / -	- / 17.333
3.5) ILS ⁽²⁾	- / 5.137	- / -	- / 2.000	- / 1.500	- / -	- / 1.500	- / 1.500	- / 1.500	- / 1.824	- / 2.900	- / 2.600	- / 18.961
3.6) Other Support	- / 83.669	- / -	- / 1.261	- / 0.665	- / -	- / 0.665	- / 0.782	- / 1.172	- / 1.862	- / 2.887	- / 2.900	- / 95.198
3.7) Interim Contractor Support	- / 0.504	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.504
3.8) PRIOR YR INSTALLATION COST	1,473 / 136.461	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,473 / 136.461
<i>Total Support, All Modifications</i>	270.368	1.260	3.411	2.175	-	2.175	2.282	2.672	3.686	5.787	5.500	297.141
<i>Total Procurement and Support</i>	1,106.819	12.053	16.389	9.830	-	9.830	8.105	5.763	3.686	5.787	5.500	1,173.932
EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) Installation Cost	- / 0.000	- / -	- / 0.750	- / 2.190	- / -	- / 2.190	- / 1.980	- / 1.200	- / 0.825	- / -	- / -	- / 6.945
<i>Total Installation Cost</i>	- / 0.000	- / -	- / 0.750	- / 2.190	- / -	- / 2.190	- / 1.980	- / 1.200	- / 0.825	- / -	- / -	- / 6.945
Total Cost (Procurement + Support + Installation)	1,106.819	12.053	17.139	12.020	-	12.020	10.085	6.963	4.511	5.787	5.500	1,180.877

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)				
Models of Systems Affected: EA-6 Series				Type Modification: Safety of Flight /Reliability				Related RDT&E PEs:				
Manufacturer Information: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)												
Manufacturer Name: Commercial - Aircraft Systems						Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 6						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Aug 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016							
Delivery Dates	Feb 2013	Oct 2013	Oct 2014	Oct 2015	Oct 2016							
Manufacturer Name: Commerical - Avionics						Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 6						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Aug 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016							
Delivery Dates	Feb 2013	Oct 2013	Oct 2014	Oct 2015	Oct 2016							
Manufacturer Name: Commercial - Aircraft Structures						Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 6						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Aug 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016							
Delivery Dates	Feb 2013	Oct 2013	Oct 2014	Oct 2015	Oct 2016							
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)												
Method of Implementation: DEPOT FIELD MOD TEAM				Installation Name: AIRCRAFT SYSTEMS								
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	32 / 0.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 0.250
FY 2013	- / -	- / -	- / -	50 / 0.750	- / -	50 / 0.750	- / -	- / -	- / -	- / -	- / -	50 / 0.750
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.690	- / -	- / -	- / -	- / -	46 / 0.690
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.450	- / -	- / -	- / -	30 / 0.450
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.300	- / -	- / -	20 / 0.300
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)

Models of Systems Affected: EA-6 Series	Type Modification: Safety of Flight /Reliability	Related RDT&E PEs:

Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)				Method of Implementation: DEPOT FIELD MOD TEAM				Installation Name: AIRCRAFT SYSTEMS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	32 / 0.250	50 / 0.750	- / -	50 / 0.750	46 / 0.690	30 / 0.450	20 / 0.300	- / -	- / -	178 / 2.440

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	10	11	11	13	13	12	12	12	12	11	11	8	8	7	7	5	5	5	5	-	-	-	-	-	178
Out	-	-	-	-	-	-	10	11	11	13	13	12	12	12	12	11	11	8	8	7	7	5	5	5	5	-	-	-	-	-	178

Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)				Method of Implementation: DEPOT FIELD MOD TEAM				Installation Name: AIRCRAFT AVIONICS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	32 / 0.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 0.250
FY 2013	- / -	- / -	- / -	50 / 0.750	- / -	50 / 0.750	- / -	- / -	- / -	- / -	- / -	50 / 0.750
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.690	- / -	- / -	- / -	- / -	46 / 0.690
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.450	- / -	- / -	- / -	30 / 0.450
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.300	- / -	- / -	20 / 0.300
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	32 / 0.250	50 / 0.750	- / -	50 / 0.750	46 / 0.690	30 / 0.450	20 / 0.300	- / -	- / -	178 / 2.440

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0511 - EA-6 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)									
Models of Systems Affected: EA-6 Series										Type Modification: Safety of Flight /Reliability										Related RDT&E PEs:											
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)											Method of Implementation: DEPOT FIELD MOD TEAM										Installation Name: AIRCRAFT AVIONICS										
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	10	11	11	13	13	12	12	12	12	11	11	8	8	7	7	5	5	5	5	-	-	-	-	-	178
Out	-	-	-	-	-	-	10	11	11	13	13	12	12	12	12	11	11	8	8	7	7	5	5	5	5	-	-	-	-	-	178
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)																															
Method of Implementation: DEPOT FIELD MOD TEAM											Installation Name: AIRCRAFT STRUCTURES																				
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	32 / 0.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 0.250																		
FY 2013		- / -	- / -	- / -	46 / 0.690	- / -	46 / 0.690	- / -	- / -	- / -	- / -	- / -	46 / 0.690																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.600	- / -	- / -	- / -	- / -	40 / 0.600																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.300	- / -	- / -	- / -	20 / 0.300																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.225	- / -	- / -	15 / 0.225																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	32 / 0.250	46 / 0.690	- / -	46 / 0.690	40 / 0.600	20 / 0.300	15 / 0.225	- / -	- / -	153 / 2.065																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	10	11	11	12	12	11	11	10	10	10	10	5	5	5	5	4	4	4	3	-	-	-	-	-	153
Out	-	-	-	-	-	-	10	11	11	12	12	11	11	10	10	10	10	5	5	5	5	4	4	4	3	-	-	-	-	-	153
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)											Method of Implementation: Not Installed - WING CENTER SECTION											Installation Quantity: 114									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)
Models of Systems Affected: EA-6 Series	Type Modification: Safety of Flight /Reliability	Related RDT&E PEs:
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - Archive Modifications	Installation Quantity: 4084
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - Installation Kits N/R	Installation Quantity: 4
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Organic - AIRCRAFT SYSTEMS	Installation Quantity: 32
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Organic - AIRCRAFT AVIONICS	Installation Quantity: 32
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Organic - AIRCRAFT STRUCTURES	Installation Quantity: 32
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - Archive Modifications	Installation Quantity: 2032
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 15
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - PRIOR YR INSTALLATION COST	Installation Quantity: 1473
Footnotes: (1) In FY13-18 OSIP 032-85-1 funds recurring costs related to Audio Intercommunication System AIC-45 and Fuel Flow Transmitter installation engineering on the EA-6B aircraft. Center Wing Section Harvest engineering and modernization kits are an emerging requirement. The cost to modernize the CWS varies depends on condition. Across the FYDP (FY14-18), the mix of kits being purchased causes a variation in the yearly unit cost on the Aircraft Systems, Aircraft Avionics, and Aircraft Structures. (2) The increases in Integrated Logistics Support and Other Support across the FYDP are due to the impending aircraft sundown. As the aircraft approaches sundown, activities will shift from future readiness investments (largely kits and installations)to managing current readiness and sundown activities via Logistics and Other support.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - ICAP III (001-01)				
Models of Systems Affected: EA-6 SERIES			Type Modification: SAFETY OF FLIGHT / RELIABILITY					Related RDT&E PEs: 0604270N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	484.484	10.476	12.923	6.557	-	6.557	4.012	3.091	1.879	1.777	1.500	526.699
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	484.484	10.476	12.923	6.557	-	6.557	4.012	3.091	1.879	1.777	1.500	526.699
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	484.484	10.476	12.923	6.557	-	6.557	4.012	3.091	1.879	1.777	1.500	526.699
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: This Operational and Safety Improvement Program covers the EA-6B Improved Capabilities III (ICAP III) system modifications to install radar and improve communication receivers, displays, and connectivity. This modification removed over 70 aging and unreliable Weapons Replaceable Assemblies. Specifically, the modification program replaced the ALQ-99 Receiver System with the ALQ-218 receiver system, replaced the TDY-43 display system with a new Commercial Off The Shelf based display system for the Pilot and three Electronic Countermeasures Officers (ECMOs), upgraded the Recorder Reproducer Set with a new Digital Recorder, incorporated the Multi-Mission Advanced Tactical Terminal (MATT) to provide reception of data links, incorporated the USQ-113 Communication Receiver/Jammer with the ALQ-218, updated mission planning for ICAP III to Joint Mission Planning System (JMPS), and incorporated Link-16 to include basic electronic warfare battle management capabilities. The plan to mature all 32 ICAP III to full potential consists of block upgrades with deliveries approximately 24 months apart. LITENING Pod integration provides a demonstrated capability and usefulness to support integrated targeting and convoy protection when using the AN/AAQ-28 LITENING Pod system on AV/8B aircraft in conjunction with EA-6B aircraft. AVIONICS KITS: Software/hardware modifications for capability improvements and to address obsolescence issues. Hardware modification kits include Multi-functional Information Distribution System, MATT replacement, Cryptological mod kits, ARN-153 Tactical Air Navigational System, and associated hardware for future block improvements to correct critical deficiencies in detection & identification of radar threats in 21st Century Electronic Warfare Environments. ICAP III BLOCK MODIFICATION/UPGRADES: Efforts associated with the integration of future block upgrades to correct deficiencies and capitalization of advanced technology to improve performance. Efforts include but are not limited to improvements and corrections to Threat Detection and Jamming Techniques, the integration of the USQ-113 with the ALQ-99, stability corrections to the USQ-113 Communications Jammer, tactical displays, and the aircraft Operational Flight Plan. MISSION PLANNING ENVIRONMENT (MPE): MPE requirements include upgrades to the MPE baseline as improvements via ICAP III block upgrades arise. MPE requires framework integration upgrades to avoid Microsoft Operating System obsolescence and out of cycle technology refresh of Mission Planning laptops in a Windows 7 environment. JAMMER MANAGEMENT REHOST (JMR):												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ICAP III (001-01)
Models of Systems Affected: EA-6 SERIES	Type Modification: SAFETY OF FLIGHT / RELIABILITY	Related RDT&E PEs: 0604270N
Rehosting of mission software in Higher Order Language provides a significant reduction in cycle time and allows timely response to evolving threats. JMR reduces maintenance costs for future mission software updates, enables additional jammer control unachievable with current code, and greatly enhances our ability to respond to changing world threats at significantly reduced cost. HARM BLOCK 5A MISSILE CONTROL: All High Speed Anti-Radiation Missile (HARM) Block 5 missiles in the fleet are being converted to Block 5A. EA-6B aircraft requires software and control panel modifications as well as integration efforts for HARM Block 5A missile control. Additional outyear funds are provided to ensure aircraft mission systems readiness and reliability to counter increasingly sophisticated and agile threats to Fleet and Operating Forces throughout the remaining airframe service. These must be applied to all ICAP II and ICAP III systems, to include; the avionics, mission system hardware, mission system software, mission planning environment, and all other aircraft mission sub-systems. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Following a Full and Open Competition, Milestone II approval was received, and an Engineering and Manufacturing Development (EMD) Research Development Test & Evaluation development contract was awarded to the Northrop Grumman Corporation in March 1998. Following a Development Test/Operational Test test period, completion of an Operational Assessment and an LRIP decision, an Low Rate Initial Production contract was awarded in FY03. Following completion of Operational Evaluation and a Milestone III decision, a full rate production contract was awarded in the 2nd quarter FY06. Additional Full Rate Production contracts designated for Lot 3 & Lot 4 were awarded in FY08.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - ICAP III (001-01)				
Models of Systems Affected: EA-6 SERIES				Type Modification: SAFETY OF FLIGHT / RELIABILITY				Related RDT&E PEs: 0604270N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ICAP III (001-01)												
A Kits												
Recurring												
1.1.1) ICAP III - NonOrganic	30 / 292.890	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 292.890
1.1.2) AVIONICS - NonOrganic ⁽³⁾	- / -	92 / 5.700	66 / 3.100	32 / 1.600	- / -	32 / 1.600	32 / 1.600	32 / 1.600	- / -	- / -	- / -	254 / 13.600
1.1.3) LITENING - Organic	- / 0.848	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.848
Subtotal Recurring	30 / 293.738	92 / 5.700	66 / 3.100	32 / 1.600	- / -	32 / 1.600	32 / 1.600	32 / 1.600	- / -	- / -	- / -	284 / 307.338
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 5.972	- / -	- / 1.500	- / 0.895	- / -	- / 0.895	- / 0.200	- / -	- / -	- / -	- / -	- / 8.567
Subtotal Non-Recurring	- / 5.972	- / -	- / 1.500	- / 0.895	- / -	- / 0.895	- / 0.200	- / -	- / -	- / -	- / -	- / 8.567
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	- / 9.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.650
Subtotal Recurring	- / 9.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.650
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 1.728	- / 2.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.428
Subtotal Non-Recurring	- / 1.728	- / 2.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.428
Total, ICAP III (001-01)	30 / 311.088	92 / 8.400	66 / 4.600	32 / 2.495	- / -	32 / 2.495	32 / 1.800	32 / 1.600	- / -	- / -	- / -	284 / 329.983
Total Procurement, All Modifications	30 / 311.088	92 / 8.400	66 / 4.600	32 / 2.495	- / -	32 / 2.495	32 / 1.800	32 / 1.600	- / -	- / -	- / -	284 / 329.983
Support												
3.1) Integration	- / -	- / -	- / 2.760	- / 0.742	- / -	- / 0.742	- / 0.500	- / 0.477	- / 0.400	- / 0.300	- / -	- / 5.179
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Data	- / 1.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.145	- / 0.250	- / -	- / 1.853
3.4) Training Equipment	2 / 79.118	- / -	10 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 79.618
3.5) Support Equipment	- / 18.249	- / -	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / 0.117	- / 0.117	- / -	- / 19.083
3.6) ILS	- / 5.051	- / 0.564	- / 0.600	- / 0.139	- / -	- / 0.139	- / 0.125	- / 0.120	- / 0.300	- / 0.300	- / 0.300	- / 7.499
3.7) Other Support	- / 36.122	- / 1.512	- / 2.563	- / 2.341	- / -	- / 2.341	- / 1.087	- / 0.394	- / 0.417	- / 0.810	- / 1.200	- / 46.446
3.8) Interim Contractor Support	- / 0.058	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.058
Total Support, All Modifications	140.056	2.076	7.023	3.222	-	3.222	1.712	0.991	1.379	1.777	1.500	159.736

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0511 - EA-6 Series		Modification Nomenclature (Modification Number - Modification Title): 2 - ICAP III (001-01)
Models of Systems Affected: EA-6 SERIES		Type Modification: SAFETY OF FLIGHT / RELIABILITY		Related RDT&E PEs: 0604270N

Manufacturer Information: ICAP III (001-01)							
Manufacturer Name: Northrup Grumman-ICAP III				Manufacturer Location: Not Specified			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Manufacturer Name: Commercial / SPAWAR-Avionics				Manufacturer Location: San Diego, CA			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jun 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016		
Delivery Dates	Dec 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016		

Installation: ICAP III (001-01)				Method of Implementation: COMMERCIAL				Installation Name: ICAP III				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	30 / 33.340	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 33.340
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	30 / 33.340	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 33.340

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0511 - EA-6 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ICAP III (001-01)									
Models of Systems Affected: EA-6 SERIES										Type Modification: SAFETY OF FLIGHT / RELIABILITY										Related RDT&E PEs: 0604270N											
Installation: ICAP III (001-01)										Method of Implementation: COMMERCIAL										Installation Name: ICAP III											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Out	29	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Installation: ICAP III (001-01)										Method of Implementation: DEPOT FIELD MOD TEAM										Installation Name: AVIONICS											
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2012		- / -		- / -		92 / 1.300		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		92 / 1.300							
FY 2013		- / -		- / -		- / -		66 / 0.840		- / -		66 / 0.840		- / -		- / -		- / -		- / -		- / -		66 / 0.840							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		32 / 0.500		- / -		- / -		- / -		- / -		32 / 0.500							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		32 / 0.500		- / -		- / -		- / -		32 / 0.500							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		32 / 0.500		- / -		- / -		32 / 0.500							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		- / -		- / -		92 / 1.300		66 / 0.840		- / -		66 / 0.840		32 / 0.500		32 / 0.500		32 / 0.500		- / -		- / -		254 / 3.640							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	23	23	23	23	16	16	17	17	8	8	8	8	8	8	8	8	8	8	8	8	-	-	-	-	-	254
Out	-	-	-	-	-	23	23	23	23	16	16	17	17	8	8	8	8	8	8	8	8	8	8	8	8	-	-	-	-	-	254
Installation: ICAP III (001-01)										Method of Implementation: Not Installed - Training Equipment										Installation Quantity: 12											
Footnotes: (3) The cost growth within this cost element is due to the combination of software/hardware kits being purchased (IRC, MIDs, USB-ENTR, etc.)																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0511 - EA-6 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - INACTIVE OSIPS			
Models of Systems Affected: EA-6 SERIES				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,719.276	-	-	-	-	-	-	-	-	-	-	1,719.276
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,719.276	-	-	-	-	-	-	-	-	-	-	1,719.276
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,719.276	-	-	-	-	-	-	-	-	-	-	1,719.276
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - INACTIVE OSIPS				
Models of Systems Affected: EA-6 SERIES				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs:				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
INACTIVE OSIPS												
A Kits												
Recurring												
1.1.1) INACTIVE OSIPS - Organic	- / 1,719.276	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,719.276
Subtotal Recurring	- / 1,719.276	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,719.276
Total, INACTIVE OSIPS	- / 1,719.276	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,719.276
Total Procurement, All Modifications	- / 1,719.276	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,719.276
Total Procurement and Support	1,719.276	-	-	-	-	-	-	-	-	-	-	1,719.276
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	1,719.276	-	-	-	-	-	-	-	-	-	-	1,719.276

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0511 - EA-6 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - INACTIVE OSIPS	
Models of Systems Affected: EA-6 SERIES			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs:	
Manufacturer Information: INACTIVE OSIPS							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: INACTIVE OSIPS							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0513 - AEA Systems				

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:			

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	29.601	82.365	49.999	48.502	-	48.502	59.590	43.591	41.855	42.532	146.640	544.675
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	29.601	82.365	49.999	48.502	-	48.502	59.590	43.591	41.855	42.532	146.640	544.675
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	29.601	82.365	49.999	48.502	-	48.502	59.590	43.591	41.855	42.532	146.640	544.675

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to Airborne Electronic Attack (AEA) products used on multiple platforms. Modifications budgeted and programmed include: procurement and enhancement of Low Band Transmitter Antenna Group inventory, AN/ALQ-99 Tactical Jamming System upgrades and related sustainability, capability, and viability modifications, Airborne Electronic Attack Expendable upgrades and integration, and Area Chaff Dispenser (ALE-43) upgrades and integration. AEA will support procurement of new technologies and equipment as needed to combat emerging electronic warfare technology and systems.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Airborne Electronic Attack (AEA) Systems (OSIP 007-11)	P3A				29.601			74.665			49.799			39.702			-			39.702
2 - Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)	P3A				0.000			-			0.200			-			-			-
3 - Intrepid Tiger II (ALQ-231) (OSIP 022-12)	P3A				0.000			7.700			-			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0513 - AEA Systems									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4 - Area Chaff Dispenser (OSIP 012-14)	P3A				0.000			-			-			8.800			-			8.800
Total Gross/Weapon System Cost					29.601			82.365			49.999			48.502			-			48.502

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Airborne Electronic Attack (AEA) Systems (OSIP 007-11)	P3A				36.934			23.726			40.830			41.475			131.312			468.044
2 - Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)	P3A				-			-			-			-			-			0.200
3 - Intrepid Tiger II (ALQ-231) (OSIP 022-12)	P3A				-			-			-			-			-			7.700
4 - Area Chaff Dispenser (OSIP 012-14)	P3A				22.656			19.865			1.025			1.057			15.328			68.731
Total Gross/Weapon System Cost					59.590			43.591			41.855			42.532			146.640			544.675

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

The Department of the Navy has been tasked with accomplishing the Nation's Airborne Electronic Attack (AEA) mission in various theaters of operation over the last few decades. The AEA capability fielded by the Navy on the EA-6B Prowler has been a high demand, low density asset. The Navy and Marine Corps are transitioning away from the EA-6B Prowler aircraft; the Navy is transitioning to the EA-18G Growler aircraft and the Marine Corps is transitioning to an organic capability utilizing electronic warfare payloads flown on Marine Corps aircraft. Stable investment in AEA systems will ensure continued availability of AEA capability to meet warfighter demand. Investment in the ALQ-99 Tactical Jamming System will ensure continued system availability until Next Generation Jammer Full Operational Capability. Modifications to ALE-43 are required to transition the Bulk Chaff capability from the EA-6B Prowler platform to the F/A-18E/F platform. Airborne Electronic Attack (Expendable) (AEAE) will address currently unmitigated Integrated Air Defense System threats by fielding expendable active electronic attack decoys capable of deception and jamming against multi-function phased array Target Engagement Radars and other Electronic Warfare threats.

Airborne Electronic Attack (AEA) System procurements and related efforts are required to combat emerging electronic warfare technology and systems. Investment in AEA System efforts will ensure that sufficient AEA capability is available to meet warfighter requirements.

The Area Chaff Dispenser (OSIP 012-14) is a new start for FY14.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (Modification Number - Modification Title): 1 - Airborne Electronic Attack (AEA) Systems (OSIP 007-11)				
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	29.601	74.665	49.799	39.702	-	39.702	36.934	23.726	40.830	41.475	131.312	468.044
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	29.601	74.665	49.799	39.702	-	39.702	36.934	23.726	40.830	41.475	131.312	468.044
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	29.601	74.665	49.799	39.702	-	39.702	36.934	23.726	40.830	41.475	131.312	468.044
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
LOW BAND TRANSMITTER Antenna Group (LBT AG): LBT AG provides an expanded jamming capability against Early Warning/Acquisition Radars and Communication Links of modern Integrated Air Defense Systems. LBT AG reliability and maintainability is greatly improved over current low band ALQ-99 Transmitters. ALQ-99 Transmitters are readily removed and installed Weapons Replaceable Assemblies within the ALQ-99 Tactical Jamming System (TJS) Pod. Aircraft Operational Flight Program changes are required to support aircraft integration of this transmitter.												
LBT AG replaces three AN/ALQ-99 transmitters and experiences new and greatly expanded employment in Overseas Contingency Operations (OCO), providing protection to Coalition air and ground units in continuous and direct contact with enemy forces. LBT AG combines the functionality of the modified transmitters into a single, highly reliable, solid state transmitter that increases both availability and mission effectiveness. LBT AG increases reliability and flexibility. OCO support requires sustained jamming and results in high system failure rates; however, LBT AG is an O-Level remove and replace item that supports hi-tempo operations. This capability will be available for all EA-6B/EA-18G aircraft, which includes four Naval Air Reserve aircraft. The Extended Low Band Radome currently flown on the EA-6B is structurally incompatible with the EA-18G. Production of compatible EA-18G Extended Low Band Radomes is required for integration of the ALQ-99 onto the EA-18G. Price growth in excess of OSD approved indicies in FY14 is due to decreased quantity and step-ladder pricing of the firm fixed price contracts.												
INSTALLATION EQUIPMENT N/R: ALQ-99 TJS obsolescence mitigation efforts, capability enhancements and reliability enhancements require non-recurring engineering for ALQ-99 TJS components such as the Hardback, the Universal Exciter Upgrade, LBT AG, Band 4 Transmitters, Band 5/6 Transmitters, Band 9/10 Transmitters, and Bands 7-8 Transmitters. Funds will also provide for ALE-43 obsolescence mitigation. Additionally, funds will provide for the re-engineering of depot support equipment in order to resolve ALQ-99 readiness degraders.												
ENGINEERING CHANGES: This Operational and Safety Improvement Program covers system modifications required to improve ALQ-99 reliability, maintainability, availability, resolve obsolescence issues, and correct deficiencies found in testing or in the field. Engineering changes are needed to enhance mission capability and integration of evolving Electronic Warfare systems, including the Area Chaff Dispenser (ALE-43), to address increased mission requirements and emerging threats in support of EA-6B, EA-18G, FA-18 Series, AV-8B, and rotary aircraft.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Airborne Electronic Attack (AEA) Systems (OSIP 007-11)
Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
SUPPORT EQUIPMENT: Introduction of new/modified ALQ-99 pod equipment requires new/modified organizational, intermediate, and depot level support equipment; such as modifications and additions to the ALQ-99 pod test set to support LBT AG and modifications to the High Power Device Test Set to extend frequency coverage to test Band 9/10 transmitters. Required changes to existing support equipment will improve reliability, maintainability, availability, address obsolescence issues, and correct deficiencies found in testing or in the field. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Following a competitive acquisition and Milestone II approval, Engineering and Manufacturing Prototype and Low Rate Initial Production (LRIP) testing conducted at government and contractor facilities successfully demonstrated the key performance parameters identified in Office of the Chief of Naval Operations/N88 ltr Ser No. N880C3/6S663399 of 26 JUL 96 can be attained with the present Low Band Transmitter (LBT) design. LRIP unit Testing began in April 2007, Milestone III was achieved in April 2008 and a Full Rate Production contract was awarded June 2008. In response to the increasing force protection requirement, an Early Operational Capability for LBT was met in August 2006.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (Modification Number - Modification Title): 1 - Airborne Electronic Attack (AEA) Systems (OSIP 007-11)					
Models of Systems Affected: MULTIPLE PLATFORMS				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Airborne Electronic Attack (AEA) Systems (OSIP 007-11)													
B Kits													
Recurring													
2.1.1) EXTENDED LOW BAND RADOME (GELBR) - Organic ⁽¹⁾	- / -	28 / 3.374	26 / 3.285	18 / 2.437	- / -	18 / 2.437	- / -	- / -	- / -	- / -	- / -	72 / 9.096	
2.1.10) CALORIMETER CHILLER SYSTEM - Organic	- / -	- / -	- / -	8 / 0.638	- / -	8 / 0.638	14 / 0.956	7 / 0.531	- / -	- / -	- / -	29 / 2.125	
2.1.11) HARDBACK - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 20.138	100 / 20.425	- / -	200 / 40.563	
2.1.12) LOW BAND TRANSMITTER - Organic ⁽²⁾	9 / 11.200	45 / 60.854	22 / 30.226	12 / 17.873	- / -	12 / 17.873	- / -	- / -	- / -	- / -	- / -	88 / 120.153	
Subtotal Recurring	9 / 11.200	73 / 64.228	48 / 33.511	38 / 20.948	- / -	38 / 20.948	14 / 0.956	7 / 0.531	100 / 20.138	100 / 20.425	- / -	389 / 171.937	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 9.675	- / 3.581	- / 7.019	- / 9.195	- / -	- / 9.195	- / 23.142	- / 12.044	- / 14.576	- / 14.836	- / 78.095	- / 172.163	
Subtotal Non-Recurring	- / 9.675	- / 3.581	- / 7.019	- / 9.195	- / -	- / 9.195	- / 23.142	- / 12.044	- / 14.576	- / 14.836	- / 78.095	- / 172.163	
Total, Airborne Electronic Attack (AEA) Systems (OSIP 007-11)	9 / 20.875	73 / 67.809	48 / 40.530	38 / 30.143	- / -	38 / 30.143	14 / 24.098	7 / 12.575	100 / 34.714	100 / 35.261	- / 78.095	389 / 344.100	
Total Procurement, All Modifications	9 / 20.875	73 / 67.809	48 / 40.530	38 / 30.143	- / -	38 / 30.143	14 / 24.098	7 / 12.575	100 / 34.714	100 / 35.261	- / 78.095	389 / 344.100	
Support													
3.1) Engineering Change Orders ⁽³⁾	- / 4.132	- / 1.805	- / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.937	
3.2) Data ⁽⁴⁾	- / 0.027	- / -	- / 0.047	- / 0.069	- / -	- / 0.069	- / 0.079	- / 0.100	- / -	- / -	- / -	- / 0.322	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment ⁽⁵⁾	- / 0.025	- / 3.245	- / 2.085	- / 3.576	- / -	- / 3.576	- / 5.678	- / 3.816	- / 1.681	- / 1.711	- / 14.582	- / 36.399	
3.5) ILS ⁽⁶⁾	- / 4.041	- / 1.806	- / 2.963	- / 4.187	- / -	- / 4.187	- / 4.280	- / 4.386	- / 4.393	- / 4.460	- / 38.011	- / 68.527	
3.6) Other Support ⁽⁷⁾	- / 0.501	- / -	- / 1.174	- / 1.727	- / -	- / 1.727	- / 2.799	- / 2.849	- / 0.042	- / 0.043	- / 0.624	- / 9.759	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	8.726	6.856	9.269	9.559	-	9.559	12.836	11.151	6.116	6.214	53.217	123.944	
Total Procurement and Support	29.601	74.665	49.799	39.702	-	39.702	36.934	23.726	40.830	41.475	131.312	468.044	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	29.601	74.665	49.799	39.702	-	39.702	36.934	23.726	40.830	41.475	131.312	468.044	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0513 - AEA Systems			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Airborne Electronic Attack (AEA) Systems (OSIP 007-11)	
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs:	
Manufacturer Information: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)							
Manufacturer Name: RADANT TECHNOLOGIES, INC - GELBR					Manufacturer Location: Stow, MA		
Administrative Leadtime (<i>in Months</i>): 9					Production Leadtime (<i>in Months</i>): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jun 2012	Jun 2013					
Delivery Dates	Jan 2013	Jan 2014					
Manufacturer Name: SENSOR AND ANTENNA SYSTEMS - LBT					Manufacturer Location: Lansdale, PA		
Administrative Leadtime (<i>in Months</i>): 6					Production Leadtime (<i>in Months</i>): 18		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012	Mar 2013	Mar 2014				
Delivery Dates	Sep 2014	Sep 2015	Sep 2016				
Manufacturer Name: TBD - Hardback					Manufacturer Location: TBD		
Administrative Leadtime (<i>in Months</i>): 6					Production Leadtime (<i>in Months</i>): 12		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates						Mar 2017	Mar 2018
Delivery Dates						Mar 2018	Mar 2019
Manufacturer Name: TBD - Calorimeter Chiller System					Manufacturer Location: TBD		
Administrative Leadtime (<i>in Months</i>): 6					Production Leadtime (<i>in Months</i>): 12		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014				
Delivery Dates			Mar 2015				
Installation: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)			Method of Implementation: Organic - EXTENDED LOW BAND RADOME (GELBR)			Installation Quantity: 72	
Installation: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)			Method of Implementation: Not Installed - CALORIMETER CHILLER SYSTEM			Installation Quantity: 29	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Airborne Electronic Attack (AEA) Systems (OSIP 007-11)
Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
Installation: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)	Method of Implementation: Not Installed - HARDBACK	Installation Quantity: 200
Installation: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)	Method of Implementation: Organic - LOW BAND TRANSMITTER	Installation Quantity: 88
Footnotes: (1) Extended Low Band Radone (GELBR) unit cost growth in excess of OSD approved indices in FY14 is due to decreased quantities and step-ladder pricing of the firm fixed price contract. (2) Low Band Transmitter unit cost growth in excess of OSD approved indices in FY14 is due to decreased quantities and step-ladder pricing of the firm fixed price contract. (3) Growth from FY12 to FY13 in excess of approved OSD indices is due to commencement of ALE-43 integration on the F/A-18E/F platform. (4) Cost growth in excess of approved OSD inflation indices is due to increased data requirements due to non-recurring engineering efforts. (5) Cost growth in excess of approved OSD inflation indices is due to procurement of re-engineered support equipment. (6) Cost growth in excess of approved OSD indices is due to increased requirements due to Band 4 and Band 5/6 obsolescence mitigation. (7) Other support cost growth in excess of approved OSD inflation indices is due to phasing of obsolescence mitigation efforts in FY14 and FY15.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)				
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY					Related RDT&E PEs: 0604270N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	0.200	-	-	-	-	-	-	-	-	0.200
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	0.200	-	-	-	-	-	-	-	-	0.200
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	0.200	-	-	-	-	-	-	-	-	0.200
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Airborne Electronic Attack Expendable (AEAE) program will address unmitigated Integrated Air Defense System threats in the mid term by implementing ADM-160 Miniature Air Launched Decoy-Jammer (MALD-J) expendable active electronic attack variant platforms capable of deception and jamming against multi-function phased array Target Engagement Radars and other Electronic Warfare threats. Additionally, the AEAE program will also field the Countermeasure Expendable with Replaceable Block Elements for Reactive Unmanned Systems (CERBERUS) payload for the MALD-J. This program will produce and field a tactical air launched decoy with jammer payloads capable of being supported and maintained in future years. Original efforts assessed the Improved Tactical Air-Launched Decoy - Jammer (ITALD-J) vehicle, and will now assess use and modifications of the Miniature Air Launched Decoy (MALD) vehicle and payloads to meet operational requirements in naval scenario and environments, and to correct deficiencies. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Modification of AEAE payload within ITALD-J capabilities complete. Efforts will purchase modified MALD platforms to support Electronic Attack System (EAS) jammer payload.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)				

Models of Systems Affected: MULTIPLE PLATFORMS				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs: 0604270N				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
N/A												
Total, N/A	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Support												
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / -	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	0.200	-	-	-	-	-	-	-	-	0.200
Total Procurement and Support	0.000	-	0.200	-	-	-	-	-	-	-	-	0.200
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	-	0.200	-	-	-	-	-	-	-	-	0.200

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0513 - AEA Systems		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)		
Models of Systems Affected: MULTIPLE PLATFORMS		Type Modification: RELIABILITY / MISSION CAPABILITY		Related RDT&E PEs: 0604270N			
Manufacturer Information: N/A							
Manufacturer Name: N/A			Manufacturer Location: N/A				
Administrative Leadtime (<i>in Months</i>):			Production Leadtime (<i>in Months</i>):				
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: N/A		Method of Implementation: Support Only Installation			Installation Quantity: 0		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Intrepid Tiger II (ALQ-231) (OSIP 022-12)				
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	7.700	-	-	-	-	-	-	-	-	-	7.700
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	7.700	-	-	-	-	-	-	-	-	-	7.700
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	7.700	-	-	-	-	-	-	-	-	-	7.700
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Effort for Intrepid Tiger II capabilty is designed to expand Electronic Warfare (EW) effectiveness against current threats and provide adaptability to future threats. Key to this capability is network accessibility that includes Collaborative On-Line Reconnaissance Provider/Operationally Responsive Attack Link derived infrastructure and EW services for integration on multiple aviation platforms including the AV-8B Harrier, F/A-18, and Unmanned Air System platforms. The design includes Open Architecture compliant and easily expandable hardware and software. Technique Generator Upgrades: Upgrades will enable new techniques to provide additional capability that counters existing and anticipated threat systems while maintaining an open architecture to allow future counter threat upgrades. Antenna Upgrades: Upgrades will expand transmit and receive frequency coverage to that of current and anticipated threat systems dynamically operating in a broad spectrum. Network and EW Services Upgrade: Will enable a non-co-located operator access to pod functions and information exchanges via radio signals to enhance operational and tactical flexibility. Interface Upgrades: Will enable ground and air based users to configure and monitor pod status, operation and effectiveness. Other Supporting Upgrades: Includes hardware and software components that enable functions of power, cooling, status, control and connectivity as through processors, sensors, radios, Radio Frequency components and support equipment critical to overall pod and system operation to include techniques, mission planning, operational execution, postflight analysis and shipping containers. SUPPORT EQUIPMENT: Introduction of new/modified ALQ-231 equipment requires new/modified organizational, intermediate and depot level support equipment. Changes to existing support equipment will be needed to improve reliability/maintainability/availability, address obsolescence issues, and correct deficiencies found in testing or in the field. ENGINEERING CHANGES: This ALQ-231 Program covers system modifications required to improve reliability/maintainability/availability, enhance mission capability, interface/integrate with evolving Electronic Attack systems, resolve obsolescence issues, and correct deficiencies found in testing or in the field. In FY13, Intrepid Tiger II (ALQ-231) moved from PE 0204154N BLI 0513 to PE 0206143M BLI 0587 to align effort with Resource Sponsor.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - Intrepid Tiger II (ALQ-231) (OSIP 022-12)
Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (Modification Number - Modification Title): 3 - Intrepid Tiger II (ALQ-231) (OSIP 022-12)					
Models of Systems Affected: MULTIPLE PLATFORMS				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Intrepid Tiger II (ALQ-231) (OSIP 022-12)													
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic	- / -	8 / 4.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 4.900	
Subtotal Recurring	- / -	8 / 4.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 4.900	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / -	- / 1.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.400	
Subtotal Non-Recurring	- / -	- / 1.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.400	
Total, Intrepid Tiger II (ALQ-231) (OSIP 022-12)	- / -	8 / 6.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 6.300	
Total Procurement, All Modifications	- / -	8 / 6.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 6.300	
Support													
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / -	- / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.200	
3.6) Other Support	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	1.400	-	-	-	-	-	-	-	-	-	1.400	
Total Procurement and Support	0.000	7.700	-	-	-	-	-	-	-	-	-	7.700	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	7.700	-	-	-	-	-	-	-	-	-	7.700	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0513 - AEA Systems			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Intrepid Tiger II (ALQ-231) (OSIP 022-12)	
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs:	
Manufacturer Information: Intrepid Tiger II (ALQ-231) (OSIP 022-12)							
Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012						
Delivery Dates	Aug 2012						
Installation: Intrepid Tiger II (ALQ-231) (OSIP 022-12)							
Method of Implementation: Organic - Installation Equipment				Installation Quantity: 8			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (Modification Number - Modification Title): 4 - Area Chaff Dispenser (OSIP 012-14)				
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	8.800	-	8.800	22.656	19.865	1.025	1.057	15.328	68.73
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	8.800	-	8.800	22.656	19.865	1.025	1.057	15.328	68.73
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	8.800	-	8.800	22.656	19.865	1.025	1.057	15.328	68.73
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
The ALE-43 Chaff Dispenser is the sole Area Chaff Dispenser approved for United States Navy and United States Marine Corps tactical aircraft. The current ALE-43 chaff dispenser, qualified on EA-6B and F/A-18C/D, requires form factor and control interface modifications to remain available for fleet usage due to the fleet migration to a common tactical airframe in the F/A-18 E/F. Modifications include a form factor change into a current F/A-18E/F approved pod shape such as the AN/ASD-12 Shared Reconnaissance Pod and pod level Operational Flight Program changes. Associated internal structural and service modifications are also required. Capability, flexibility, and adaptability will improve via control interface and chaff cutter mechanism improvements.												
INSTALLATION EQUIPMENT N/R: Non-recurring engineering efforts are required in order to ensure proper integration of the ALE-43 pod onto the F/A-18 E/F platform.												
SUPPORT EQUIPMENT: Introduction of new/modified Area Chaff Dispensing equipment requires new/modified organizational, intermediate and depot level support equipment. Changes to existing support equipment will be needed to improve reliability, maintainability, availability, address obsolescence issues, and correct deficiencies found in testing or in the field.												
ENGINEERING CHANGES: This Area Chaff Dispensing Program covers system modifications required to improve reliability, maintainability, availability, enhance mission capability, interface and integrate with evolving Electronic Attack systems, resolve obsolescence issues, and correct deficiencies found in testing or in the field.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (Modification Number - Modification Title): 4 - Area Chaff Dispenser (OSIP 012-14)				
Models of Systems Affected: MULTIPLE PLATFORMS				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Area Chaff Dispenser (OSIP 012-14)												
B Kits												
Recurring												
1.1.1) Installation Equipment - Organic ⁽⁸⁾												
Subtotal Recurring												
Non-Recurring												
1.2.1) Installation Equipment N/R - Organic												
Subtotal Non-Recurring												
Total, Area Chaff Dispenser (OSIP 012-14)												
Total Procurement, All Modifications												
Support												
2.1) ECO												
2.2) Data												
2.3) Training Equipment												
2.4) Support Equipment												
2.5) ILS												
2.6) Other Support												
2.7) Interim Contractor Support												
Total Support, All Modifications												
Total Procurement and Support												
Total Installation Cost												
Total Cost (Procurement + Support + Installation)												

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0513 - AEA Systems			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Area Chaff Dispenser (OSIP 012-14)	
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs:	
Manufacturer Information: Area Chaff Dispenser (OSIP 012-14)							
Manufacturer Name: TBD					Manufacturer Location: TBD		
Administrative Leadtime (<i>in Months</i>): 6					Production Leadtime (<i>in Months</i>): 12		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		
Delivery Dates				Mar 2016	Mar 2017		
Installation: Area Chaff Dispenser (OSIP 012-14)							
Method of Implementation: Not Installed - Installation Equipment				Installation Quantity: 25			
Footnotes: ⁽⁸⁾ Quantity based on number of ALE-43 pods. Each ALE-43 pod flown on the F/A-18E/F will have two cutter systems for a total of 50 cutter systems.							

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0514 - AV-8 Series					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s): 530												
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	934.481	98.233	80.941	41.575	-	41.575	50.654	26.218	20.621	36.897	388.454	1,678.074
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	934.481	98.233	80.941	41.575	-	41.575	50.654	26.218	20.621	36.897	388.454	1,678.074
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	934.481	98.233	80.941	41.575	-	41.575	50.654	26.218	20.621	36.897	388.454	1,678.074
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION: This line item funds modifications to T/AV-8B aircraft. The AV-8B is a single engine, single crew member aircraft capable of vertical/short take-off and landing operations. The AV-8B meets the Marine Corps requirements for a light attack aircraft to provide responsive offensive air power that can operate from ships and austere forward bases in direct support of ground forces. The overall goal of the modifications budgeted in FY 2014 is to continue incorporation of Obsolescence Replacement/Readiness Management Plan systems; electrical and structural changes; upgrade air-to-air weapon system employment and integration components; inventory sustainment and upgrade efforts to offset obsolescence and attrition; incorporation of Litening Pod upgrades; and incorporation of AV-8B F402-RR-408 engine safety and operational changes. The FY12 Overseas Contingency Operations (OCO) funding continues Expeditionary Litening Pod procurements. The FY13 OCO funding completes G4 Expeditionary Litening Pod procurements and begins Expeditionary Litening Pod upgrades and software/firmware validation. The AV-8B active inventory (February 2013) consists of 4 major configurations: 16 Two-Seat T/AV-8B Aircraft 1 Day Attack Aircraft 1 Day Attack Upgrade Aircraft 34 Night Attack Aircraft 82 RADAR Remanufacture Aircraft Retrofit quantities of each Engineering Change Proposal (ECP) vary by aircraft configuration type & inventory when the change was introduced into production. Retrofit quantities of each ECP also vary depending on whether the ECP applies to the airframe or an individual Weapons Replaceable Assembly. NOTE: Six RADAR Reman aircraft combat losses in Operation Enduring Freedom (OEF) September 2012.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0514 - AV-8 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s): 530																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - AV-8B LITENING POD (OSIP 023-00)	P3A				348.021			68.251			44.240			2.346			-			2.346
2 - ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	P3A				40.102			4.557			3.946			4.235			-			4.235
3 - ALE-47 (OSIP 025-04)	P3A				19.259			2.929			-			-			-			-
4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)	P3A				67.793			22.197			32.755			34.994			-			34.994
5 - AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)	P3A				52.660			0.299			-			-			-			-
6 - Inactive Osips	P3A				406.646			-			-			-			-			-
Total Gross/Weapon System Cost					934.481			98.233			80.941			41.575			-			41.575

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - AV-8B LITENING POD (OSIP 023-00)	P3A				4.709			4.756			2.296			17.057			251.223			742.899
2 - ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	P3A				4.063			3.933			4.012			4.074			18.509			87.431
3 - ALE-47 (OSIP 025-04)	P3A				-			-			-			-			-			22.188
4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)	P3A				41.882			17.529			14.313			15.766			118.722			365.951
5 - AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)	P3A				-			-			-			-			-			52.959
6 - Inactive Osips	P3A				-			-			-			-			-			406.646
Total Gross/Weapon System Cost					50.654			26.218			20.621			36.897			388.454			1,678.074

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0514 - AV-8 Series
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): 530		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: Non-Recurring Engineering/Data (baseline/OCO) fluctuates per fiscal year due to complexity of ECP's and/or software upgrades.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AV-8B LITENING POD (OSIP 023-00)			

Models of Systems Affected: AV-8B Night Attack & Radar/Reman				Type Modification: Upgrade				Related RDT&E PEs:			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	348.021	68.251	44.240	2.346	-	2.346	4.709	4.756	2.296	17.057	251.223	742.899
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	348.021	68.251	44.240	2.346	-	2.346	4.709	4.756	2.296	17.057	251.223	742.899
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	348.021	68.251	44.240	2.346	-	2.346	4.709	4.756	2.296	17.057	251.223	742.899

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION:

The system will integrate and procure an external targeting pod that includes an infrared and low-light television targeting device capable of detecting, classifying, auto-tracking, and designating air-to-surface targets. The system will support first-pass autonomous delivery of conventional, precision guided and accurate munitions to include Laser Maverick, Guided Bomb Unit (GBU)-12, GBU-16, and Joint Direct Attack Munitions. The system will provide targeting capabilities for the AV-8B Fleet of Night Attack and Radar aircraft through the end of its service life. Since inception of the LITENING program, various upgrades have been achieved, such as the introduction of the LITENING II Targeting Pod which gave the AV-8B (Night and Radar) the capability to perform precision targeting; and the integration of LITENING capability on the AV-8B Station 4/Centerline to support the movement of the LITENING targeting pod to the AV-8B centerline station allowing both carriage of both left and right hand configured pods, which increased AV-8B ordnance capacity by 200%. Reduced sensor masking and elimination of asymmetry problems associated with targeting pod carriage on a wing station will yield better aircraft handling, increased bring-back capability, and significantly increased combat effectiveness in support of Overseas Contingency Operations (OCO). In 2008, the AV-8B Program Office was designated as the single management authority in order to procure, integrate, and manage the LITENING Pod program on all United States Marine Corps (USMC) (AV-8B/F/A-18/EA-6B) platforms in order to maintain commonality within the USMC Tactical Air (TACAIR) for LITENING capabilities. Under this structure, the G4 LITENING pod is being procured and integrated on the AV-8B, F/A-18, and EA-6B platforms via aircraft Operational Flight Programs (OFPs), to include AV-8B H6.1, F/A-18 23X, 25X, and EA-6B Block 6. This funding also procures further G4 Pods and associated Datalink IIs toward the USMC required quantity of 239. The FY12 OCO funding continues LITENING G4/Datalink II procurements as well as completes the Common OFP, and procures associated support equipment and logistics data. The G4 upgrade vastly improves combat capabilities through increased coverage, expanded Improvised Explosive Device detection capability, and expanding range of video downlink to support ground units equipped with Remote Operated Video Enhanced Receiver (ROVER) and Video Scout ground stations. Theater Joint Tactical Air Requests are specifically requesting LITENING Datalink capabilities for Intelligence, Surveillance, and Reconnaissance. The upgrade doubles the Forward Looking Infrared resolution, and adds Laser Target Image Processing for enhanced detection and targeting capability; increasing the survivability and effectiveness of ground forces. This funding will ensure completion of that required upgrades for all three USMC TACAIR Expeditionary platforms that are currently supporting Operation Enduring Freedom and OCO combat operations, and all Commandant of the Marine Corps directed pre-deployment training requirements. FY13 OCO in the amount of \$42.2M completes the procurement of LITENING G4 Pods, begins upgrading Block 1 to G4 configured pods, and will fund required LITENING Pod software upgrade validation and integration.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AV-8B LITENING POD (OSIP 023-00)
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
The LITENING Targeting Pod is a non-developmental item and has been in full production for several years. It was a winner of a targeting Forward Looking Infrared competition for the Air Force Reserve and the Air National Guard and put in service on their F-16s 2nd Qtr FY00. The design, integration, and testing of the Targeting Pod for the AV-8B was done on the Radar and/or Night Attack during 3rd Qtr FY00. The integration utilized existing aircraft software, a weapons station adapter, and Targeting Pod interface software. Additional full LITENING integration to utilize targeting information from the LITENING Pod to create aircraft targeting solutions was introduced under the H2.0 OFP. Video Datalink with the ability to transmit LITENING Pod video (to ROVER III ground stations utilized by Forward Air Controllers) was introduced as ROVER upgrades. The ability to carry the LITENING Pod on AV-8B wing stations 2, 5, and 6 and multi-target cueing was introduced in the H4.0 OFP, and carriage was expanded to the AV-8B centerline station 4 in the H5.0 OFP. OCO funding continues procurement of G4 LITENING Pod and associated Datalink II for USMC expeditionary platforms (AV-8B, F/A-18, and EA-6B) and also funds Litening Pod OFPs development and integration on all USMC LITENING Pod capable platforms, as well as associated training equipment. This integration of the Common LITENING Pod OFP will be achieved via aircraft platform software Common Operational Flight Programs (OFPs). FY12 Overseas Contingency Operations (OCO) funding continues G4 procurement and procures LITENING Pod peculiar support equipment to enable the loading of Pods onto deployed aircraft, as well as will complete fielding of the Common LITENING Pod OFP. Complete the G4 LITENING Pod procurement, will begin the upgrade of Block 1 configured LITENING Pods to G4 configuration, and will validate required LITENING Pod software/firmware upgrades.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (Modification Number - Modification Title): 1 - AV-8B LITENING POD (OSIP 023-00)			
Models of Systems Affected: AV-8B Night Attack & Radar/Reman			Type Modification: Upgrade					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AV-8B LITENING POD (OSIP 023-00)												
A Kits												
Recurring												
1.1.1) Litening PD/ROVER Upgrade - Organic	2 / 4.886	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.886
1.1.2) Night - Organic	44 / 0.106	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 0.106
1.1.3) Radar - Organic	47 / 0.097	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 0.097
1.1.4) Reman - Organic	47 / 0.097	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 0.097
1.1.5) Pod Retrofit Kits (ER to AT) - Organic	47 / 3.944	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 3.944
1.1.6) Station 2/5/6 Wiring Kits (multi station) - Organic	127 / 1.875	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	127 / 1.875
1.1.7) Station 4 Wiring Kits - NonOrganic ⁽¹⁾	119 / 6.431	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	119 / 6.431
Subtotal Recurring	433 / 17.436	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	433 / 17.436
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 7.786	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.786
Subtotal Non-Recurring	- / 7.786	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.786
B Kits												
Recurring												
2.1.1) CFE Litening PODs - Organic	96 / 124.602	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	96 / 124.602
2.1.2) Pod Upgrade Kits (AV-8B) - Organic	43 / 10.276	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 10.276
2.1.3) Pod Upgrade Kits (BLOCK 1 to GEN4) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.948	1 / 1.969	- / -	7 / 14.080	- / -	9 / 17.997
2.1.4) Pod Upgrade Kits (BLOCK 1 to GEN4) OCO - Organic ⁽²⁾	1 / 1.462	1 / 1.462	13 / 19.939	- / -	- / -	- / -	- / -	- / -	- / -	- / -	97 / 197.196	112 / 220.059
2.1.5) GEN4 LITENING PODs - Organic	21 / 39.678	8 / 14.182	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 53.860
2.1.6) GEN4 LITENING PODs (OCO) - Organic	18 / 34.300	24 / 42.217	6 / 13.062	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 89.579
2.1.7) Datalink II - Organic	3 / 0.383	13 / 1.638	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 2.021
2.1.8) Datalink II (OCO) - Organic	20 / 2.753	9 / 1.199	8 / 1.540	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 5.492
Subtotal Recurring	202 / 213.454	55 / 60.698	27 / 34.541	- / -	- / -	- / -	1 / 1.948	1 / 1.969	- / -	7 / 14.080	97 / 197.196	390 / 523.886
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic ⁽³⁾	- / 9.953	- / -	- / -	- / 0.175	- / -	- / 0.175	- / 0.797	- / 0.795	- / 0.336	- / 0.902	- / 35.124	- / 48.082
2.2.2) Installation Equipment N/R (OCO) - Organic	- / 20.119	- / 3.875	- / 2.398	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 26.392
Subtotal Non-Recurring	- / 30.072	- / 3.875	- / 2.398	- / 0.175	- / -	- / 0.175	- / 0.797	- / 0.795	- / 0.336	- / 0.902	- / 35.124	- / 74.474

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AV-8B LITENING POD (OSIP 023-00)				

Models of Systems Affected: AV-8B Night Attack & Radar/Reman				Type Modification: Upgrade				Related RDT&E PEs:				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Total, AV-8B LITENING POD (OSIP 023-00)</i>	635 / 268.748	55 / 64.573	27 / 36.939	- / 0.175	- / -	- / 0.175	1 / 2.745	1 / 2.764	- / 0.336	7 / 14.982	97 / 232.320	823 / 623.582
<i>Total Procurement, All Modifications</i>	635 / 268.748	55 / 64.573	27 / 36.939	- / 0.175	- / -	- / 0.175	1 / 2.745	1 / 2.764	- / 0.336	7 / 14.982	97 / 232.320	823 / 623.582
Support												
3.1) Engineering Change Orders	- / 1.748	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.748
3.2) Data ⁽⁴⁾	- / 0.034	- / 0.050	- / -	- / 0.075	- / -	- / 0.075	- / 0.206	- / 0.208	- / 0.158	- / 0.234	- / 2.096	- / 3.061
3.3) Data (OCO)	- / 0.281	- / 0.371	- / 0.335	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.987
3.4) Training Equipment	- / 7.635	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.288	- / 8.923
3.5) Training Equipment (OCO) ⁽⁵⁾	- / 8.018	- / -	- / 4.034	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.052
3.6) Support Equipment	111 / 2.136	- / -	- / -	- / -	- / -	- / -	- / 0.144	- / 0.146	- / 0.147	- / 0.149	- / 4.835	111 / 7.557
3.7) Support Equipment (OCO)	- / 3.129	- / 1.230	- / 0.428	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.787
3.8) ILS	- / 3.018	- / 0.315	- / 0.254	- / 0.257	- / -	- / 0.257	- / 0.262	- / 0.265	- / 0.268	- / 0.270	- / 2.187	- / 7.096
3.9) ILS (OCO)	- / 0.552	- / 0.202	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.754
3.10) Other Support ⁽⁶⁾	- / 48.261	- / 0.940	- / 1.290	- / 1.326	- / -	- / 1.326	- / 1.352	- / 1.373	- / 1.387	- / 1.422	- / 8.497	- / 65.848
3.11) Other Support (OCO)	- / 3.022	- / -	- / 0.503	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.525
3.12) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Support, All Modifications</i>	77.834	3.108	6.844	1.658	-	1.658	1.964	1.992	1.960	2.075	18.903	116.338
<i>Total Procurement and Support</i>	346.582	67.681	43.783	1.833	-	1.833	4.709	4.756	2.296	17.057	251.223	739.920
AV-8B LITENING POD (OSIP 023-00) Installation Cost	- / 1.439	- / 0.570	- / 0.457	- / 0.513	- / -	- / 0.513	- / -	- / -	- / -	- / -	- / -	- / 2.979
<i>Total Installation Cost</i>	- / 1.439	- / 0.570	- / 0.457	- / 0.513	- / -	- / 0.513	- / -	- / -	- / -	- / -	- / -	- / 2.979
Total Cost (Procurement + Support + Installation)	348.021	68.251	44.240	2.346	-	2.346	4.709	4.756	2.296	17.057	251.223	742.899

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0514 - AV-8 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AV-8B LITENING POD (OSIP 023-00)		
Models of Systems Affected: AV-8B Night Attack & Radar/Reman		Type Modification: Upgrade			Related RDT&E PEs:		

Manufacturer Information: AV-8B LITENING POD (OSIP 023-00)							
Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: AV-8B LITENING POD (OSIP 023-00)				Method of Implementation: Various				Installation Name: Station 4 Wiring Kits				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	63 / 1.439	23 / 0.570	18 / 0.457	15 / 0.513	0 / 0.000	15 / 0.513	- / -	- / -	- / -	- / -	- / -	119 / 2.979
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	63 / 1.439	23 / 0.570	18 / 0.457	15 / 0.513	- / -	15 / 0.513	- / -	- / -	- / -	- / -	- / -	119 / 2.979

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	63	6	6	6	5	4	5	5	4	4	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	119
Out	63	6	6	6	5	4	5	5	4	4	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	119

Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Litening PD/ROVER Upgrade	Installation Quantity: 2
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Night	Installation Quantity: 44

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AV-8B LITENING POD (OSIP 023-00)
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Radar	Installation Quantity: 47
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Reman	Installation Quantity: 47
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Pod Retrofit Kits (ER to AT)	Installation Quantity: 47
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Station 2/5/6 Wiring Kits (multi station)	Installation Quantity: 127
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - CFE Litening PODs	Installation Quantity: 96
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Pod Upgrade Kits (AV-8B)	Installation Quantity: 43
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Pod Upgrade Kits (BLOCK 1 to GEN4)	Installation Quantity: 9
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Pod Upgrade Kits (BLOCK 1 to GEN4) OCO	Installation Quantity: 112
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - GEN4 LITENING PODs	Installation Quantity: 29
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - GEN4 LITENING PODs (OCO)	Installation Quantity: 48
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Datalink II	Installation Quantity: 16
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Datalink II (OCO)	Installation Quantity: 37
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 111
Footnotes: (1) Kits and Installs for item 1.1.7 will not match due to attrition. (2) 2.1.4) Pod upgrade kit cost has increased from FY13 to FY15 by more than inflation rate due to lower total procurement quantities and lack of synergies with the United States Air Force who is finishing upgrades.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AV-8B LITENING POD (OSIP 023-00)
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
(3) 2.2.1 NRE amounts fluctuate per fiscal year due to changes in upgrade efforts planned for each year. The number, type, and complexity of software / firmware upgrades planned each year determine NRE costs. (4) 3.2 Data amounts fluctuate per fiscal year due to changes in publication efforts planned for each year. The pubs cost changes due to number, type, and complexity of software / firmware planned each year. (5) 3.5) Training Equipment (OCO) FY13 Trainer cost increased due to movement of common Operational Flight Program (OFP). H6.1 trainer upgrades moved to current year from FY11 due to FY13 award timeline. (6) 3.10) Other Support decreases in FY14 due to planned FY13 completion of the Common OFP development/validation efforts across all three expeditionary LITENING platforms, AV-8B, F/A-18, and EA-6B. As FY14 funds less extensive software/firmware upgrades, less personnel support is required.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)				
Models of Systems Affected: AV-8B Night Attack & Radar/Reman			Type Modification: Upgrade					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	40.102	4.557	3.946	4.235	-	4.235	4.063	3.933	4.012	4.074	18.509	87.431
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	40.102	4.557	3.946	4.235	-	4.235	4.063	3.933	4.012	4.074	18.509	87.431
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	40.102	4.557	3.946	4.235	-	4.235	4.063	3.933	4.012	4.074	18.509	87.431
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: The AV-8B is a single engine aircraft with unique capabilities. The Vertical/Short Take-off Landing environment is very unforgiving and allows no tolerance for engine problems. In the past, the Pegasus F402 has suffered from a sub-optimal safety and reliability record. The Engine Life Management Program is a comprehensive program to increase safety of flight and operational readiness of the AV-8B F402-RR-408 Engine. Funding provided is to incorporate Engineering Change Proposals (ECP) to increase safety of flight and operational readiness of the F-402-RR-408 Engine. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The Engine Life Management Program was developed in October 2000. Operational, Safety and Improvement Program 02-04 supports the Harrier AV-8B Engine Life Management Program (ELMP) through Aircraft Procurement, Navy funding. Power Plant changes are required throughout the aircraft service life as the aircraft ages and operationally revealed deficiencies are discovered, researched, and solutions engineered. The Component Improvement Program, which is Research Development Test & Evaluation funded, provides for the development and demonstration of the engineered solutions to these deficiencies and Power Plant changes are initiated through the ECP process. The power plant program procures the necessary kits, installation, non-recurring engineering, peculiar support equipment, and technical data. The kits provided are for engine and propulsion related hardware to support the AV-8B F402-RR-408 engine such as Nozzle Guide Vanes, Pilot Lever Angle Units, Fuel Control Units, Generator Turbine Starters and accessory components, rotors and vanes for compressor sections, power turbines, combustion sections, exhaust ducts, engine monitor systems, and blade and vane coatings and foils to improve Foreign Object Damage tolerance. The purpose of the program is to increase safety of flight and operational readiness of the AV-8B F402-RR-408 Engine. The ELMP is comprised of several Engineering Project Description (EPD) investigations and Engine Endurance Tests. The EPD investigations and Endurance Tests provide data points for existing Fleet problems and predict future engineering issues of the F402-RR-408 propulsion system. ECPs resulting from Engineering Investigations and Endurance Test results will be researched. Their development will be formalized under the development program and incorporated into the F402-RR-408 via OSIP 02-04. Integrated Logistics Support funds logistics support efforts in coordination with the AV-8B international partners. Current Active Modifications: ECP - 3629 Revised Oil Breather Vent Pipe												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
ECP - 3705 AYC1375 Comb MRA 2 Piece Bottom Heat Shield ECP - 3754 HP8 Pipe Clamps ECP - 3782 AYC 1380 LPC Casing Rear Lip, Pins ECP - 3800 AYC 1374, QEC 3 ECP - 3806 Rear Nozzle Trimmers ECP - 3852 R1 LPC 2/3 Vanes Hard Coating ECP - 3854 R2 LPC3 Vane Sealing Strip ECP - 3898 Replacement Gears, GB ECP - 3897 R1 HPT 1&2 ECP - 3892 LPC Rotor 2 Blade with Revised Stagger Angle ECP - 3904 Encapsulated Revision ECP - 3911 F402 LPC 1 Blade Root LPB Production Processing ECP - 3912 F402 LPC Stage 1 Disk Slots LPB Production Processing ECP - 3907 Gears External to Engine GB ECP - 3909 Fuel Manifold Drainpipe Redesign ECP - 1040 GTS ALT Drive Case The following TBD ECP's are revisions to improve durability and increase component life and or introduce new parts due to obsolescence. Future Modifications: ECP - TBD #2 Bearing Redesign ECP - TBD Air Turbine Starter Obsolescence ECP - TBD CCOC Thermocouples ECP - TBD Control System Obsolescence ECP - TBD DCU Redesign ECP - TBD DECU Obsolescence ECP - TBD DECU Phase Software ECP - TBD Engine Adapter Reliability Improvements ECP - TBD Event Indicator Improvement ECP - TBD EVICS HMU Pilot Valve ECP - TBD EVICS IDEC POR Correction ECP - TBD EVICS Obsolescence ECP - TBD Final Drive End ECP - TBD FMU Obsolescence ECP ECP - TBD GTS Brake Seal ECP - TBD GTS Events Indicator ECP - TBD GTS Quill Drive Shaft/Bearing ECP - TBD GTS Shutoff Dump Valve Lever ECP - TBD HPC Vane Modification ECP - TBD In-Service Oil Analysis		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
ECP - TBD LPB Improvements ECP - TBD LPC 1 Blade Dovetail Coatings (LPB) ECP - TBD LPC 1 Blade FOD Tolerance (LPB) ECP - TBD LPC1 Vane Thick Trailing Edge ECP - TBD LPCI Redesign ECP - TBD LPT1 Liner ECP - TBD New Break-in Box With Expanded Capability ECP - TBD New Starter Contactor - Improved Reliability ECP - TBD Nozzle and Spigot Ring Assembly Reliability Improvement ECP - TBD Obsolescence, Protection Unit ECP - TBD Obsolescence, Starter Contactor ECP - TBD Obsolescence, Starter Motor ECP - TBD PLAU Shut Off Valve ECP - TBD Power Turbine Totor Blade Failure Fix ECP - TBD SET 2006-F402-01 (LPB Vanes) ECP - TBD Thrust Push Improvements Archived Modifications: ECP-3843 SAND TOLERANCE ECP-589 MAGNETIC CHIP DETECTOR		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (Modification Number - Modification Title): 2 - ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)				
Models of Systems Affected: AV-8B Night Attack & Radar/Reman				Type Modification: Upgrade					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)													
A Kits													
Recurring													
1.1.3) A Kits/Recurring - ARCHIVED ECPs - Organic	444 / 11.049	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	444 / 11.049	
Subtotal Recurring	444 / 11.049	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	444 / 11.049	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 0.104	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.104	
Subtotal Non-Recurring	- / 0.104	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.104	
B Kits													
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	
Subtotal Non-Recurring	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	
Total, ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	444 / 11.553	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	444 / 11.553	
Total Procurement, All Modifications	444 / 11.553	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	444 / 11.553	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 3.148	- / 0.438	- / 0.456	- / 0.475	- / -	- / 0.475	- / 0.500	- / 0.525	- / 0.525	- / 0.525	- / 2.231	- / 8.823	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 10.861	- / 1.490	- / 0.959	- / 1.230	- / -	- / 1.230	- / 1.054	- / 1.013	- / 1.023	- / 1.023	- / 1.546	- / 20.199	
3.5) ECP TBD LPC1 Redesign	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300	- / 0.300	
3.6) ECP TBD CCOC Thermocouples	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300	- / 0.300	
3.7) ECP TBD FMU Obsolescence	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	192 / 3.000	192 / 3.000	
3.8) ECP TBD #2 Bearing Redesign	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300	- / 0.300	
3.9) ECP TBD EVICS Obsolescence	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	194 / 6.000	194 / 6.000	
3.10) Generator Control Unit Test Set Obsolescence	- / -	- / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.700	
3.11) EVICS Interrogator	- / -	- / -	3 / 0.150	3 / 0.155	- / -	3 / 0.155	- / -	- / -	- / -	- / -	- / -	6 / 0.305	
3.12) ECP-TBD GTS Improvements	- / -	- / -	- / 0.500	- / 0.525	- / -	- / 0.525	- / 0.577	- / 0.600	- / 0.630	- / 0.630	- / -	- / 3.462	
3.13) ECP 3852 R1 LPC 2/3 Vanes Hard Coating	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300	- / 0.300	- / 0.300	- / -	- / -	- / 0.900	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)				

Models of Systems Affected: AV-8B Night Attack & Radar/Reman			Type Modification: Upgrade					Related RDT&E PEs:				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.14) ILS	- / 10.766	- / 1.615	- / 1.571	- / 1.552	- / -	- / 1.552	- / 1.325	- / 1.228	- / 1.249	- / 1.611	- / 3.583	- / 24.500
3.15) Other Support	- / 3.774	- / 0.314	- / 0.310	- / 0.298	- / -	- / 0.298	- / 0.307	- / 0.267	- / 0.285	- / 0.285	- / 1.249	- / 7.089
3.16) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	28.549	4.557	3.946	4.235	-	4.235	4.063	3.933	4.012	4.074	18.509	75.878
Total Procurement and Support	40.102	4.557	3.946	4.235	-	4.235	4.063	3.933	4.012	4.074	18.509	87.431
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	40.102	4.557	3.946	4.235	-	4.235	4.063	3.933	4.012	4.074	18.509	87.431

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0514 - AV-8 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	
Models of Systems Affected: AV-8B Night Attack & Radar/Reman			Type Modification: Upgrade			Related RDT&E PEs:	
Manufacturer Information: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)							
Method of Implementation: Organic - A Kits/Recurring - ARCHIVED ECPs			Installation Quantity: 444				
Installation: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)							
Method of Implementation: Not Installed - ECP TBD FMU Obsolescence			Installation Quantity: 192				
Installation: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)							
Method of Implementation: Not Installed - ECP TBD EVICS Obsolescence			Installation Quantity: 194				
Installation: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)							
Method of Implementation: Organic - EVICS Interrogator			Installation Quantity: 6				

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - ALE-47 (OSIP 025-04)			

Models of Systems Affected: AV-8B				Type Modification: Upgrade				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	19.259	2.929	-	-	-	-	-	-	-	-	-	22.188
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	19.259	2.929	-	-	-	-	-	-	-	-	-	22.188
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	19.259	2.929	-	-	-	-	-	-	-	-	-	22.188
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION:

ALE-47 is a form-fit enhanced functionality countermeasures dispenser system replacement for the obsolete ALE-39. The ALE-47 installs more reliable digital sequencers and dispenser magazines to improve aircraft readiness. The Warfare Management Computer (WMC) software will be modified to allow full ALE-47 functionality. FY09 & FY12 Overseas Contingency Operations funds are provided for the procurement and installation of 125 ALE-47 wiring kits. These kits will provide the deployed fleet with increased readiness, reducing the risk associated with the limited electronic warfare capabilities that the current ALE-39 configuration provides. This effort provides for the update of the WMC Software and procurement of additional hardware to bring the present day system up to full ALE-47 functionality.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Improves aircraft readiness by replacing failure prone analog sequencers and providing expanded countermeasures capability. Positions the AV-8B for future integration of advanced countermeasures expendables and programs.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - ALE-47 (OSIP 025-04)				
Models of Systems Affected: AV-8B			Type Modification: Upgrade					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ALE-47 (OSIP 025-04)												
A Kits												
Recurring												
1.1.1) ALE-47 Wiring ECP 311 - Organic	83 / 1.569	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	83 / 1.569
1.1.2) ALE-47 Wiring ECP 311R1 - NonOrganic ⁽⁷⁾	125 / 1.156	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	125 / 1.156
Subtotal Recurring	208 / 2.725	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	208 / 2.725
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 3.344	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.344
Subtotal Non-Recurring	- / 3.344	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.344
Total, ALE-47 (OSIP 025-04)	208 / 6.069	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	208 / 6.069
Total Procurement, All Modifications	208 / 6.069	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	208 / 6.069
Support												
3.1) Engineering Change Orders	- / 1.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.300
3.2) Data	- / 1.027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.027
3.3) Data (OCO)	- / -	- / 0.107	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.107
3.4) Training Equipment	- / 3.371	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.371
3.5) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) ILS	- / 5.394	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.394
3.7) Other Support	- / 2.098	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.098
3.8) Other Support (OCO)	- / -	- / 0.016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.016
3.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	13.190	0.123	-	-	-	-	-	-	-	-	-	13.313
Total Procurement and Support	19.259	0.123	-	-	-	-	-	-	-	-	-	19.382
ALE-47 (OSIP 025-04) Installation Cost	- / 0.000	- / 2.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.806
Total Installation Cost	- / 0.000	- / 2.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.806
Total Cost (Procurement + Support + Installation)	19.259	2.929	-	-	-	-	-	-	-	-	-	22.188

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0514 - AV-8 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - ALE-47 (OSIP 025-04)											
Models of Systems Affected: AV-8B										Type Modification: Upgrade										Related RDT&E PEs:											
Manufacturer Information: ALE-47 (OSIP 025-04)																															
Manufacturer Name: Various															Manufacturer Location: Various																
Administrative Leadtime (<i>in Months</i>): 0															Production Leadtime (<i>in Months</i>): 0																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: ALE-47 (OSIP 025-04)										Method of Implementation: Installation will be accomplished by a field MOD team.										Installation Name: ALE-47 Wiring ECP 311R1											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)										
All Prior Years		7 / 0.000	32 / 2.806		53 / 0.000		33 / 0.000		0 / 0.000		33 / 0.000		- / -		- / -		- / -		- / -		- / -		125 / 2.806								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		7 / 0.000	32 / 2.806		53 / -		33 / -		- / -		33 / -		- / -		- / -		- / -		- / -		- / -		125 / 2.806								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	7	8	8	8	8	23	10	10	10	10	9	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125
Out	7	8	8	8	8	23	10	10	10	10	9	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125
Installation: ALE-47 (OSIP 025-04)										Method of Implementation: Organic - ALE-47 Wiring ECP 311										Installation Quantity: 83											
Footnotes: (7) FY13 and FY14 installs funded with FY12 OCO.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	67.793	22.197	32.755	34.994	-	34.994	41.882	17.529	14.313	15.766	118.722	365.951
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	67.793	22.197	32.755	34.994	-	34.994	41.882	17.529	14.313	15.766	118.722	365.951
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	67.793	22.197	32.755	34.994	-	34.994	41.882	17.529	14.313	15.766	118.722	365.951
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: Obsolescence Replacement provides for maintaining the readiness of the AV-8B weapons system until its projected end of service, which is now 2030 or until replaced by short take-off and vertical landing operations F-35B. This requires the airframe and integrated systems to exceed planned service life will require both systems modification and obsolescence solutions. Funds will be utilized to manage, process and incorporate Engineering Change Proposals (ECPs) and implement changes to sustain and improve AV-8B weapons system readiness including safety, mission availability, structural integrity, air-to-air weapon system employment, and component (avionics/systems) reliability, maintainability, and obsolescence conditions as they arise. This program may be required to provide emergent, timely remedial action for any aircraft system, component or structure. Due to Fleet aircraft Primary Aircraft Authorized inventory shortfalls, all depot level modification installations must be planned and programmed concurrent with Integrated Maintenance Plan scheduled depot overhaul events to minimize aircraft out-of-service periods, unless safety or aircraft availability require stand alone installations. A MAGTF ACE will remain deployed in OEF in order to support Special Operating Forces beyond FY14 (current plans through FY16). The upgrade to Digital Close Air Support capability, using the AVT, is operationally required for use in theater in direct support of combat operations, by replacing the currently used ATHS-II, which uses the obsolete Marine Tactical Standard (MTS) protocol. Use of the Variable Message Format (VMF) protocol that will be enabled by the AVT will provide the AV-8B with a digitally interoperable solution for communication with the MAGTF, DOD and Joint Forces in OEF. As the AV-8B must currently rely on voice communication with other aircraft and ground units not utilizing MTS, VMF use as a replacement for MTS will reduce risk of fratricide and provide certainty of target selection. Utilization of the Variable Message Format (VMF) protocol via the AVT will enable the platform to execute digital close air support mission tasking in support of the AV-8B primary mission of Close Air Support. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Non-recurring engineering and integrated logistic support (ILS) work continues for ECPs, procurements and installations for new and ongoing obsolescence and readiness requirements. Key efforts include Center Tank, Frame 11, Frame 29, Frame 41, and Frame 43 modifications and Advanced Memory Unit, data/ILS updates for ECPs, to include Frame 12, Support equipment procurements unique to the use of the BRU-70, Display Computer and Single Card Programmer procurements. Various kit procurements and installations continue throughout the Future Years Defense Plan. Current Active Modifications: ECP-282 Fuel Coupling (P1 & P2)												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
ECP-283 Water Tank Pre-Filter ECP-CP-042 Center Tank Mod ECP-PMA257-2011-0001 Center Tank Structural Mod ECP-CP-045 DC Contactor ECP-321 Main Landing Gear Upper Torque Lin Pin (MLG UTLP) ECP-323 Nose Landing Gear Steering Dowel Pin (NLG Steering) ECP-324 Forward ECS Ram Air Duct ECP-PMA257-2009-0003 Bullet Fairing Upgrade ECP-PMA257-2008-0005 Frame 41 Tail Plane Guide ECP-PMA257-2008-0004 Frame 43 Bushing ECP-MDA-AV-8B-0328 Advanced Memory Unit (AMU) ECP-PMA257-2011-0003 Frame 11 ECP-TBD-Canopy Latch ADU - 830 Adapters (OCO) ECP-PMA257-2010-0002 Frame 29 Structure Mod ECP-TBD Cold Air Unit and Dual Temp Switch ECP-TBD Digital Video Recorder (DVR) ECP-PMA257-2010-0001 Display Computer ECP-303 Electronic Airspeed Altitude Sensor/Mode Selector (EAAS) ECP-TBD Rate Gyro Obsolescence ECP-327 Thermal Battery ECP-TBD Fatigue Life Extension Tracking (FLE) ECP-TBD Take Off and Landing Checklist ECP-TBD Digital Video Recorder (DVR) ECP-TBD Flight Control Computer (FCC) ECP-TBD Single Card Programmer ECP-TBD Airborne VMF Termial (OCO) Future Modifications: ECP-TBD-Wing Upgrade ECP-LAU-127 Launcher ECP-326 Structure Servicing Indicators Archived Modifications: ECP-CP-044 Power Margin Indicator/Engine Monitoring Unit (PMI/EMU) ECP-PMA-001 Pylon Hooks ECP-322 Blow Down Bottle 30KVA Generators ECP-PMA-002 Cargo Pods		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (Modification Number - Modification Title): 4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
OBSOLESCENCE REPLACEMENT (OSIP 006-06)													
A Kits													
Recurring													
1.1.1) ECP-282 Fuel Coupling P1 - Organic	151 / 0.331	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	151 / 0.331	
1.1.2) ECP-282 Fuel Coupling P2 - NonOrganic	146 / 1.743	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	146 / 1.743	
1.1.3) ECP-283 Water Tank Pre-Filter - Organic	149 / 0.526	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	149 / 0.526	
1.1.4) ECP-CP-042 Ctr Tank Mod - NonOrganic ⁽⁸⁾	38 / 1.907	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 1.907	
1.1.5) ECP-PMA257-2011-0001 Center Tank Structural Modification - NonOrganic ⁽⁹⁾	- / -	10 / 0.266	25 / 0.789	10 / 0.331	- / -	10 / 0.331	16 / 0.555	13 / 0.464	16 / 0.581	6 / 0.222	- / -	96 / 3.208	
1.1.6) ECP-CP-045 DC Contactor - Organic	146 / 1.274	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	146 / 1.274	
1.1.7) ECP-321 MLG UTLF - Organic	146 / 0.584	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	146 / 0.584	
1.1.8) ECP-323 NLG Steering Dowel Pin - NonOrganic	141 / 0.154	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	141 / 0.154	
1.1.9) ECP-324 Forward ECS Ram Air Duct - Organic	89 / 0.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	89 / 0.670	
1.1.10) ECP-PMA257-2009-0003 Bullet Fairing Upgrade - NonOrganic	- / -	- / -	2 / 0.300	31 / 4.650	- / -	31 / 4.650	32 / 4.800	18 / 2.700	5 / 0.750	15 / 2.250	32 / 4.800	135 / 20.250	
1.1.11) ECP-PMA257-2008-0005 Frame 41 Tail Plane Guide - NonOrganic ⁽¹⁰⁾	2 / 0.318	- / -	30 / 0.810	27 / 0.751	- / -	27 / 0.751	25 / 0.716	27 / 0.797	27 / 0.821	5 / 0.157	- / -	143 / 4.370	
1.1.12) ECP PMA257-2008-0004 Frame 43 Bushings - NonOrganic ⁽¹¹⁾	2 / 0.036	20 / 0.564	30 / 0.309	27 / 0.286	- / -	27 / 0.286	25 / 0.265	27 / 0.302	10 / 0.116	- / -	- / -	141 / 1.878	
1.1.13) ECP-MDA-AV-8B-0328 Advanced Memory Unit (AMU) - NonOrganic	- / -	- / -	- / -	17 / 0.580	- / -	17 / 0.580	16 / 0.549	13 / 0.460	27 / 0.983	28 / 1.051	15 / 0.580	116 / 4.203	
1.1.14) ECP-PMA257-2011-0003 Frame 11 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	112 / 0.325	112 / 0.325	
1.1.15) ECP-TBD-Wing Upgrade - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.750	- / -	- / -	- / -	- / -	1 / 1.750	
1.1.16) ECP-TBD-Canopy Latch - NonOrganic	- / -	- / -	- / -	1 / 0.025	- / -	1 / 0.025	6 / 0.152	5 / 0.130	10 / 0.269	- / -	97 / 2.766	119 / 3.342	
1.1.17) ADU-830 Adapters (OCO) - Organic	55 / 2.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 2.195	
1.1.18) LAU-127 Launcher - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 1.485	55 / 1.485	
1.1.19) ECP-PMA257-2010-0002 Frame 29 Structure Modification - NonOrganic ⁽¹²⁾	4 / 0.577	7 / 0.280	14 / 0.577	6 / 0.255	- / -	6 / 0.255	9 / 0.393	6 / 0.270	11 / 0.510	- / -	- / -	57 / 2.862	
1.1.20) ECP-TBD-Cold Air Unit and DualTemp Switch - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	113 / 42.000	113 / 42.000	
1.1.21) ECP TBD - Digital Video Recorder (DVR) - Organic	- / -	142 / 2.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	142 / 2.500	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
1.1.22) A Kits/Recurring - ARCHIVED ECPs - Organic	1,355 / 0.228	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,355 / 0.228
Subtotal Recurring	2,424 / 10.543	179 / 3.610	101 / 2.785	119 / 6.878	- / -	119 / 6.878	130 / 9.180	109 / 5.123	106 / 4.030	54 / 3.680	424 / 51.956	3,646 / 97.785
Non-Recurring												
1.2.1) Installation Kits N/R - Organic ⁽¹³⁾	- / 7.844	- / 0.300	- / 4.269	- / 4.888	- / -	- / 4.888	- / 4.081	- / 0.372	- / 0.376	- / 0.380	- / 0.833	- / 23.343
1.2.2) Installation Kits N/R (OCO) - Organic	- / 4.532	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.532
Subtotal Non-Recurring	- / 12.376	- / 0.300	- / 4.269	- / 4.888	- / -	- / 4.888	- / 4.081	- / 0.372	- / 0.376	- / 0.380	- / 0.833	- / 27.875
B Kits												
Recurring												
2.1.1) ECP-PMA257-2010-0001 Display Computer - Organic	- / -	13 / 6.666	48 / 10.438	45 / 9.548	- / -	45 / 9.548	- / -	- / -	- / -	- / -	- / -	106 / 26.652
2.1.2) ECP-303 EAAS - Organic	168 / 0.490	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	168 / 0.490
2.1.3) ECP-TBD Rate Gyro Obsolescence - Organic	- / -	- / -	2 / 0.120	42 / 2.000	- / -	42 / 2.000	42 / 2.150	42 / 2.250	- / -	- / -	- / -	128 / 6.520
2.1.4) ECP-327 Thermal Battery - Organic	141 / 0.593	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	141 / 0.593
2.1.5) ECP-326 Struct Servicing Indicators - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	97 / 2.455	97 / 2.455
2.1.6) FLE TRACKING - Organic	- / 0.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.350
2.1.7) ECP-TBD Takeoff & Ldg Checklist - Organic	163 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	163 / 0.200
2.1.8) ECP TBD Digital Video Recorder (DVR) - Organic	- / -	435 / 4.890	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	435 / 4.890
2.1.9) ECP-TBD Flight Control Computer - Organic	- / -	- / -	- / -	3 / 0.730	- / -	3 / 0.730	130 / 16.350	- / -	- / -	- / -	- / -	133 / 17.080
2.1.10) ECP-TBD Single Card Programmer - Organic ⁽¹⁴⁾	- / -	- / -	210 / 2.730	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	210 / 2.730
2.1.11) ECP-TBD Airborne VMF Terminal (OCO) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	134 / 16.989	134 / 16.989
2.1.12) B Kits Recurring - ARCHIVED ECPs - Organic	54 / 5.163	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 5.163
Subtotal Recurring	526 / 6.796	448 / 11.556	260 / 13.288	90 / 12.278	- / -	90 / 12.278	172 / 18.500	42 / 2.250	- / -	- / -	231 / 19.444	1,769 / 84.112
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 7.430	- / 1.400	- / 2.641	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.471
2.2.2) Installation Equipment N/R (OCO) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.268	- / 7.268
Subtotal Non-Recurring	- / 7.430	- / 1.400	- / 2.641	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.268	- / 18.739
Total, OBSOLESCENCE REPLACEMENT (OSIP 006-06)	2,950 / 37.145	627 / 16.866	361 / 22.983	209 / 24.044	- / -	209 / 24.044	302 / 31.761	151 / 7.745	106 / 4.406	54 / 4.060	655 / 79.501	5,415 / 228.511
Total Procurement, All Modifications	2,950 / 37.145	627 / 16.866	361 / 22.983	209 / 24.044	- / -	209 / 24.044	302 / 31.761	151 / 7.745	106 / 4.406	54 / 4.060	655 / 79.501	5,415 / 228.511
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)				

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.2) Data	- / 1.867	- / 0.200	- / 0.790	- / 0.200	- / -	- / 0.200	- / 0.430	- / -	- / -	- / -	- / 0.270	- / 3.757
3.3) Data (OCO)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.120	- / 0.120
3.4) Training Equipment	- / 0.040	- / -	- / 0.182	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	- / 0.322
3.5) Training Equipment (OCO)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.634	- / 0.634
3.6) Support Equipment	- / 4.986	- / 0.094	- / 0.631	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.711
3.7) Support Equipment (OCO)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.200
3.8) ILS	- / 0.912	- / 0.100	- / 0.543	- / 0.051	- / -	- / 0.051	- / 0.230	- / -	- / -	- / -	- / 0.100	- / 1.936
3.9) ILS (OCO)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.125	- / 0.125
3.10) Other Support	- / 15.019	- / 3.600	- / 4.492	- / 4.826	- / -	- / 4.826	- / 4.745	- / 4.990	- / 5.331	- / 5.537	- / 16.946	- / 65.486
3.11) Other Support (OCO)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.800	- / 0.800
3.12) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	22.824	3.994	6.638	5.077	-	5.077	5.405	4.990	5.331	5.537	19.295	79.091
Total Procurement and Support	59.969	20.860	29.621	29.121	-	29.121	37.166	12.735	9.737	9.597	98.796	307.602
OBSOLESCENCE REPLACEMENT (OSIP 006-06) Installation Cost	- / 7.824	- / 1.337	- / 3.134	- / 5.873	- / -	- / 5.873	- / 4.716	- / 4.794	- / 4.576	- / 6.169	- / 19.926	- / 58.349
Total Installation Cost	- / 7.824	- / 1.337	- / 3.134	- / 5.873	- / -	- / 5.873	- / 4.716	- / 4.794	- / 4.576	- / 6.169	- / 19.926	- / 58.349
Total Cost (Procurement + Support + Installation)	67.793	22.197	32.755	34.994	-	34.994	41.882	17.529	14.313	15.766	118.722	365.951

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0514 - AV-8 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: OBSOLESCENCE REPLACEMENT (OSIP 006-06)																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 0														Production Leadtime (<i>in Months</i>): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)										Method of Implementation: Safety										Installation Name: OBSOLESCENCE REPLACEMENT (OSIP 006-06)											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		138 / 7.824		53 / 1.337		52 / 0.830		36 / 0.391		0 / 0.000		36 / 0.391		24 / 0.064		24 / 0.064		6 / 0.016		- / -		- / -		333 / 10.526							
FY 2012		- / -		- / -		37 / 2.181		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		37 / 2.181							
FY 2013		- / -		- / -		2 / 0.123		99 / 5.233		- / -		99 / 5.233		- / -		- / -		- / -		- / -		- / -		101 / 5.356							
FY 2014		- / -		- / -		- / -		12 / 0.249		- / -		12 / 0.249		107 / 3.828		- / -		- / -		- / -		- / -		119 / 4.077							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.824		122 / 4.730		4 / 0.097		- / -		- / -		130 / 5.651							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		109 / 4.367		- / -		- / -		109 / 4.367							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.096		102 / 6.074		- / -		106 / 6.170							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.095		50 / 1.639		54 / 1.734							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		369 / 18.287		369 / 18.287							
Total		138 / 7.824		53 / 1.337		91 / 3.134		147 / 5.873		- / -		147 / 5.873		135 / 4.716		146 / 4.794		123 / 4.576		106 / 6.169		419 / 19.926		1,358 / 58.349							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	138	13	14	13	13	25	23	23	20	40	42	33	32	36	37	34	28	36	37	37	36	36	32	32	23	26	28	28	24	419	1,358
Out	138	13	14	13	13	25	23	23	20	40	42	33	32	36	37	34	28	36	37	37	36	36	32	32	23	26	28	28	24	419	1,358
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)										Method of Implementation: Organic - ECP-282 Fuel Coupling P1										Installation Quantity: 151											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-283 Water Tank Pre-Filter	Installation Quantity: 149
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-CP-045 DC Contactor	Installation Quantity: 146
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-321 MLG UTLP	Installation Quantity: 146
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-324 Forward ECS Ram Air Duct	Installation Quantity: 89
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ADU-830 Adapters (OCO)	Installation Quantity: 55
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - LAU-127 Launcher	Installation Quantity: 55
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP TBD - Digital Video Recorder (DVR)	Installation Quantity: 142
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - A Kits/Recurring - ARCHIVED ECPs	Installation Quantity: 1355
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-PMA257-2010-0001 Display Computer	Installation Quantity: 106
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-303 EAAS	Installation Quantity: 168
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-TBD Rate Gyro Obsolescence	Installation Quantity: 128
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-327 Thermal Battery	Installation Quantity: 141
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-326 Struct Servicing Indicators	Installation Quantity: 97

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - OBSOLESCENCE REPLACEMENT (OSIP 006-06)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-TBD Takeoff & Ldg Checklist	Installation Quantity: 163
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP TBD Digital Video Recorder (DVR)	Installation Quantity: 435
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-TBD Flight Control Computer	Installation Quantity: 133
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-TBD Single Card Programmer	Installation Quantity: 210
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Organic - ECP-TBD Airborne VMF Terminal (OCO)	Installation Quantity: 134
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - B Kits Recurring - ARCHIVED ECPs	Installation Quantity: 54
Footnotes: (8) ECP-CP-042 replaced by ECP-PMA257-2011-001 to procure a more simplified kit. (9) ECP-CP-042 replaced by ECP-PMA257-2011-001 to procure a more simplified kit. FY 2014-2013 Diff %-- 1.1.5) ECP-PMA257-2011-0001 Center Tank Structural Modification kit unit cost exceeded inflation rate by 4.88% due to a lower actual kit quantity requirement for FY14 than FY13. The lower FY14 quantity, based on scheduled AV-8B aircraft requiring the modification being less than FY13, results in setup cost for the Depot to manufacture the kit to be spread over fewer units. In addition, material costs and the Depot labor rates increased in FY14. (10) FY 2014-2013 Diff %-- 1.1.11) ECP-PMA257-2008-0005 Frame 41 Tail Plane Guide exceeded inflation rate by 3.02% due to a lower actual kit quantity requirement for FY14 than FY13. The lower FY14 quantity, based on scheduled AV-8B aircraft requiring the modification being less than FY13, results in setup cost for the Depot to manufacture the kit to be spread over fewer units. In addition, material costs and the Depot labor rates increased in FY14. (11) FY 2014-2013 Diff %-- 1.1.12) ECP PMA257-2008-0004 Frame 43 Bushings exceeded inflation rate by 2.84% due to a lower actual kit quantity requirement for FY14 than FY13. The lower FY14 quantity, based on scheduled AV-8B aircraft requiring the modification being less than FY13, results in set up cost for the Depot to manufacture the kit to be spread over fewer units. In addition, material costs and the Depot labor rates increased in FY14. (12) FY 2014-2013 Diff %-- 1.1.19) ECP-PMA257-2010-0002 Frame 29 Structure Modification exceed inflation rate by 3.12% due to a lower actual kit quantity requirement for FY14 than FY13. The lower FY14 quantity, based on scheduled AV-8B aircraft requiring the modification being less than FY13, results in set up cost for the Depot to manufacture the kit to be spread over fewer units. In addition, material costs and the Depot labor rates increased in FY14. (13) Increase in installation kits non-recurring 1.2.1) is due to emergent safety, obsolescence and aging aircraft requirements (Fatigue Tracking Program, Bullet Fairing Replacement, Advanced Memory Unit (AMU) relocation, Environmental Control System Cold Air Unit, Dual Temp Switch and Canopy Latch. (14) Quantities purchased for Single Card Programmer will not match number of aircraft due to outfitting each Warfare Management Computer with this upgrade, vice upgrading the airframe.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)			
Models of Systems Affected: AV-8B			Type Modification: Upgrade					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	52.660	0.299	-	-	-	-	-	-	-	-	-	52.959
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	52.660	0.299	-	-	-	-	-	-	-	-	-	52.959
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	52.660	0.299	-	-	-	-	-	-	-	-	-	52.959
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: AV-8B inventory is insufficient to maintain Primary Aircraft Authorized (PAA), provide for an effective Integrated Maintenance Plan allow for crash damage repair and attrition, and accomplish timely reliability and capability upgrades through transition to F-35B. This funding restored obsolete configured AV-8B Harrier aircraft to fleet representative configuration through modifications, primarily, integrated by the prime contractor to compensate for attrition and the resultant PAA shortfall. Individual aircraft kits vary based on utilization and configuration at the time the aircraft was taken out of service. Rolls-Royce Pegasus-408B engines were provided from current fleet inventory. Modification engineering integration and incorporation of components and systems were performed by the contractor, augmented by government field activity Government Furnished Equipment component baselining and Ready For Issue certifications as required. Overseas Contingency Operations (OCO) supplemental funding was provided to accelerate upgrade of the first attrition recovery aircraft, a Day Attack configured aircraft, into a Night capable asset. Failure to address inventory shortfalls will progressively aggravate the effect of PAA deficiencies on mission availability and combat relevance to OCO, as well as operational safety. While this is not a total aircraft inventory solution, the additional aircraft help sustain AV-8B operational aircraft in squadrons supporting OCO. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Aircraft complete - final data deliveries in progress.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (Modification Number - Modification Title): 5 - AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)				
Models of Systems Affected: AV-8B				Type Modification: Upgrade					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)													
A Kits													
Recurring													
1.1.1) Installation Kits - Organic ⁽¹⁵⁾	4 / 7.231	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 7.231	
1.1.2) Installation Kits - GFE - Organic	4 / 5.474	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 5.474	
1.1.3) PY Installs - Organic	- / 10.688	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.688	
Subtotal Recurring	8 / 23.393	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 23.393	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 16.157	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.157	
Subtotal Non-Recurring	- / 16.157	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.157	
B Kits													
Recurring													
2.1.1) Install Equipment - Organic	1 / 0.091	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.091	
2.1.2) Install Equipment - GFE - Organic	2 / 4.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.055	
Subtotal Recurring	3 / 4.146	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 4.146	
Total, AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)	11 / 43.696	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 43.696	
Total Procurement, All Modifications	11 / 43.696	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 43.696	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 1.934	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.934	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.220	
3.5) ILS	- / 0.994	- / 0.299	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.293	
3.6) Other Support	- / 5.816	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.816	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	8.964	0.299	-	-	-	-	-	-	-	-	-	9.263	
Total Procurement and Support	52.660	0.299	-	-	-	-	-	-	-	-	-	52.959	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)			
Models of Systems Affected: AV-8B				Type Modification: Upgrade						Related RDT&E PEs:			
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Total Cost (Procurement + Support + Installation)	52.660	0.299	-	-	-	-	-	-	-	-	-	52.959	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0514 - AV-8 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)	
Models of Systems Affected: AV-8B			Type Modification: Upgrade			Related RDT&E PEs:	
Manufacturer Information: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)		Method of Implementation: Not Installed - Installation Kits			Installation Quantity: 4		
Installation: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)		Method of Implementation: Organic - Installation Kits - GFE			Installation Quantity: 4		
Installation: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)		Method of Implementation: Organic - Install Equipment			Installation Quantity: 1		
Installation: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)		Method of Implementation: Organic - Install Equipment - GFE			Installation Quantity: 2		
Footnotes: (15) Non-organic install. All install cost under PY Install cost element							

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Inactive Osips		
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	406.646	-	-	-	-	-	-	-	-	-	-	406.646
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	406.646	-	-	-	-	-	-	-	-	-	-	406.646
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	406.646	-	-	-	-	-	-	-	-	-	-	406.646
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (Modification Number - Modification Title): 6 - Inactive Osips					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
N/A													
Total, N/A	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Support													
3.1) Inactive Osips	- / 406.646	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 406.646	
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	406.646	-	-	-	-	-	-	-	-	-	-	406.646	
Total Procurement and Support	406.646	-	-	-	-	-	-	-	-	-	-	406.646	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	406.646	-	-	-	-	-	-	-	-	-	-	406.646	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0514 - AV-8 Series			Modification Nomenclature (Modification Number - Modification Title): 6 - Inactive Osips	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: N/A							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: N/A		Method of Implementation: Support Only Installation			Installation Quantity: 0		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft						P-1 Line Item Nomenclature: 0522 - Adversary					

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:			

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	46.100	-	4.289	2.992	-	2.992	1.497	-	-	-	-	54.878
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	46.100	-	4.289	2.992	-	2.992	1.497	-	-	-	-	54.878
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	46.100	-	4.289	2.992	-	2.992	1.497	-	-	-	-	54.878

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION: This line item funds modifications to convert a total of 10 F-16A Aircraft, regenerated from the Aircraft Maintenance and Regeneration facility into a Navy approved configuration. It allows the U.S. Navy to maintain as close a standardized configuration with the Air Force as possible based on need. It also allows the Navy to initiate unique structural, avionics, and other safety related modifications. The overall goal of the modifications budgeted in 2014 is to incorporate airframe modifications and selected Air Force approved Time-Compliance Technical Orders (TCO's) to improve safety and reliability. The specific modifications budgeted and programmed are for the F-16 Structural Enhancement Program.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
NR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	4.289	2.992	-	2.992	1.497	-	-	-

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Structural Enhancement Program - Reserve Forces (OSIP 009-13)	P3A				0.000			-			4.289			2.992			-			2.992
2 - Inactive OSIPs	P3A				46.100			-			-			-			-			-

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0522 - Adversary									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					46.100			-			4.289			2.992			-			2.992

Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Structural Enhancement Program - Reserve Forces (OSIP 009-13)	P3A				1.497			-			-			-			-			8.778
2 - Inactive OSIPs	P3A				-			-			-			-			-			46.100
Total Gross/Weapon System Cost					1.497			-			-			-			-			54.878

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0522 - Adversary				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - Structural Enhancement Program - Reserve Forces (OSIP 009-13)				
Models of Systems Affected: F-16 ADVERSARY SERIES			Type Modification: Safety/Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	-	4.289	2.992	-	2.992	1.497	-	-	-	-	8.778
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	-	4.289	2.992	-	2.992	1.497	-	-	-	-	8.778
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	-	4.289	2.992	-	2.992	1.497	-	-	-	-	8.778
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: 10 DoN F-16As require FALCON UP Service Life Extension Program to mititgate expected structural cracking. Without FALCON UP, NAVAIR 4.3 expects less than half of the F-16As to remain in service through the FYDP. Action funds FALCON UP for all 10 F-16As. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: All components and systems required for this program are already qualified, and/or approved Navy use. No operational testing is envisioned under this program.												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0522 - Adversary				Modification Nomenclature (Modification Number - Modification Title): 1 - Structural Enhancement Program - Reserve Forces (OSIP 009-13)					
Models of Systems Affected: F-16 ADVERSARY SERIES				Type Modification: Safety/Reliability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Structural Enhancement Program - Reserve Forces (OSIP 009-13)													
A Kits													
Recurring													
1.1.1) Falcon UP Kits - NonOrganic	- / -	- / -	5 / 1.500	5 / 1.500	- / -	5 / 1.500	- / -	- / -	- / -	- / -	- / -	10 / 3.000	
Subtotal Recurring	- / -	- / -	5 / 1.500	5 / 1.500	- / -	5 / 1.500	- / -	- / -	- / -	- / -	- / -	10 / 3.000	
B Kits													
Non-Recurring													
2.2.2) Non Recurring Engineering - Organic	- / -	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	
Subtotal Non-Recurring	- / -	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	
Total, Structural Enhancement Program - Reserve Forces (OSIP 009-13)	- / -	- / -	5 / 3.500	5 / 1.500	- / -	5 / 1.500	- / -	- / -	- / -	- / -	- / -	10 / 5.000	
Total Procurement, All Modifications	- / -	- / -	5 / 3.500	5 / 1.500	- / -	5 / 1.500	- / -	- / -	- / -	- / -	- / -	10 / 5.000	
Support													
3.1) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Engineering Change Order	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / -	- / -	- / 0.789	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.789	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	0.789	-	-	-	-	-	-	-	-	0.789	
Total Procurement and Support	0.000	-	4.289	1.500	-	1.500	-	-	-	-	-	5.789	
Structural Enhancement Program - Reserve Forces (OSIP 009-13) Installation Cost	- / 0.000	- / -	- / -	- / 1.492	- / -	- / 1.492	- / 1.497	- / -	- / -	- / -	- / -	- / 2.989	
Total Installation Cost	- / 0.000	- / -	- / -	- / 1.492	- / -	- / 1.492	- / 1.497	- / -	- / -	- / -	- / -	- / 2.989	
Total Cost (Procurement + Support + Installation)	0.000	-	4.289	2.992	-	2.992	1.497	-	-	-	-	8.778	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0522 - Adversary								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Structural Enhancement Program - Reserve Forces (OSIP 009-13)															
Models of Systems Affected: F-16 ADVERSARY SERIES								Type Modification: Safety/Reliability								Related RDT&E PEs:															
Manufacturer Information: Structural Enhancement Program - Reserve Forces (OSIP 009-13)																															
Manufacturer Name: TBD														Manufacturer Location: TBD																	
Administrative Leadtime (<i>in Months</i>): 7														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Apr 2013				Apr 2014																					
Delivery Dates						Apr 2014				Apr 2015																					
Installation: Structural Enhancement Program - Reserve Forces (OSIP 009-13)								Method of Implementation: Depot Maintenance Contractor Facility								Installation Name: Falcon UP Kits															
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		5 / 1.492		- / -		5 / 1.492		- / -		- / -		- / -		- / -		- / -		5 / 1.492								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		5 / 1.497		- / -		- / -		- / -		- / -		5 / 1.497								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		- / -	- / -		- / -		5 / 1.492		- / -		5 / 1.492		5 / 1.497		- / -		- / -		- / -		- / -		10 / 2.989								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	3	2	-	-	-	-	-	-	-	-	-	-				
Out	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	3	2	-	-	-	-	-	-	-	-	-				

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0522 - Adversary					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	46.100	-	-	-	-	-	-	-	-	-	-	46.100
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	46.100	-	-	-	-	-	-	-	-	-	-	46.100
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	46.100	-	-	-	-	-	-	-	-	-	-	46.100
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0522 - Adversary					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Inactive OSIPs													
B Kits													
Non-Recurring													
2.2.1) Inactive OSIPs - Organic	- / 46.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 46.100	
<i>Subtotal Non-Recurring</i>	- / 46.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 46.100	
<i>Total, Inactive OSIPs</i>	- / 46.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 46.100	
<i>Total Procurement, All Modifications</i>	- / 46.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 46.100	
Total Procurement and Support	46.100	-	-	-	-	-	-	-	-	-	-	46.100	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	46.100	-	-	-	-	-	-	-	-	-	-	46.100	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0522 - Adversary			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s): 378,549,554

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	4,932.980	454.900	688.549	875.371	-	875.371	1,197.724	1,294.006	1,148.093	1,608.553	5,343.059	17,543.235
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	4,932.980	454.900	688.549	875.371	-	875.371	1,197.724	1,294.006	1,148.093	1,608.553	5,343.059	17,543.235
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	4,932.980	454.900	688.549	875.371	-	875.371	1,197.724	1,294.006	1,148.093	1,608.553	5,343.059	17,543.235

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to all models of the F/A-18 aircraft. The F/A-18 Naval Strike Fighter is a twin-engine, mid-wing, multi-mission tactical aircraft. The F/A-18 is employed in both Navy and Marine Corps squadrons. Commencing with the FY 1988 procurement, both the single seat and two-seat F/A-18's include a night attack capability. The F/A-18 can be missionized through selected use of external equipment to accomplish specific fighter or attack missions. This commonality provides the Operational Commander more flexibility in employing his tactical aircraft in a dynamic scenario. The primary design mission for the F/A-18 is a strike fighter which includes the traditional fighter applications, such as fighter escort and fleet air defense, combined with the attack applications, such as interdiction and close air support. Since fighter capabilities are available in either mission, a robust self-defense capability is retained.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Correction of Discrepancies (OSIP 11-84)	P3A				925.451			32.398			85.733			76.705			-			76.705
2 - Digital Communications System (DCS) (OSIP 10-99)	P3A				32.248			12.068			13.505			27.975			-			27.975
3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	P3A				785.240			97.893			135.749			126.406			-			126.406

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0525 - F-18 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): 378,549,554																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
4 - Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	P3A				384.408			0.075			-			32.402			-			32.402	
5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	P3A				315.911			10.248			36.161			10.434			-			10.434	
6 - Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	P3A				229.086			38.141			24.579			12.705			-			12.705	
7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	P3A				761.133			52.503			46.771			7.060			-			7.060	
8 - F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)	P3A				3.472			1.505			-			-			-			-	
9 - F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02)	P3A				116.371			16.309			11.683			20.017			-			20.017	
10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	P3A				269.398			41.011			115.354			118.156			-			118.156	
11 - Core Avionics Improvements / Upgrades (OSIP 023-04)	P3A				110.376			14.971			49.074			17.235			-			17.235	
12 - Litening AT Targeting Pod (OSIP 024-04)	P3A				157.585			3.956			0.050			-			-			-	
13 - AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	P3A				381.669			88.251			119.586			185.855			-			185.855	
14 - EW Unique (OSIP 021-08)	P3A				131.807			2.481			-			0.574			-			0.574	
15 - Network Centric Operations: (OSIP 001-10)	P3A				65.793			34.340			42.611			48.030			-			48.030	
16 - EA-18G Unique OSIP (011-10)	P3A				2.784			8.750			6.693			23.212			-			23.212	
17 - Power and Propulsion (11-13)	P3A				0.000			-			1.000			1.000			-			1.000	
18 - Infrared Search and Track (IRST) (04-14)	P3A				0.000			-			-			120.660			-			120.660	
19 - Automated Information Systems (AIS) (OSIP 018-14)	P3A				0.000			-			-			36.944			-			36.944	
20 - F/A-18E/F and EA-18G SLEP (OSIP 020-14)	P3A				0.000			-			-			10.001			-			10.001	

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0525 - F-18 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): 378,549,554																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
21 - Inactive OSIPs	P3A				260.248			-			-			-			-			-
Total Gross/Weapon System Cost					4,932.980			454.900			688.549			875.371			-			875.371

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Correction of Discrepancies (OSIP 11-84)	P3A				67.217			116.483			54.648			56.288			133.510			1,548.433
2 - Digital Communications System (DCS) (OSIP 10-99)	P3A				52.140			4.199			4.911			50.072			25.905			223.023
3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	P3A				190.501			272.055			144.819			179.626			263.059			2,195.348
4 - Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	P3A				32.552			84.755			143.339			208.843			249.439			1,135.813
5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	P3A				15.418			6.669			-			-			-			394.841
6 - Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	P3A				8.384			-			-			-			-			312.895
7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	P3A				5.865			5.332			-			0.592			-			879.256
8 - F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)	P3A				-			-			-			-			-			4.977
9 - F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02)	P3A				24.366			36.434			32.986			40.016			331.149			629.331
10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	P3A				179.878			139.964			162.455			180.526			255.813			1,462.555
11 - Core Avionics Improvements / Upgrades (OSIP 023-04)	P3A				51.671			47.111			67.342			155.412			1,623.987			2,137.179
12 - Litening AT Targeting Pod (OSIP 024-04)	P3A				-			-			-			-			1.075			162.666
13 - AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	P3A				217.194			285.401			202.307			271.835			215.740			1,967.838

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1:
Modification Of Aircraft

P-1 Line Item Nomenclature:

0525 - F-18 Series

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s): 378,549,554

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
14 - EW Unique (OSIP 021-08)	P3A				0.772			0.774			-			-			-			136.408
15 - Network Centric Operations: (OSIP 001-10)	P3A				53.892			33.764			32.338			94.908			503.857			909.533
16 - EA-18G Unique OSIP (011-10)	P3A				44.478			16.555			16.746			37.671			188.500			345.389
17 - Power and Propulsion (11-13)	P3A				1.617			-			-			-			-			3.617
18 - Infrared Search and Track (IRST) (04-14)	P3A				191.162			199.442			243.975			265.399			464.902			1,485.540
19 - Automated Information Systems (AIS) (OSIP 018-14)	P3A				48.617			33.067			30.227			53.365			54.326			256.546
20 - F/A-18E/F and EA-18G SLEP (OSIP 020-14)	P3A				12.000			12.001			12.000			14.000			1,031.797			1,091.799
21 - Inactive OSIPs	P3A				-			-			-			-			-			260.248
Total Gross/Weapon System Cost					1,197.724			1,294.006			1,148.093			1,608.553			5,343.059			17,543.235

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

The overall goal of the modifications budgeted in FY 2014 is to implement commonality/capability and structural safety and reliability improvements.

FY12 funding includes Operational Contingency Operations (OCO) for the following efforts: \$10.3M for Advanced Targeting Forward Looking Infrared (ATFLIR) Marker; \$33.8M for ATFLIR Engineering Change Proposal (ECP) 0035 Daylight Operations; \$2.9M for ATFLIR-Remotely Operated Video Enhancement Receiver (ROVER) Data Links. FY13 funding includes \$41.2M OCO for ATFLIR Marker.

The increase from FY13 to FY14 reflects additional wholeness efforts including:

Multi-Functional Information Distribution System Joint Tactical Radio System [Operational Safety and Improvement Program(OSIP 12-99)]

Radar retrofit kits and ECPs 6038 and 6279 (OSIP 02-07)

EA-18G Hardback (OSIP 11-10)

Infrared Search and Track Block I (OSIP 04-14)

Automated Information Systems (OSIP 18-14)

EFG Service Life Extension Program (OSIP 20-14)

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Correction of Discrepancies (OSIP 11-84)				
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY /RELIABILITY/IMPROVEMENT				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	925.451	32.398	85.733	76.705	-	76.705	67.217	116.483	54.648	56.288	133.510	1,548.433
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	925.451	32.398	85.733	76.705	-	76.705	67.217	116.483	54.648	56.288	133.510	1,548.433
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	925.451	32.398	85.733	76.705	-	76.705	67.217	116.483	54.648	56.288	133.510	1,548.433
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Corrections to discrepancies found during testing and evaluation can sometimes be incorporated into production aircraft, effective with the physical configuration audit which establishes the product baseline of the aircraft. However, when this cannot be done due to time constraints, retrofit of the changes into already delivered aircraft requires funding through the Aircraft Modification Program. Additionally, aircraft discrepancies can be discovered during sustainment activities, engineering analysis, standard depot level evaluations, and/or during normal fleet operations. Not addressing these structural and system discrepancies will create maintenance and supply problems, and adversely impact safety of flight and operational readiness. This Operational, Safety and Improvement Program provides resources to correct such issues via Engineering Change Proposal (ECP) and other applicable procurement efforts by modifying, improving, and restoring aircraft structural safety and reliability to designed/required life limits. Modifications for the F/A-18 A/B/C/D aircraft include: flight controls, forward fuselage, aft fuselage, wing, critical structures, electrical, hydraulic, environmental control systems (ECS), launch and recovery, fuel, mechanical, secondary power, and other sustainment activities. Corrections to the following items/conditions are required: Current Active Modifications: ECP 165R1/Battery Control Relay Unit ECP 305/AFT Engine Mount ECP 306/Y657.35 Engine Bay Door Former ECP 536/ST-16 Failures NI 796/Wing Fuel Dams ECP 973 Fuel Cell Floor Crack ECP 952 - MLG Axle ECP 974 NI MLG Y488 Bulkhead ECP 590 OBOGS SSOM, Safety ECP												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Correction of Discrepancies (OSIP 11-84)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
ECP NI-1013-05 Heat Deterrent ECP 1057 NI MLG Planning Mechanism Improvements ECP 6217 Cockpit Pressurization Warning System (CPWS) ECP 609 Inner Wing Conversion/ Modification - Fuel Improvements ECP 609 Inner Wing Conversion/ Modification ECP JAX F-18-001 NFDS MODS, C&D Conversion ECP 0147 Repeatable Release Holdback Bar ECP 1022 NI Inner Wing Fatigue Improvement ECP 1034 NI Trailing Edge Flap/Aileron Attach Log Bushing ECP 1054 NI LEF Stop Module & Torque Limiter Improvement (2 per a/c) ECP 1036 NI ONBOARD OXYGEN SYSTEM (OBOGS), Safety ECP ECP 1071 NI F/A-18 A-D MLG Planning Mechanism Assembly Perf Upgrade ECP 6321R1 F/A-18 A-D MLG Doors Hinge Pins Hdw Conv ECP XXX26 F/A-18 A-D Structural Stress Corrosion Cracking Issues ECP XXX27 F/A-18 A-D Subsystems Retrofit Upgrades Issues ECP XXX28 F/A-18 A-D ECS Subsystems Upgrade Issues ECP XXX29 F/A-18 A-D Fuel Related Upgrade Issues ECP-XXX30 F/A-18 A-D Flight Control Surfaces Issues ECP-6343 F/A-18 A-D External Fuel Tank Air Pressure Regulator ECP 1058 F/A-18 A-D Lox Switch Retrofit ECP 1101 F/A-18 A-D Inner Wing Aft Closure Rib Retrofit ECP 1119 F/A-18 A-D Lower Center Keel ECS Bleed Air Ducts & Insulation ECP 1121 F/A-18 A-D MLG Critical Components Retrofit ECP 1122 F/A-18 A-D NLG Critical Components Retrofit ECP 1125 F/A-18 A-D Y470 Inner Wing Panel Lug ECP 1098NI F/A-18 A-D Y615 Former and Bootstrap Retrofit ECP 1100NI F/A-18 A-D Keel Beam Web Retrofit ECP 1118NI F/A-18 A-D Y580.5/Y590.5 Former Replacement Modline ECP 1120NI F/A-18 A-D Upper O/B Longerons Y453/Y508 Forward Section Splice Retrofit ECP 1137NI Redesign of Fire Extinguisher Temp. Compensating Pressure Switch (TCPS) ECP 1140NI Aileron Servocylinder Main Ram Linear Variable Displacement Transformer upgrade ECP-1142NI Y326.5 Leading Edge Extension (LEX) Support Fitting and Substructure Retrofit ECP 1148NI Speed Brake Arresting Hook Actuator Fitting Retrofit ECP-XXX33 F/A-18 A-D NACES Retrofit Upgrades - AFC-XXX Future Modifications: ECP 087S1 External Stores Electromagnetic Interference (EMI) Protection - Provide for the application of external stores EMI Protection. This ECP includes Installation Costs ONLY. ECP 592 Fuselage Skin Crack - Safety improvement to the fatigue life of the forward skin section of the chem.-milled panels.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Correction of Discrepancies (OSIP 11-84)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:
ECP 608 Crease Longerons - Restores the load path lost when the Crease Longerons cracks at FS 453. ECP MB9425 Modified Navy Aircrew Common Ejection Seat (NACES) Backplate - Modification to the NACES backplate to prevent cracks ECP XXX5 Wing Spar Crack - Strengthens the existing front inner wing spar to improve fatigue life. ECP NI 931 Forward Lower Keel Modification - Improves fatigue life of the Nose Landing Gear (NLG) Drag Brace. ECP-609 (Bundled in) Interwing Conversion ECP XXX-21 (Bundled in ECP-609) - Converting Lot 10/11 Wings to Lot 12 and above configuration. ECP XXX13 Bay 3 Shelf Redesign - Modify avionics shelves to withstand catapult fatigue loads. ECP XXX14 Bay 4 Shelf Redesign - Modify avionics shelves to withstand catapult fatigue loads. ECP XXX-16 Vertical Tail - Modify vertical tail former and spars to prevent fatigue cracking. ECP XXX-17 Canopy/Windscreen - Modify canopy/windscreen frames and address delamination. ECP-XXX18 NLG/Main Landing Gear (MLG) Fatigue Improvements - Fatigue Improvements to include arresting gear planning link redesign ECP-XXX23 AFT Fuselage Structure Failures - Modification to correct failed AFT fuselage areas ECP-XXX24 NACES Improved Upper Catapult Sleeve, Safety ECP - Modification to incorporate a redesigned NACES upper catapult sleeve ECP XXX25 F/A-18 B/D Canopy Sill Longerons Crack - Modification to beef up the canopy sill Longerons to prevent severing condition ECP XXX31 F/A-18 A-D Kapton Wiring Modification Improvement - Modification to upgrade aircraft electrical wiring ECP-1086 NI F/A-18 A-D Modification of A/C (ECS) Test Set - Publication related updates ECP 1088 F/A-18 A-D Fuel Valve Interchangeability - Modification to upgrade fuel valves for configuration purposes ECP 1095 F/A-18 A-D MLG Side Brace Downlock Actuator Connection Link - Modification to upgrade the MLG Actuator link ECP MB9445 Replacement of NACES Radio Beacon Actuator - Modification to incorporate a new and improved radio beacon signal in order to comply with new satellite requirements ECP 6339 F/A-18 A-D Incorporation of Government Furnished Equipment Improved Solid State Oxygen Monitor (SSOM) System (ECP590) - Publication related updates ECP 6376 F/A-18 A-D NACES Ejection Seat Improvements (ECP MB9431) - Publication related updates ECP XXX32 F/A-18 A-D Y470 Inner Wing Panel Lug - Modification to the Y470 Inner Wing Panel Lug ECP 1102NI F/A-18 A-D Y508 Former Shear Tie Fastener Holes Retrofit - Modification to the fasteners near the Y508 Former Aft Shear Tie ECP 1149NI Fuel Dumping Pressure Relief Valve Archived Modifications: ECP 121R1/Auto AC Bus Isolation ECP 178/FY86 Block Upgrade ECP 241R1/Center Fuselage Structural Mods ECP 251/Dorsal Longerons ECP 251R1/Dorsal Longerons ECP 262/470.5 Bulkhead ECP 267R1/Right hand AMAD Bay ECP 276/Y508 Former ECP 311/Main Landing Gear (MLG) Planning Link ECP 319/MLG Trunnion Upgrade ECP 320/Y488 Bulkhead ECP 353/Wing Fatigue Repair ECP 355/MLG Shoulder Belt		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Correction of Discrepancies (OSIP 11-84)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:
ECP 364/ASPJ System Improvement ECP 365/Y470 Bulkhead Improvement ECP 367/#1 Fuel Cell Floor ECP 375/MLG Retract Actuator ECP 391/Fretting on Former's & Spindles ECP 402/Fuselage Skin, Y518 to Y533 ECP 402R1/Fuselage Skin, Y518 to Y534 ECP 417/Inlet Duct Skin at Y453 ECP 428/Y470.5 Bulkhead MLG Trunnion ECP 440/Speed Brake Trough ECP 488/SUU-63 Wing Pylon Door Panel ECP 492/Y470.5 Bulkhead Fatigue Change ECP 498/Fuselage Skin at Y453 ECP 501/Nacelle Skin Fatigue Improvements ECP 506/LAU-115 Sparrow Mod ECP 544/Improvement of Inner Wing SPAR ECP 548/Fuel Barrier Web ECP 550/Wing Drag Longeron ECP 561/Y326.5 Plate Nut ECP 562/Lower Center Keel Fire Hazard ECP 574/Trailing Edge Flaps ECP 574/Aileron ECP 598 Servocylinder Test Station NI 879/Hydraulic Temp Gauges NI 742/Environment Control System Wiring NI 824/MLG Trunnion Assembly NI 827/Heat Exchanger NI 830/Night Vision Display System (NVDS) NI 839/Trailing Edge Flap ECP XXX - ANTI G VALVE ECP 9384 Redesign of Backrest Operation Plunger, Safety ECP ECP MB9431 NACES Bracket Interim Support Kits ECP-1094 NI F/A-18 A-D AFT Fuselage Insulation Blankets Upgrade ECP-6339 F/A-18 A-D Incorporation Of GFE Improved Solid State Oxygen Monitoring System DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Each change has been or will be tested prior to installation in the F/A-18.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (Modification Number - Modification Title): 1 - Correction of Discrepancies (OSIP 11-84)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - Correction of Discrepancies (OSIP 11-84)					
Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: SAFETY /RELIABILITY/IMPROVEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Correction of Discrepancies (OSIP 11-84)													
A Kits													
Recurring													
1.1.1) ECP 165R1/Battery Control Relay Unit - Organic	251 / 0.527	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	251 / 0.527	
1.1.2) ECP 305/AFT Engine Mount - Organic	619 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	619 / -	
1.1.3) ECP 306/Y657.35 Engine Bay Door Former - Organic	688 / 0.858	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	688 / 0.858	
1.1.4) ECP 536/ST-16 Failures - Organic	187 / 28.711	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	187 / 28.711	
1.1.5) NI 796/Wing Fuel Dams - Organic	515 / 0.787	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	515 / 0.787	
1.1.6) ECP 973 Fuel Cell Floor Crack - Organic	200 / 2.871	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	200 / 2.871	
1.1.7) ECP 952 - MLG Axle - Organic	688 / 17.110	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	688 / 17.110	
1.1.8) ECP 974 NI MLG Y488 Bulkhead - Organic	- / -	- / -	120 / 1.095	20 / 0.186	- / -	20 / 0.186	20 / 0.189	120 / 1.155	20 / 0.196	20 / 0.200	310 / 3.148	630 / 6.169	
1.1.9) ECP 590 OBOGS SSOM, Safety ECP - Organic	322 / 0.539	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	322 / 0.539	
1.1.10) ECP NI-1013-05 Heat Derrent - Organic	630 / 8.848	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	630 / 8.848	
1.1.11) ECP 1057 NI MLG Planning Mechanism Improvements - Organic	623 / 8.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	623 / 8.806	
1.1.12) ECP 6217 Cockpit Pressurization Warning System (CPWS) - Organic	641 / 8.879	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	641 / 8.879	
1.1.13) ECP 609 Inner Wing Conversion/ Modification - Fuel Improvements - Organic	47 / 0.768	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 0.768	
1.1.14) ECP 609 Inner Wing Conversion/ Modification - Organic	3 / 1.668	- / -	12 / 3.611	8 / 2.451	- / -	8 / 2.451	3 / 0.936	21 / 6.667	- / -	- / -	- / -	47 / 15.333	
1.1.15) ECP JAX F-18-001 NFDS MODS, C&D Conversion - Organic	12 / 5.258	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 5.258	
1.1.16) ECP 0147 Repeatable Release Holdback Bar - Organic	285 / 1.518	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	285 / 1.518	
1.1.17) ECP 1022 NI Inner Wing Fatigue Improvement - Organic	601 / 2.147	- / -	- / -	20 / 0.106	- / -	20 / 0.106	20 / 0.108	30 / 0.165	- / -	- / -	380 / 2.280	1,051 / 4.806	
1.1.18) ECP 1034 NI Trailing Edge Flap/Aileron Attach Log Bushing - Organic	- / -	- / -	120 / 0.090	20 / 0.015	- / -	20 / 0.015	20 / 0.016	120 / 0.095	120 / 0.097	28 / 0.023	230 / 0.192	658 / 0.528	
1.1.19) ECP 1054 NI LEF Stop Module & Torque Limiter Improvement (2 per a/c) - Organic	1,260 / 14.628	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,260 / 14.628	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - Correction of Discrepancies (OSIP 11-84)					
Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: SAFETY /RELIABILITY/IMPROVEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
1.1.20) ECP 1036 NI Onboard Oxygen System (OBOGS), Safety ECP - Organic	331 / 0.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	331 / 0.123	
1.1.21) ECP 1071 NI F/A-18 A-D MLG Planing Mechanism Assembly Perf Upgrade - Organic	649 / 2.975	330 / 1.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	979 / 4.069	
1.1.22) ECP 6321R1 F/A-18 A-D MLG Doors Hing Pins Hdw Conv - Organic	640 / 0.157	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	640 / 0.157	
1.1.23) ECP XXX26 F/A-18 A-D Structural Stress Corrosion Cracking Issues - Organic	- / -	- / -	100 / 2.552	32 / 0.831	- / -	32 / 0.831	32 / 0.846	32 / 0.862	32 / 0.877	32 / 0.893	145 / 4.118	405 / 10.979	
1.1.24) ECP XXX27 F/A-18 A-D Subsystems Retrofit Upgrades Issues - Organic	- / -	- / -	100 / 4.080	120 / 4.984	- / -	120 / 4.984	120 / 5.074	115 / 4.950	- / -	- / -	- / -	455 / 19.088	
1.1.25) ECP XXX28 F/A-18 A-D ECS Subsystems Upgrade Issues - Organic	- / -	- / -	100 / 2.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 2.500	
1.1.26) ECP XXX29 F/A-18 A-D Fuel Related Upgrade Issues - Organic	- / -	- / -	150 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 1.500	
1.1.27) ECP-XXX30 F/A-18 A-D Flight Control Surfaces Issues - Organic	- / -	- / -	100 / 1.020	120 / 1.246	- / -	120 / 1.246	120 / 1.268	115 / 1.237	- / -	- / -	- / -	455 / 4.771	
1.1.28) ECP-6343 F/A-18 A-D External Fuel Tank Air Pressure Regulator - Organic	624 / 0.662	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.005	630 / 0.667	
1.1.29) ECP 1058 F/A-18 A-D Lox Switch Retrofit - Organic	12 / 0.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.025	
1.1.30) ECP 1101 F/A-18 A-D Inner Wing Aft Closure Rib Retrofit - Organic	15 / 8.399	- / -	- / -	10 / 0.243	- / -	10 / 0.243	10 / 0.247	10 / 0.252	10 / 0.256	10 / 0.261	68 / 1.807	133 / 11.465	
1.1.31) ECP 1119 F/A-18 A-D Lower Center Keel ECS Bleed Air Ducts & Insulation - Organic	200 / 7.443	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	200 / 7.443	
1.1.32) ECP 1121 F/A-18 A-D MLG Critical Components Retrofit - Organic	- / -	- / -	98 / 11.368	- / -	- / -	- / -	25 / 2.907	197 / 23.319	- / -	- / -	- / -	320 / 37.594	
1.1.33) ECP 1122 F/A-18 A-D NLG Critical Components Retrofit - Organic	- / -	- / -	19 / 3.819	- / -	- / -	- / -	31 / 6.231	50 / 10.231	- / -	- / -	- / -	100 / 20.281	
1.1.34) ECP 1125 F/A-18 A-D Y470 Inner Wing Panel Lug - Organic	- / -	- / -	120 / 0.063	20 / 0.011	- / -	20 / 0.011	20 / 0.011	20 / 0.011	20 / 0.011	20 / 0.011	370 / 0.216	590 / 0.334	
1.1.35) ECP 1098NI F/A-18 A-D Y615 Former and Bootstrap Retrofit - Organic	- / -	- / -	100 / 3.456	56 / 1.970	- / -	56 / 1.970	20 / 0.716	120 / 4.375	20 / 0.742	20 / 0.756	133 / 5.116	469 / 17.131	
1.1.36) ECP 1100NI F/A-18 A-D Keel Beam Web Retrofit - Organic	- / -	- / -	34 / 0.171	10 / 0.051	- / -	10 / 0.051	10 / 0.052	10 / 0.053	10 / 0.054	10 / 0.055	52 / 0.291	136 / 0.727	
1.1.37) ECP 1118NI F/A-18 A-D Y580.5/Y590.5 Former Replacement Modline - Organic	- / -	- / -	50 / 2.502	10 / 0.509	- / -	10 / 0.509	- / -	12 / 0.622	- / -	- / -	28 / 1.568	100 / 5.201	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 1 - Correction of Discrepancies (OSIP 11-84)			
Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: SAFETY /RELIABILITY/IMPROVEMENT				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
1.1.38) ECP 1120NI F/A-18 A-D Upper O/B Longeron Y453/Y508 Fw Section Splice - Organic	- / -	- / -	- / -	10 / 0.135	- / -	10 / 0.135	10 / 0.137	100 / 1.399	20 / 0.285	14 / 0.203	297 / 4.384	451 / 6.543
1.1.39) ECP 1137NI Fire Extinguisher Temp Compensating Pressure Switch - Organic	- / -	- / -	- / -	20 / 0.103	- / -	20 / 0.103	- / -	490 / 2.569	- / -	- / -	- / -	510 / 2.672
1.1.40) ECP 1140NI Aileron Servocylnr Main Ram Linear Var Displcmnt Trnsfrmr - Organic	- / -	- / -	120 / 1.021	20 / 0.173	- / -	20 / 0.173	20 / 0.176	120 / 1.077	20 / 0.183	120 / 1.116	68 / 0.644	488 / 4.390
1.1.41) ECP-1142NI Y326.5 Lead Edge Ext (LEX) Spt Fitting & Substructure - Organic	- / -	- / -	120 / 0.604	20 / 0.102	- / -	20 / 0.102	20 / 0.104	20 / 0.106	20 / 0.108	125 / 0.688	180 / 1.008	505 / 2.720
1.1.42) ECP 1148NI Speed Brake Arresting Hook Actuator Fitting Retrofit - Organic	- / -	- / -	4 / 0.032	20 / 0.163	- / -	20 / 0.163	20 / 0.166	120 / 1.013	10 / 0.086	120 / 1.050	76 / 0.677	370 / 3.187
1.1.43) ECP-XXX33 F/A-18 A-D NACES Retrofit Upgrades - AFC-XXX - Organic	- / -	- / -	100 / 1.666	100 / 1.696	- / -	100 / 1.696	100 / 1.727	100 / 1.758	100 / 1.789	45 / 0.820	55 / 1.020	600 / 10.476
1.1.44) Archived ECPs - Organic	26,194 / 111.338	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26,194 / 111.338
Subtotal Recurring	36,237 / 235.045	330 / 1.094	1,567 / 41.150	636 / 14.975	- / -	636 / 14.975	621 / 20.911	1,922 / 61.916	402 / 4.684	564 / 6.076	2,398 / 26.474	44,677 / 412.325
Non-Recurring												
1.2.1) Installation Kits N/R - Organic ⁽¹⁾	- / 62.625	- / 0.100	- / -	- / -	- / -	- / -	- / 4.505	- / 3.869	- / -	- / -	- / -	- / 71.099
Subtotal Non-Recurring	- / 62.625	- / 0.100	- / -	- / -	- / -	- / -	- / 4.505	- / 3.869	- / -	- / -	- / -	- / 71.099
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	- / 2.267	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.267
Subtotal Recurring	- / 2.267	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.267
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 0.120	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.120
Subtotal Non-Recurring	- / 0.120	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.120
Total, Correction of Discrepancies (OSIP 11-84)	36,237 / 300.057	330 / 1.194	1,567 / 41.150	636 / 14.975	- / -	636 / 14.975	621 / 25.416	1,922 / 65.785	402 / 4.684	564 / 6.076	2,398 / 26.474	44,677 / 485.811
Total Procurement, All Modifications	36,237 / 300.057	330 / 1.194	1,567 / 41.150	636 / 14.975	- / -	636 / 14.975	621 / 25.416	1,922 / 65.785	402 / 4.684	564 / 6.076	2,398 / 26.474	44,677 / 485.811
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data ⁽²⁾	- / 15.241	- / 0.150	- / 0.149	- / 0.069	- / -	- / 0.069	- / 0.037	- / -	- / -	- / -	- / -	- / 15.646

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Correction of Discrepancies (OSIP 11-84)				

Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 1.944	- / 1.183	- / 3.537	- / 3.600	- / -	- / 3.600	- / 3.665	- / 3.731	- / 2.725	- / 2.774	- / -	- / 23.159
3.5) ILS	- / 345.550	- / 6.171	- / 6.781	- / 6.903	- / -	- / 6.903	- / 7.027	- / 7.154	- / 7.283	- / 7.414	- / 7.547	- / 401.830
3.6) Other Support ⁽³⁾	- / 9.870	- / 18.309	- / 23.777	- / 24.275	- / -	- / 24.275	- / 24.710	- / 25.155	- / 25.607	- / 26.068	- / 28.099	- / 205.870
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.8) Installation Cost ⁽⁴⁾	29,858 / 252.789	251 / 5.391	140 / 10.339	1,166 / 26.883	- / -	1,166 / 26.883	393 / 6.362	894 / 14.658	959 / 14.349	750 / 13.956	2,870 / 71.390	37,281 / 416.117
Total Support, All Modifications	625.394	31.204	44.583	61.730	-	61.730	41.801	50.698	49.964	50.212	107.036	1,062.622
Total Procurement and Support	925.451	32.398	85.733	76.705	-	76.705	67.217	116.483	54.648	56.288	133.510	1,548.433
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	925.451	32.398	85.733	76.705	-	76.705	67.217	116.483	54.648	56.288	133.510	1,548.433

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (Modification Number - Modification Title): 1 - Correction of Discrepancies (OSIP 11-84)	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT			Related RDT&E PEs:	
Manufacturer Information: Correction of Discrepancies (OSIP 11-84)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (in Months):					Production Leadtime (in Months):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Correction of Discrepancies (OSIP 11-84)			Method of Implementation: Not Installed - ECP 165R1/Battery Control Relay Unit			Installation Quantity: 251	
Installation: Correction of Discrepancies (OSIP 11-84)			Method of Implementation: Not Installed - ECP 305/AFT Engine Mount			Installation Quantity: 619	
Installation: Correction of Discrepancies (OSIP 11-84)			Method of Implementation: Not Installed - ECP 306/Y657.35 Engine Bay Door Former			Installation Quantity: 688	
Installation: Correction of Discrepancies (OSIP 11-84)			Method of Implementation: Not Installed - ECP 536/ST-16 Failures			Installation Quantity: 187	
Installation: Correction of Discrepancies (OSIP 11-84)			Method of Implementation: Not Installed - NI 796/Wing Fuel Dams			Installation Quantity: 515	
Installation: Correction of Discrepancies (OSIP 11-84)			Method of Implementation: Not Installed - ECP 973 Fuel Cell Floor Crack			Installation Quantity: 200	
Installation: Correction of Discrepancies (OSIP 11-84)			Method of Implementation: Organic - ECP 952 - MLG Axle			Installation Quantity: 688	
Installation: Correction of Discrepancies (OSIP 11-84)			Method of Implementation: Not Installed - ECP 974 NI MLG Y488 Bulkhead			Installation Quantity: 630	
Installation: Correction of Discrepancies (OSIP 11-84)			Method of Implementation: Not Installed - ECP 590 OBOGS SSOM, Safety ECP			Installation Quantity: 322	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Correction of Discrepancies (OSIP 11-84)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP NI-1013-05 Heat Derrent	Installation Quantity: 630
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP 1057 NI MLG Planning Mechanism Improvements	Installation Quantity: 623
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 6217 Cockpit Pressurization Warning System (CPWS)	Installation Quantity: 641
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 609 Inner Wing Conversion/ Modification - Fuel Improvements	Installation Quantity: 47
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 609 Inner Wing Conversion/ Modification	Installation Quantity: 47
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP JAX F-18-001 NFDS MODS, C&D Conversion	Installation Quantity: 12
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 0147 Repeatable Release Holdback Bar	Installation Quantity: 285
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1022 NI Inner Wing Fatigue Improvement	Installation Quantity: 1051
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1034 NI Trailing Edge Flap/Aileron Attach Log Bushing	Installation Quantity: 658
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP 1054 NI LEF Stop Module & Torque Limiter Improvement (2 per a/c)	Installation Quantity: 1260
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP 1036 NI Onboard Oxygen System (OBOGS), Safety ECP	Installation Quantity: 331
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP 1071 NI F/A-18 A-D MLG Planing Mechanism Assembly Perf Upgrade	Installation Quantity: 979

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Correction of Discrepancies (OSIP 11-84)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 6321R1 F/A-18 A-D MLG Doors Hing Pins Hdw Conv	Installation Quantity: 640
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP XXX26 F/A-18 A-D Structural Stress Corrosion Cracking Issues	Installation Quantity: 405
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP XXX27 F/A-18 A-D Subsystems Retrofit Upgrades Issues	Installation Quantity: 455
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP XXX28 F/A-18 A-D ECS Subsystems Upgrade Issues	Installation Quantity: 100
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP XXX29 F/A-18 A-D Fuel Related Upgrade Issues	Installation Quantity: 150
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP-XXX30 F/A-18 A-D Flight Control Surfaces Issues	Installation Quantity: 455
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP-6343 F/A-18 A-D External Fuel Tank Air Pressure Regulator	Installation Quantity: 630
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP 1058 F/A-18 A-D Lox Switch Retrofit	Installation Quantity: 12
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP 1101 F/A-18 A-D Inner Wing Aft Closure Rib Retrofit	Installation Quantity: 133
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP 1119 F/A-18 A-D Lower Center Keel ECS Bleed Air Ducts & Insulation	Installation Quantity: 200
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP 1121 F/A-18 A-D MLG Critical Components Retrofit	Installation Quantity: 320

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Correction of Discrepancies (OSIP 11-84)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Organic - ECP 1122 F/A-18 A-D NLG Critical Components Retrofit	Installation Quantity: 100
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1125 F/A-18 A-D Y470 Inner Wing Panel Lug	Installation Quantity: 590
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1098NI F/A-18 A-D Y615 Former and Bootstrap Retrofit	Installation Quantity: 469
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1100NI F/A-18 A-D Keel Beam Web Retrofit	Installation Quantity: 136
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1118NI F/A-18 A-D Y580.5/Y590.5 Former Replacement Modline	Installation Quantity: 100
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1120NI F/A-18 A-D Upper O/B Longeron Y453/Y508 Fw Section Splice	Installation Quantity: 451
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1137NI Fire Extinguisher Temp Compensating Pressure Switch	Installation Quantity: 510
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1140NI Aileron Servocylnr Main Ram Linear Var Displcmnt Trnsfrmr	Installation Quantity: 488
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP-1142NI Y326.5 Lead Edge Ext (LEX) Spt Fitting & Substructure	Installation Quantity: 505
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1148NI Speed Brake Arresting Hook Actuator Fitting Retrofit	Installation Quantity: 370
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP-XXX33 F/A-18 A-D NACES Retrofit Upgrades - AFC-XXX	Installation Quantity: 600
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - Archived ECPs	Installation Quantity: 26194

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Correction of Discrepancies (OSIP 11-84)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - Installation Cost	Installation Quantity: 37281
Footnotes: (1) \$4.5M in Prior Year realigned from OSIP 11-84 to OSIP 10-99 for H-10 SCS. (2) Data costs increase in FY13 due to increased number of ECPs in that year. (3) Other support increases in FY13 and FY14 due to significantly increased number of ECPs being managed (procured and installed). (4) Installation costs vary by FY due to different ECPs being installed.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - Digital Communications System (DCS) (OSIP 10-99)				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	32.248	12.068	13.505	27.975	-	27.975	52.140	4.199	4.911	50.072	25.905	223.023
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	32.248	12.068	13.505	27.975	-	27.975	52.140	4.199	4.911	50.072	25.905	223.023
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	32.248	12.068	13.505	27.975	-	27.975	52.140	4.199	4.911	50.072	25.905	223.023
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
The Digital Communications System (DCS) consists of an upgraded AN/ARC-210 Receiver Transmitter (RT) (with embedded digital message transfer capability and embedded Communications Security) installed in the F/A-18 and integrated with the F/A-18 weapons system (mission computer, controls and displays, and communication subsystem). The DCS utilizes preformatted messages to communicate with standard United States Marine Corps (USMC), United States Navy, and United States Air Force digital communications devices to facilitate Close Air Support, Deep Air Strike, and Tactical Air Control missions. DCS reduces voice communications requirements which tend to be slow, inaccurate, and susceptible to Meaconing, Interference, Jamming, and Intrusion. DCS will enhance mission effectiveness by decreasing pilot workload which allows the pilot more time to counter increased threat capabilities (Operational Requirements Document# 486-88-98). This Operational Safety Improvement Program (OSIP) will also be used to address parts obsolescence issues and to perform non-recurring work associated with Network Centric operations and Interoperability requirements.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												
The AN/ARC-210 RT is being upgraded to a DCS RT. The Initial Engineering Developmental Model was delivered (using Research Development Test & Evaluation, Navy resources) in FY1998 as scheduled. The F/A-18C/D requirements will be satisfied by retrofitting DCS into Lot X through Lot XXI. Functionality was provided in the Operational Flight Program 15C fleet release in FY2000. Initial procurement of installation kits was awarded May 1999. F/A-18C/D Lots X and XI require an Amplifier Control Intercommunication (ACI) and DCS radio. Additional ACI requirements for increased install provisions are currently funded under OSIP 12-99.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - Digital Communications System (DCS) (OSIP 10-99)				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Digital Communications System (DCS) (OSIP 10-99)												
A Kits												
Recurring												
1.1.1) Lot XII through XXI Kit - Organic ⁽⁵⁾	360 / 1.086	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	360 / 1.086
1.1.2) Lot X through XI Kit - Organic ⁽⁶⁾	123 / 0.709	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	123 / 0.709
Subtotal Recurring	483 / 1.795	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	483 / 1.795
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 0.603	- / 1.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.003
Subtotal Non-Recurring	- / 0.603	- / 1.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.003
B Kits												
Recurring												
2.1.1) System Configuration Set (SCS) Integration USMC DCS - Organic	- / -	- / -	- / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.200
2.1.2) DCS (WRA) - Organic	- / -	8 / 0.816	5 / 0.512	200 / 20.845	- / -	200 / 20.845	429 / 45.517	- / -	- / -	399 / 43.096	216 / 23.750	1,257 / 134.536
2.1.3) DCS B kits - Organic	8 / 0.661	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.661
2.1.4) Lot XII through XXI Kit ("B" Kit) - Organic ⁽⁷⁾	40 / 1.904	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 1.904
2.1.5) Lot X through XI Kit (ACI) - Organic ⁽⁸⁾	128 / 8.685	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	128 / 8.685
2.1.6) 25X SCS - Organic	- / -	- / 0.258	- / 0.068	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.326
2.1.7) 27X SCS - Organic ⁽⁹⁾	- / -	- / 1.239	- / 1.365	- / 2.887	- / -	- / 2.887	- / 3.426	- / 2.157	- / -	- / -	- / -	- / 11.074
2.1.8) H10 SCS - Organic ⁽¹⁰⁾	- / 4.484	- / 5.660	- / 6.631	- / 2.273	- / -	- / 2.273	- / 1.191	- / -	- / -	- / -	- / -	- / 20.239
2.1.9) DCS SCS B-kits - Organic	- / -	- / -	- / 1.793	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.793
2.1.10) Prior Year Installation Costs - Organic	528 / 6.779	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	528 / 6.779
Subtotal Recurring	704 / 22.513	8 / 7.973	5 / 11.569	200 / 26.005	- / -	200 / 26.005	429 / 50.134	- / 2.157	- / -	399 / 43.096	216 / 23.750	1,961 / 187.197
Non-Recurring												
2.2.1) Install Equipment N/R - Organic ⁽¹¹⁾	- / 1.353	- / 0.240	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.832	- / 4.859	- / -	- / 9.284
Subtotal Non-Recurring	- / 1.353	- / 0.240	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.832	- / 4.859	- / -	- / 9.284
Total, Digital Communications System (DCS) (OSIP 10-99)	1,187 / 26.264	8 / 9.613	5 / 11.569	200 / 26.005	- / -	200 / 26.005	429 / 50.134	- / 2.157	- / 2.832	399 / 47.955	216 / 23.750	2,444 / 200.279
Total Procurement, All Modifications	1,187 / 26.264	8 / 9.613	5 / 11.569	200 / 26.005	- / -	200 / 26.005	429 / 50.134	- / 2.157	- / 2.832	399 / 47.955	216 / 23.750	2,444 / 200.279
Support												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - Digital Communications System (DCS) (OSIP 10-99)				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.1) Engineering Change Orders	- / 0.483	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.483
3.2) Data	- / 0.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.028
3.3) Training Equipment	- / 0.615	- / 0.550	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.165
3.4) Support Equipment	- / 1.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.013
3.5) ILS	- / 2.553	- / 0.575	- / 0.585	- / 0.595	- / -	- / 0.595	- / 0.606	- / 0.617	- / 0.628	- / 0.640	- / 0.651	- / 7.450
3.6) Other Support	- / 1.292	- / 1.330	- / 1.351	- / 1.375	- / -	- / 1.375	- / 1.400	- / 1.425	- / 1.451	- / 1.477	- / 1.504	- / 12.605
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	5.984	2.455	1.936	1.970	-	1.970	2.006	2.042	2.079	2.117	2.155	22.744
Total Procurement and Support	32.248	12.068	13.505	27.975	-	27.975	52.140	4.199	4.911	50.072	25.905	223.023
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	32.248	12.068	13.505	27.975	-	27.975	52.140	4.199	4.911	50.072	25.905	223.023

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Digital Communications System (DCS) (OSIP 10-99)	
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT			Related RDT&E PEs:	
Manufacturer Information: Digital Communications System (DCS) (OSIP 10-99)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Digital Communications System (DCS) (OSIP 10-99)			Method of Implementation: Not Installed - Lot XII through XXI Kit			Installation Quantity: 360	
Installation: Digital Communications System (DCS) (OSIP 10-99)			Method of Implementation: Not Installed - Lot X through XI Kit			Installation Quantity: 123	
Installation: Digital Communications System (DCS) (OSIP 10-99)			Method of Implementation: Organic - DCS (WRA)			Installation Quantity: 1257	
Installation: Digital Communications System (DCS) (OSIP 10-99)			Method of Implementation: Organic - DCS B kits			Installation Quantity: 8	
Installation: Digital Communications System (DCS) (OSIP 10-99)			Method of Implementation: Not Installed - Lot XII through XXI Kit ("B" Kit)			Installation Quantity: 40	
Installation: Digital Communications System (DCS) (OSIP 10-99)			Method of Implementation: Not Installed - Lot X through XI Kit (ACI)			Installation Quantity: 128	
Installation: Digital Communications System (DCS) (OSIP 10-99)			Method of Implementation: Not Installed - Prior Year Installation Costs			Installation Quantity: 528	
Footnotes: ⁽⁵⁾ All installs were in PY. See PY Install cost element for cost. ⁽⁶⁾ All installs were in PY. See PY Install cost element for cost. ⁽⁷⁾ All installs were in PY. See PY Install cost element for cost. ⁽⁸⁾ All installs were in PY. See PY Install cost element for cost. ⁽⁹⁾ Funding increases in FY15 due to ramp up of 27X effort. ⁽¹⁰⁾ \$4.5M in Prior Year realigned from OSIP 11-84 to OSIP 10-99 for H-10 SCS. ⁽¹¹⁾ Installation Equipment N/R funding increases in FY18 due to ramp up of DCS (WRA) B-kit efforts in FY18.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+				
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	785.240	97.893	135.749	126.406	-	126.406	190.501	272.055	144.819	179.626	263.059	2,195.348
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	785.240	97.893	135.749	126.406	-	126.406	190.501	272.055	144.819	179.626	263.059	2,195.348
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	785.240	97.893	135.749	126.406	-	126.406	190.501	272.055	144.819	179.626	263.059	2,195.348
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
Incorporation of structural enhancements and changes is required to attain F/A-18 service life and maintain sufficient aircraft inventory to meet fleet operational requirements through FY 2023. Structural enhancements and changes include resolution of discrepancies identified as a result of Structural Test-16 and in-service experience. These enhancements and changes include: modifications to allow the entire airframe to extend flight hours; modifications to ensure structures currently limited to 78% of design life can achieve 100% life; modifications to ensure landing gear, catapult and attachment components can extend total landings. The unacceptable alternative to retrofitting would be the failure to reach full fatigue life for these aircraft and to not correct the structural defects discovered on fatigue test articles. In many cases, the mission capability of the aircraft would be adversely affected in addition to its reduced service life. As a result, aircraft may be prematurely removed from useful service. Center Barrel Replacement Plus (CBR+) is applicable to F/A-18A/B/C/Ds. Engineering Change Proposal (ECP) 904 Part 1 is the basic center barrel kit. ECP 904 Part 2 is required to extend Wing Root Fatigue Life Expended (FLE) and is not required for all aircraft. ECP 904 Part 3 is required to extend catapult and traps and does not have to be installed concurrently with Part 1 and 2. Part 4 is to extend flight hours associated with flight control surfaces, wings, vertical tails and the forward/aft fuselage and does not have to be installed concurrently with Part 1, 2, or 3.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												
Currently all Lot VI through XVII aircraft have 78% life limits without the Structural Life Management Plan modifications to bring them to 100% airframe life. McDonnell Douglas Corporation and Northrop Grumman Corporation developed ECP536 retrofit repair to modify these aircraft so they could restore the airframe to full life. ECP 536 was approved and Validation was completed May 2001. The Fleet Readiness Center North Island developed ECP 904NI (CBR+) which was approved on 27 April 2000, ECP 904NI supersedes ECP 536. Validation started October 2000 and was completed in August 2001. Verification started August 2001 and was completed June 2002. ECP 536 moved from Operational, Safety and Improvement Program (OSIP) 11-99 to OSIP 11-84 in FY2002.												
Prior to FY14, the OSIP reflected four generic ECPs for SLEP efforts. Beginning in FY14, the budget reflects the more specific SLEP ECPs that were identified during non-recurring engineering efforts.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+				
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+												
A Kits												
Recurring												
1.1.1) ECP 904 Part 1 (Basic) WRFLE SLEP - NonOrganic ⁽¹²⁾	321 / 283.060	6 / 17.093	6 / 7.275	1 / 1.213	- / -	1 / 1.213	8 / 10.067	- / -	- / -	- / -	8 / 10.067	350 / 328.775
1.1.2) ECP 904 Part 2 (Need Part 1) - NonOrganic ⁽¹³⁾	142 / 71.415	5 / 0.089	6 / 0.114	9 / 0.174	- / -	9 / 0.174	8 / 0.158	- / -	- / -	- / -	- / -	170 / 71.950
1.1.3) ECP XX01 F/A-18A-D BULKHEAD-FWD FUS, ACFT, Y260.677 - NonOrganic ⁽¹⁴⁾	- / -	- / -	- / -	2 / 0.001	- / -	2 / 0.001	50 / 0.027	35 / 0.019	30 / 0.016	33 / 0.018	- / -	150 / 0.081
1.1.4) ECP XX02 F/A-18A-D SUPPORT-WEB, X7.0, CANTED Y260.677 - Y286.5, Z111.65 - NonOrganic	- / -	- / -	- / -	2 / 0.001	- / -	2 / 0.001	50 / 0.027	35 / 0.019	30 / 0.016	33 / 0.018	- / -	150 / 0.081
1.1.5) ECP XX03 F/A-18A-D BULKHEAD, FUSELAGE-CENTER SECTION, Y419.00 - NonOrganic	- / -	- / -	- / -	2 / 0.006	- / -	2 / 0.006	50 / 0.146	35 / 0.104	30 / 0.091	33 / 0.102	- / -	150 / 0.449
1.1.6) ECP XX04 F/A-18A-D FORMER-FUSELAGE,CTR SECTION, Y442.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.001	35 / 0.006	30 / 0.005	40 / 0.007	43 / 0.007	150 / 0.026
1.1.7) ECP XX05 F/A-18A-D LONGERON-UPPER, LEX, Y395.00 TO Y437.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.001	35 / 0.004	30 / 0.003	40 / 0.004	43 / 0.005	150 / 0.017
1.1.8) ECP XX06 F/A-18A-D FORMER-DUCT, ENG AIR INLET, Y431.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.001	30 / 0.008	40 / 0.011	78 / 0.022	150 / 0.042
1.1.9) ECP XX07 F/A-18A-D TIP, LEADING EDGE EXTENSION-Y395-Y442.394, ASSY OF - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.001	30 / 0.008	40 / 0.011	78 / 0.022	150 / 0.042
1.1.10) ECP XX08 F/A-18A-D SUPPORT, STRUCTURAL COMPONENT, AIRCRAFT-OUTBD PYLON - NonOrganic	- / -	- / -	- / -	4 / 0.374	- / -	4 / 0.374	100 / 9.540	111 / 10.789	- / -	85 / 8.568	- / -	300 / 29.271
1.1.11) ECP XX09 F/A-18A-D RIB-INBD, ACTR BACKUP, WING, INNER XW91.360 - NonOrganic	- / -	- / -	- / -	4 / 0.250	- / -	4 / 0.250	100 / 6.360	111 / 7.193	- / -	85 / 5.712	- / -	300 / 19.515
1.1.12) ECP XX10 F/A-18A-D RIB-AFT,WING,INNER,XW91.920 - NonOrganic	- / -	- / -	- / -	4 / 0.083	- / -	4 / 0.083	100 / 2.124	111 / 2.398	- / -	85 / 1.904	- / -	300 / 6.509
1.1.13) ECP XX11 F/A-18A-D RIB-INBD, ACTR BACKUP, WING, INNER, XW85.220 - NonOrganic	- / -	- / -	- / -	4 / 0.250	- / -	4 / 0.250	100 / 6.360	111 / 7.193	- / -	85 / 5.712	- / -	300 / 19.515
1.1.14) ECP XX12 F/A-18A-D RIB-AFT, WING, INNER, XW118.780 - NonOrganic	- / -	- / -	- / -	4 / 0.083	- / -	4 / 0.083	100 / 2.120	111 / 2.398	- / -	85 / 1.904	- / -	300 / 6.505
1.1.15) ECP XX13 F/A-18A-D FITTING-SPLICE, AFT, SPAR NO 1 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.021	135 / 0.729	30 / 0.165	85 / 0.476	46 / 0.262	300 / 1.653

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
1.1.16) ECP XX14 F/A-18A-D RIB-AFT, WING, INNER, XW84.720 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.085	135 / 2.916	- / -	85 / 1.904	76 / 1.733	300 / 6.638
1.1.17) ECP XX15 F/A-18A-D RIB-OUTBD, ACTR BACKUP, WING, INNER, XW85.220 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.254	135 / 8.748	- / -	85 / 5.712	76 / 5.198	300 / 19.912
1.1.18) ECP XX16 F/A-18A-D RIB-OUTBD, ACTR BACKUP, WING, INNER, XW91.360 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.254	135 / 8.748	- / -	85 / 5.712	76 / 5.198	300 / 19.912
1.1.19) ECP XX17 F/A-18A-D SPLICE PLATE-INBD, UPR, INNER WING, XW88.121 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.064	135 / 2.187	- / -	85 / 1.428	76 / 1.300	300 / 4.979
1.1.20) ECP XX18 F/A-18A-D SPLICE PLATE-INBD, LOWER, INNER WING, XW88.121 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.064	135 / 2.187	- / -	85 / 1.428	76 / 1.300	300 / 4.979
1.1.21) ECP XX19 F/A-18A-D SPLICE PLATE-OUTBD, UPR, INNER WING, XW134.464 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.065	- / -	90 / 1.512	206 / 3.523	300 / 5.100
1.1.22) ECP XX20 F/A-18A-D WEB-INTERCOSTAL, WING, INNER, Y470.500 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.226	- / -	200 / 11.704	96 / 5.718	300 / 17.648
1.1.23) ECP XX21 F/A-18A-D WEB-INTERCOSTAL, WING, INNER, Y488.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.226	- / -	200 / 11.704	96 / 5.718	300 / 17.648
1.1.24) ECP XX22 F/A-18A-D SPLICE PLATE-OUTBD, LWR, INNER WING, XW134.464 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.065	- / -	90 / 1.512	206 / 3.523	300 / 5.100
1.1.25) ECP XX59 F/A-18A-D FITTING-SPLICE, FWD, SPAR NO 1 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.022	30 / 0.165	90 / 0.504	176 / 1.003	300 / 1.694
1.1.26) ECP XX23 F/A-18A-D RIB, WING, OUTER-CANTED XW179.700 - NonOrganic	- / -	- / -	- / -	4 / 0.083	- / -	4 / 0.083	100 / 2.120	111 / 2.398	- / -	85 / 1.904	- / -	300 / 6.505
1.1.27) ECP XX24 F/A-18A-D SPAR, WING, OUTER-INTERMEDIATE NO. 1 - NonOrganic	- / -	- / -	- / -	4 / 0.089	- / -	4 / 0.089	100 / 2.279	111 / 2.577	- / -	85 / 2.047	- / -	300 / 6.992
1.1.28) ECP XX25 F/A-18A-D SPAR, WING, OUTER-INTMD, NO. 2 - NonOrganic	- / -	- / -	- / -	4 / 0.089	- / -	4 / 0.089	100 / 2.279	111 / 2.577	- / -	85 / 2.047	- / -	300 / 6.992
1.1.29) ECP XX26 F/A-18A-D SPAR, WING, OUTER-53.8% - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.091	135 / 3.135	- / -	85 / 2.047	76 / 1.863	300 / 7.136
1.1.30) ECP XX27 F/A-18A-D RIB,WING,OUTER-TRAILING EDGE,CXW181.25 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.064	135 / 2.187	- / -	85 / 1.428	76 / 1.300	300 / 4.979
1.1.31) ECP XX28 F/A-18A-D CLOSURE-AFT, MISSILE SUPPORT RIB - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.043	30 / 0.330	90 / 1.008	176 / 2.006	300 / 3.387
1.1.32) ECP XX29 F/A-18A-D SPAR ASSY-WING, OUTER 68 % - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.093	- / -	90 / 2.167	206 / 5.049	300 / 7.309
1.1.33) ECP XX30 F/A-18A-D BULKHEAD,FUSELAGE-CTR SECTION,Y453.00 - NonOrganic	- / -	- / -	- / -	2 / 0.001	- / -	2 / 0.001	50 / 0.005	35 / 0.004	30 / 0.003	33 / 0.004	- / -	150 / 0.017

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
1.1.34) ECP XX31 F/A-18A-D ADAPTER - MISSILE LAUNCHER, Y488 - Y497 - NonOrganic	- / -	- / -	- / -	2 / 0.015	- / -	2 / 0.015	50 / 0.371	35 / 0.265	30 / 0.231	33 / 0.259	- / -	150 / 1.141
1.1.35) ECP XX32 F/A-18A-D LONGERON-FUS CTR SECT, SIDE, Y453.02-Y542.60 - NonOrganic	- / -	- / -	- / -	2 / 0.002	- / -	2 / 0.002	50 / 0.053	35 / 0.038	30 / 0.033	33 / 0.037	- / -	150 / 0.163
1.1.36) ECP XX33 F/A-18A-D LONGERON-LOWER INBD Y488.00 TO Y557.50 - NonOrganic	- / -	- / -	- / -	2 / 0.001	- / -	2 / 0.001	50 / 0.027	35 / 0.019	30 / 0.016	33 / 0.018	- / -	150 / 0.081
1.1.37) ECP XX34 F/A-18A-D PLATE, STRUCTURAL, A/C-FUS CTR SECT, LWR, Y488.00 - NonOrganic	- / -	- / -	- / -	2 / 0.016	- / -	2 / 0.016	50 / 0.398	35 / 0.284	30 / 0.247	33 / 0.277	- / -	150 / 1.222
1.1.38) ECP XX35 F/A-18A-D PLATE, STRUCTURAL, AIRCRAFT-FUS CTR SECT, Y544.00 - NonOrganic	- / -	- / -	- / -	2 / 0.031	- / -	2 / 0.031	50 / 0.795	35 / 0.567	30 / 0.495	33 / 0.554	- / -	150 / 2.442
1.1.39) ECP XX36 F/A-18A-D CAP SEGMENT, BULKHEAD-FUS CTR SECT, LWR, Y557.50 - NonOrganic	- / -	- / -	- / -	2 / 0.017	- / -	2 / 0.017	50 / 0.424	35 / 0.302	30 / 0.264	33 / 0.296	- / -	150 / 1.303
1.1.40) ECP XX37 F/A-18A-D FORMER SEGMENT-FUS CTR SECT, UPPER, Y497.00 - NonOrganic	- / -	- / -	- / -	2 / 0.025	- / -	2 / 0.025	50 / 0.636	35 / 0.454	30 / 0.396	33 / 0.444	- / -	150 / 1.955
1.1.41) ECP XX38 F/A-18A-D FORMER-FUS CTR SECT, UPPER,Y508.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.017	78 / 0.674	30 / 0.264	40 / 0.358	- / -	150 / 1.313
1.1.42) ECP XX39 F/A-18A-D FORMER-UPPER SEGMENT Y518.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.025	78 / 1.011	30 / 0.396	40 / 0.538	- / -	150 / 1.970
1.1.43) ECP XX40 F/A-18A-D FORMER,FUSELAGE UPPER,CENTER SECTION Y534.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.025	78 / 1.011	30 / 0.396	40 / 0.538	- / -	150 / 1.970
1.1.44) ECP XX41 F/A-18A-D SUPPORT, FLOOR-FUS CTR SECTION, Y544.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.011	78 / 0.421	30 / 0.165	40 / 0.224	- / -	150 / 0.821
1.1.45) ECP XX42 F/A-18A-D FORMER- FUS CTR SECT, UPPER, Y462.250 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.021	78 / 0.842	30 / 0.330	40 / 0.448	- / -	150 / 1.641
1.1.46) ECP XX43 F/A-18A-D SUPPORT, FLOOR-FUEL BAY, Y478.50 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.170	108 / 9.331	- / -	40 / 3.584	- / -	150 / 13.085
1.1.47) ECP XX44 F/A-18A-D FORMER - FUS CTR SECT, UPPER, Y478.50 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.025	78 / 1.011	30 / 0.396	40 / 0.538	- / -	150 / 1.970
1.1.48) ECP XX45 F/A-18A-D FORMER-FUS CTR SECT, SIDE HOISTING, Y534.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.106	108 / 5.832	- / -	40 / 2.240	- / -	150 / 8.178
1.1.49) ECP XX46 F/A-18A-D WEB-LONGERON TO DUCT, WING DRAG, Y453-Y488 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.005	30 / 0.082	40 / 0.112	78 / 0.222	150 / 0.421
1.1.50) ECP XX47 LONGERON-ATTACH, FUEL BAY FLOOR TO KEEL, Y488 TO Y526 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.016	30 / 0.247	40 / 0.336	78 / 0.667	150 / 1.266
1.1.51) ECP XX48 F/A-18A-D SUPPORT,FLOOR-FUEL BAY,Y488.000 TO Y526.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.016	30 / 0.247	40 / 0.336	78 / 0.667	150 / 1.266

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+				
Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: SAFETY / LIFE EXTENSION				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
1.1.52) ECP XX49 F/A-18A-D SUPPORT, FLOOR-FUEL BAY, Y518.000 TO Y557.50 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.027	30 / 0.412	40 / 0.560	78 / 1.112	150 / 2.111	
1.1.53) ECP XX50 F/A-18A-D SUPPORT,FLOOR-FUEL BAY,Y470.500 TO Y488.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.010	30 / 0.148	40 / 0.202	78 / 0.400	150 / 0.760	
1.1.54) ECP XX51 F/A-18A-D PLATE,STRUCTURAL,AIRCRAFT-DUCT,Y526.00 TO Y557.50 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.016	30 / 0.247	40 / 0.336	78 / 0.667	150 / 1.266	
1.1.55) ECP XX52 F/A-18A-D ARM, ACTUATING-HORIZONTAL STABILIZER - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.007	30 / 0.102	40 / 0.139	78 / 0.276	150 / 0.524	
1.1.56) ECP XX53 F/A-18A-D SUPPORT-STRUCTURAL, OUTBD ENGINE MOUNT - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.048	30 / 0.726	40 / 0.986	78 / 1.956	150 / 3.716	
1.1.57) ECP XX54 F/A-18A-D PLATE, T-LONGERON, Y607.00, Y615.00 - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.002	30 / 0.036	40 / 0.049	78 / 0.098	150 / 0.185	
1.1.58) ECP XX55 F/A-18A-D FUEL SYSTEM - NonOrganic	- / -	- / -	- / -	2 / 0.331	- / -	2 / 0.331	50 / 8.427	35 / 6.010	- / -	33 / 5.877	30 / 5.438	150 / 26.083	
1.1.59) ECP XX56 F/A-18A-D HYDRAULIC SYSTEM - NonOrganic	- / -	- / -	- / -	2 / 0.227	- / -	2 / 0.227	50 / 5.777	35 / 4.120	- / -	33 / 4.029	30 / 3.728	150 / 17.881	
1.1.60) ECP XX57 F/A-18A-D ENVIRONMENTAL CONTROL SYSTEM - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.293	78 / 11.625	- / -	40 / 6.182	30 / 4.720	150 / 22.820	
1.1.61) ECP XX58 F/A-18A-D WIRING SYSTEM - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.252	78 / 10.025	- / -	40 / 5.331	30 / 4.070	150 / 19.678	
Subtotal Recurring	463 / 354.475	11 / 17.182	12 / 7.389	68 / 3.362	- / -	68 / 3.362	1,522 / 62.364	3,383 / 123.247	990 / 6.686	3,559 / 115.047	2,812 / 78.838	12,820 / 768.590	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic ⁽¹⁵⁾	- / 58.136	- / 18.551	- / 36.419	- / 38.970	- / -	- / 38.970	- / 39.672	- / 40.386	- / 16.181	- / 14.210	- / 29.228	- / 291.753	
Subtotal Non-Recurring	- / 58.136	- / 18.551	- / 36.419	- / 38.970	- / -	- / 38.970	- / 39.672	- / 40.386	- / 16.181	- / 14.210	- / 29.228	- / 291.753	
B Kits													
Recurring													
2.1.1) Fuel Cell Refurb & RIM (RIM start FY08) - NonOrganic ⁽¹⁶⁾	211 / 21.633	25 / 4.125	24 / 4.800	26 / 5.294	- / -	26 / 5.294	26 / 5.389	26 / 5.486	12 / 2.532	- / -	- / -	350 / 49.259	
2.1.2) Nacelle RIM (271 & 316C1) - NonOrganic ⁽¹⁷⁾	- / -	18 / 1.040	18 / 1.170	17 / 1.125	- / -	17 / 1.125	24 / 1.617	24 / 1.646	9 / 0.617	- / -	- / -	110 / 7.215	
2.1.3) Prior Year Installation costs - Organic ⁽¹⁸⁾	126 / 10.795	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	126 / 10.795	
Subtotal Recurring	337 / 32.428	43 / 5.165	42 / 5.970	43 / 6.419	- / -	43 / 6.419	50 / 7.006	50 / 7.132	21 / 3.149	- / -	- / -	586 / 67.269	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+			
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Non-Recurring												
2.2.1) Install Equipment N/R - Organic ⁽¹⁹⁾	- / 1.426	- / 1.844	- / 7.859	- / 4.398	- / -	- / 4.398	- / 4.721	- / 1.520	- / 1.857	- / 3.282	- / 3.100	- / 30.007
Subtotal Non-Recurring	- / 1.426	- / 1.844	- / 7.859	- / 4.398	- / -	- / 4.398	- / 4.721	- / 1.520	- / 1.857	- / 3.282	- / 3.100	- / 30.007
Total, F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	800 / 446.465	54 / 42.742	54 / 57.637	111 / 53.149	- / -	111 / 53.149	1,572 / 113.763	3,433 / 172.285	1,011 / 27.873	3,559 / 132.539	2,812 / 111.166	13,406 / 1,157.619
Total Procurement, All Modifications	800 / 446.465	54 / 42.742	54 / 57.637	111 / 53.149	- / -	111 / 53.149	1,572 / 113.763	3,433 / 172.285	1,011 / 27.873	3,559 / 132.539	2,812 / 111.166	13,406 / 1,157.619
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 17.701	- / -	- / 0.226	- / -	- / -	- / -	- / 1.359	- / -	- / -	- / -	- / -	- / 19.286
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / -	- / -	- / 7.239	- / 3.441	- / -	- / 3.441	- / 3.440	- / 3.502	- / 0.420	- / -	- / -	- / 18.042
3.5) ILS ⁽²⁰⁾	- / 57.644	- / 4.977	- / 8.766	- / 7.976	- / -	- / 7.976	- / 8.120	- / 8.266	- / 8.415	- / 8.566	- / 20.997	- / 133.727
3.6) Other Support ⁽²¹⁾	- / 17.865	- / 13.330	- / 24.808	- / 24.306	- / -	- / 24.306	- / 24.744	- / 25.190	- / 25.643	- / 26.105	- / 26.575	- / 208.566
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	93.210	18.307	41.039	35.723	-	35.723	37.663	36.958	34.478	34.671	47.572	379.621
Total Procurement and Support	539.675	61.049	98.676	88.872	-	88.872	151.426	209.243	62.351	167.210	158.738	1,537.240
F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ Installation Cost	- / 245.565	- / 36.844	- / 37.073	- / 37.534	- / -	- / 37.534	- / 39.075	- / 62.812	- / 82.468	- / 12.416	- / 104.321	- / 658.108
Total Installation Cost	- / 245.565	- / 36.844	- / 37.073	- / 37.534	- / -	- / 37.534	- / 39.075	- / 62.812	- / 82.468	- / 12.416	- / 104.321	- / 658.108
Total Cost (Procurement + Support + Installation)	785.240	97.893	135.749	126.406	-	126.406	190.501	272.055	144.819	179.626	263.059	2,195.348

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Manufacturer Name: CBR+ (ECP 904 Part 1)				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 29			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014			
Delivery Dates	May 2014	May 2015	May 2016	May 2017			
Manufacturer Name: CBR+ (ECP 904 Part 2)				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 29			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014			
Delivery Dates	May 2014	May 2015	May 2016	May 2017			
Manufacturer Name: ECP XX01 F/A-18A-D BULKHEAD-FWD FUS, ACFT, Y260.677				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX02 F/A-18A-D SUPPORT-WEB, X7.0, CANTED Y260.677 - Y286.5, Z111.65				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX03 F/A-18A-D BULKHEAD, FUSELAGE-CENTER SECTION, Y419.00				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: EECP XX04 F/A-18A-D FORMER-FUSELAGE,CTR SECTION, Y442.00				Manufacturer Location: N/A			

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (Modification Number - Modification Title): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION		Related RDT&E PEs:		
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX05 F/A-18A-D LONGERON-UPPER, LEX, Y395.00 TO Y437.00				Manufacturer Location: N/A			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX06 F/A-18A-D FORMER-DUCT, ENG AIR INLET, Y431.00				Manufacturer Location: N/A			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX07 F/A-18A-D TIP, LEADING EDGE EXTENSION-Y395-Y442.394, ASSY OF				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX08 F/A-18A-D SUPPORT, STRUCTURAL COMPONENT, AIRCRAFT-OUTBD PYLON				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX09 F/A-18A-D RIB-INBD, ACTR BACKUP, WING, INNER XW91.360				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX10 F/A-18A-D RIB-AFT, WING, INNER, XW91.920				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX11 F/A-18A-D RIB-INBD, ACTR BACKUP, WING, INNER, XW85.220				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX12 F/A-18A-D RIB-AFT, WING, INNER, XW118.780				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX13 F/A-18A-D FITTING-SPLICE, AFT, SPAR NO 1				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX14 F/A-18A-D RIB-AFT, WING, INNER, XW84.720				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX15 F/A-18A-D RIB-OUTBD, ACTR BACKUP, WING, INNER, XW85.220				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX16 F/A-18A-D RIB-OUTBD, ACTR BACKUP, WING, INNER, XW91.360				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX17 F/A-18A-D SPLICE PLATE-INBD, UPR, INNER WING, XW88.121				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX18 F/A-18A-D SPLICE PLATE-INBD, LOWER, INNER WING, XW88.121				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX19 F/A-18A-D SPLICE PLATE-OUTBD, UPR, INNER WING, XW134.464				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016		Mar 2018

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Delivery Dates					Oct 2016		Oct 2018
Manufacturer Name: ECP XX20 F/A-18A-D WEB-INTERCOSTAL, WING, INNER, Y470.500				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016		Mar 2018
Delivery Dates					Oct 2016		Oct 2018
Manufacturer Name: ECP XX21 F/A-18A-D WEB-INTERCOSTAL, WING, INNER, Y488.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016		Mar 2018
Delivery Dates					Oct 2016		Oct 2018
Manufacturer Name: ECP XX22 F/A-18A-D SPLICE PLATE-OUTBD, LWR, INNER WING, XW134.464				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016		Mar 2018
Delivery Dates					Oct 2016		Oct 2018
Manufacturer Name: ECP XX59 F/A-18A-D FITTING-SPLICE, FWD, SPAR NO 1				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX23 F/A-18A-D RIB, WING, OUTER-CANTED XW179.700				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX24 F/A-18A-D SPAR, WING, OUTER-INTERMEDIATE NO. 1				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX25 F/A-18A-D SPAR, WING, OUTER-INTMD, NO. 2				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX26 F/A-18A-D SPAR, WING, OUTER-53.8%				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX27 F/A-18A-D RIB,WING,OUTER-TRAILING EDGE,CXW181.25				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX28 F/A-18A-D CLOSURE-AFT, MISSILE SUPPORT RIB				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX29 F/A-18A-D SPAR ASSY-WING, OUTER 68 %				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016		Mar 2018
Delivery Dates					Oct 2016		Oct 2018
Manufacturer Name: ECP XX30 F/A-18A-D BULKHEAD,FUSELAGE-CTR SECTION,Y453.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX31 F/A-18A-D ADAPTER - MISSILE LAUNCHER, Y488 - Y497				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX32 F/A-18A-D LONGERON-FUS CTR SECT, SIDE, Y453.02-Y542.60				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX33 F/A-18A-D LONGERON-LOWER INBD Y488.00 TO Y557.50				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX34 F/A-18A-D PLATE, STRUCTURAL, AIRCRAFT-FUS CTR SECT, LWR, Y488.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX35 F/A-18A-D PLATE, STRUCTURAL, AIRCRAFT-FUS CTR SECT, Y544.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX36 F/A-18A-D CAP SEGMENT, BULKHEAD-FUS CTR SECT, LWR, Y557.50				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX37 F/A-18A-D FORMER SEGMENT-FUS CTR SECT, UPPER, Y497.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX38 F/A-18A-D FORMER-FUS CTR SECT, UPPER, Y508.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (Modification Number - Modification Title): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX39 F/A-18A-D FORMER-UPPER SEGMENT Y518.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX40 F/A-18A-D FORMER,FUSELAGE UPPER,CENTER SECTION Y534.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX41 F/A-18A-D SUPPORT, FLOOR-FUS CTR SECTION, Y544.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX42 F/A-18A-D FORMER- FUS CTR SECT, UPPER, Y462.250				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX43 F/A-18A-D SUPPORT, FLOOR-FUEL BAY, Y478.50				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX44 F/A-18A-D FORMER - FUS CTR SECT, UPPER, Y478.50				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Oct 2015	Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX45 F/A-18A-D FORMER-FUS CTR SECT, SIDE HOISTING, Y534.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX46 F/A-18A-D WEB-LONGERON TO DUCT, WING DRAG, Y453-Y488				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX47 F/A-18A-D LONGERON-ATTACH, FUEL BAY FLOOR TO KEEL, Y488 TO Y526				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX48 F/A-18A-D SUPPORT,FLOOR-FUEL BAY,Y488.000 TO Y526.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX49 F/A-18A-D SUPPORT, FLOOR-FUEL BAY, Y518.000 TO Y557.50				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX50 F/A-18A-D SUPPORT, FLOOR-FUEL BAY, Y470.500 TO Y488.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX51 F/A-18A-D PLATE, STRUCTURAL, AIRCRAFT-DUCT, Y526.00 TO Y557.50				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX52 F/A-18A-D ARM, ACTUATING-HORIZONTAL STABILIZER				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX53 F/A-18A-D SUPPORT-STRUCTURAL, OUTBD ENGINE MOUNT				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX54 F/A-18A-D PLATE, T-LONGERON, Y607.00, Y615.00				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Oct 2016	Oct 2017	Oct 2018
Manufacturer Name: ECP XX55 F/A-18A-D FUEL SYSTEM				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX56 F/A-18A-D HYDRAULIC SYSTEM				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		Mar 2018
Delivery Dates			Oct 2014	Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX57 F/A-18A-D ENVIRONMENTAL CONTROL SYSTEM				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018
Delivery Dates				Oct 2015	Oct 2016		Oct 2018
Manufacturer Name: ECP XX58 F/A-18A-D WIRING SYSTEM				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016		Mar 2018

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+				
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION				Related RDT&E PEs:					
Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+												
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Delivery Dates				Oct 2015	Oct 2016		Oct 2018					
Manufacturer Name: Fuel Cell Refurb and RIM				Manufacturer Location: N/A								
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 4								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016						
Delivery Dates	Apr 2012	Apr 2013	Apr 2014	Apr 2015	Apr 2016	Apr 2017						
Manufacturer Name: Nacelle RIM				Manufacturer Location: N/A								
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 4								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016						
Delivery Dates	Apr 2012	Apr 2013	Apr 2014	Apr 2015	Apr 2016	Apr 2017						
Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+				Method of Implementation: FRC				Installation Name: ECP 904 Part 1 (Basic) WRFLE SLEP				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	203 / 237.673	25 / 36.808	24 / 37.033	26 / 37.485	0 / 0.000	26 / 37.485	26 / 38.160	17 / 25.398	- / -	- / -	- / -	321 / 412.557
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 8.967	- / -	- / -	- / -	6 / 8.967
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 4.482	3 / 4.563	- / -	- / -	6 / 9.045
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.521	- / -	- / -	1 / 1.521
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 12.168	- / -	- / -	8 / 12.168
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 12.168	8 / 12.168
Total	203 / 237.673	25 / 36.808	24 / 37.033	26 / 37.485	- / -	26 / 37.485	26 / 38.160	26 / 38.847	12 / 18.252	- / -	8 / 12.168	350 / 456.426

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0525 - F-18 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+									
Models of Systems Affected: F/A-18 A/B/C/D										Type Modification: SAFETY / LIFE EXTENSION										Related RDT&E PEs:											
Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+											Method of Implementation: FRC										Installation Name: ECP 904 Part 1 (Basic) WRFLE SLEP										
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	203	6	6	6	7	6	6	6	6	6	6	7	7	6	6	7	7	9	14	3	-	4	-	4	4	-	-	-	-	8	350
Out	203	6	6	6	7	6	6	6	6	6	6	7	7	6	6	7	7	9	14	3	-	4	-	4	4	-	-	-	-	8	350

Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+											Method of Implementation: FRC										Installation Name: ECP 904 Part 2 (Need Part 1)					
		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total													
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)													
All Prior Years		113 / 7.892	10 / 0.036	11 / 0.040	8 / 0.032	0 / 0.000	8 / 0.032	- / -	- / -	- / -	- / -	- / -	142 / 8.000													
FY 2012		- / -	- / -	- / -	5 / 0.017	- / -	5 / 0.017	- / -	- / -	- / -	- / -	- / -	5 / 0.017													
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.023	- / -	- / -	- / -	- / -	6 / 0.023													
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.035	- / -	- / -	- / -	9 / 0.035													
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.032	- / -	- / -	8 / 0.032													
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
Total		113 / 7.892	10 / 0.036	11 / 0.040	13 / 0.049	- / -	13 / 0.049	6 / 0.023	9 / 0.035	8 / 0.032	- / -	- / -	170 / 8.107													

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	113	2	2	3	3	2	3	3	3	4	4	2	3	-	-	3	3	-	-	5	4	-	-	8	-	-	-	-	-	-	170
Out	113	2	2	3	3	2	3	3	3	4	4	2	3	-	-	3	3	-	-	5	4	-	-	8	-	-	-	-	-	-	170

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+			

Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: SAFETY / LIFE EXTENSION				Related RDT&E PEs:			

Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+			Method of Implementation: FRC					Installation Name: ECP 904 Part 3				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	58 / 0.892	- / -	- / -	- / -	- / -	58 / 0.892
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,506 / 23.930	- / -	- / -	- / -	1,506 / 23.930
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,383 / 64.184	- / -	- / -	3,383 / 64.184
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	990 / 12.416	- / -	990 / 12.416
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,559 / 51.216	3,559 / 51.216
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,804 / 40.937	2,804 / 40.937
Total	- / -	- / -	- / -	- / -	- / -	- / -	58 / 0.892	1,506 / 23.930	3,383 / 64.184	990 / 12.416	6,363 / 92.153	12,300 / 193.575

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	42	16	-	-	765	741	-	-	1,690	1,693	-	-	495	495	-	-	6,363	12,300
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	42	16	-	-	765	741	-	-	1,690	1,693	-	-	495	495	-	-	6,363	12,300

Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+			Method of Implementation: FRC					Installation Name: ECP 904 Part 3				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	211 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	211 / 0.000
FY 2012	- / -	43 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / -
FY 2013	- / -	- / -	42 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / -
FY 2014	- / -	- / -	- / -	43 / -	- / -	43 / -	- / -	- / -	- / -	- / -	- / -	43 / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	50 / -	- / -	- / -	- / -	- / -	50 / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0525 - F-18 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+													
Models of Systems Affected: F/A-18 A/B/C/D										Type Modification: SAFETY / LIFE EXTENSION										Related RDT&E PEs:													
Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+										Method of Implementation: FRC										Installation Name: ECP 904 Part 3													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
FY 2016										- / -		- / -		- / -		- / -		- / -		- / -		50 / -		- / -		- / -		- / -		50 / -			
FY 2017										- / -		- / -		- / -		- / -		- / -		- / -		- / -		21 / -		- / -		- / -		21 / -			
FY 2018										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total										211 / 0.000		43 / -		42 / -		43 / -		- / -		43 / -		50 / -		50 / -		21 / -		- / -		- / -		460 / -	
Installation Schedule																																	
		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC Tot			
		APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3			4	
In	211	-	-	21	22	-	-	21	21	-	-	22	21	-	-	25	25	-	-	25	25	-	-	11	10	-	-	-	-	-	460		
Out	211	-	-	21	22	-	-	21	21	-	-	22	21	-	-	25	25	-	-	25	25	-	-	11	10	-	-	-	-	-	460		
Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+										Method of Implementation: Not Installed - Prior Year Installation costs										Installation Quantity: 126													
Footnotes: ⁽¹²⁾ A) Kit pricing is quantity sensitive. FMS procurements in some years affect unit price. B) Kit installs are delayed due to procurement of Canadian and Australian kits. In addition, prior year procurements were planned based on ability to install 40 kits per year. Actual capacity to install is only 26 kits per year. C) FY12 ECP 904 Pt 1 cost includes funding for loose parts, resulting in an increased unit price. Amounts in FY13 and later do not include loose parts and therefore have a lower unit price. ⁽¹³⁾ A) Kit pricing is quantity sensitive. FMS procurements in some years affect unit price. B) Kit installs are delayed due to procurement of Canadian and Australian kits. In addition, prior year procurements were planned based on ability to install 40 kits per year. Actual capacity to install is only 26 kits per year. ⁽¹⁴⁾ Kit pricing is quantity sensitive. FMS procurements in some years affect unit price. ⁽¹⁵⁾ SLEP Non-Recurring Engineering (NRE) efforts with Boeing (\$30M) were delayed from FY12 to FY13, resulting in decreased NRE costs in FY12 and increased costs in FY13. Funding increases in FY14 due to ramp up of SLEP efforts. ⁽¹⁶⁾ Fuel Cell Refurb and RIM B-kits are installed in conjunction with CBR installs, but have different leadtimes. Therefore, they do not have an associated install cost. ⁽¹⁷⁾ Nacelle RIM B-kits are installed in conjunction with CBR installs, but have different leadtimes. Therefore, they do not have an associated install cost. Total quantity increased by 18 to reflect correct requirements.																																	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:
(18) Prior year install cost includes \$10.357M for Parts 2 and 3 in prior years. Quantity of 126 installs are complete and no schedule is required. (19) Install Equipment N/R represents Production Line Shutdown Costs of three separate events during the FYDP. Costs in FY12/13 represent AFC-316 new Nacelle Production Line Shut Down at the vendor. Costs in FY13-15 represent CBR Line Shutdown at the vendor. Costs in FY16-19 represent Center Barrel Production Line Shutdown at two depots (FRCSE & FRC SW). (20) The increase in ILS from FY12 to FY13 is due to increased workload required to develop and process the additional ECPs and Airframe Changes resulting from the SLEP engineering. (21) The increase in Other Support from FY12 to FY13 is due to increased workload required to develop and process the additional ECPs and Airframe Changes resulting from the SLEP engineering.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	384.408	0.075	-	32.402	-	32.402	32.552	84.755	143.339	208.843	249.439	1,135.813
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	384.408	0.075	-	32.402	-	32.402	32.552	84.755	143.339	208.843	249.439	1,135.813
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	384.408	0.075	-	32.402	-	32.402	32.552	84.755	143.339	208.843	249.439	1,135.813
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
The system is a Tactical Data Link Communications to provide a secure communications and navigation system. Multifunctional Information Distribution System Low Volume Terminal (MIDS-LVT) is a Pre-planned Product Improvement to the Joint Tactical Information System (JTIDS) and is being installed in United States Navy/United States Marine Corps F/A-18C/D/E/F and EA-18G aircraft, since the aircraft cannot accommodate the larger JTIDS Class 2 Terminals due to size and weight constraints. MIDS LVT is an International Cooperative Program development with France, Germany, Italy, and Spain. A Program Memorandum of Understanding and Supplement 1 are in effect. The system is interoperable with JTIDS Class 2 Terminals utilized by North Atlantic Treaty Organization allies as well as the other Services. F/A-18 will be interoperable with all Link 16 equipped platforms in United States and Allied Nations. This Operational, Safety and Improvement Program (OSIP) will also be used to perform efforts to address parts obsolescence and to examine potential MIDS-related capability upgrades associated with Network Centric Operations and interoperability requirements. Operational Requirements Document (ORD) # 337-06-93. The MIDS Joint Tactical Radio System (JTRS) is an Engineering Change Proposal (ECP) upgrade to the MIDS-LVT developed under (ORD#642-61-04). MIDS JTRS offers the functionality of Link 16, Tactical Air Navigation, and digital voice in a Software-Controlled Architecture JTRS-compliant format, and provides the option of future expandability to host the Advanced Tactical Data Link. MIDS JTRS will be retrofit in Lots 26-31 F/A-18E/F and EA-18G aircraft. This OSIP also includes funding for the purchase of MIDS upgrade kits for Cryptographic Modernization and Frequency Remapping capability.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												
This OSIP was originally planned for incorporation of MIDS into F/A-18C/D (Lots 12-21) and F/A-18E/F (Lots 22-31), but is now applicable to all F/A-18C/D/E/F and EA-18G aircraft. A MIDS installation kit Critical Design Review was held at Boeing in September 1996. MIDS Terminal initial Engineering and Manufacturing Development (EMD) delivery for F/A-18 occurred in February 1998. Installation into the first three (3) EMD aircraft began in March 1998 and ended in September 1998. In May 1999, Boeing was awarded the ECP contracts required to provision the F/A-18E/F for the MIDS LVT while still in production. These provisions include: an Interference Blanking Unit; an Amplifier Control Intercommunication Unit; a MIDS Compatible Combined Interrogator / Transponder upgrade; and a MIDS Compatible Transponder upgrade. This list of equipment was also required to be retrofit into F/A-18C/D and is included as the "Avionics Upgrade" in the table below. These provisions are required by other F/A-18 programs and can be installed independently of MIDS LVT. Operational Evaluation was completed in June 2003, with a recommendation of operationally effective and operationally not suitable. A Verification Correction of Deficiencies (VCD) was completed on 15 August 2003. The VCD report delivered on 4 September 2003 recommended full fleet release. Full Rate Production approval was granted on 25 September 2003. Integration testing of MIDS JTRS capabilities began in FY2007. FY2007 was a MIDS JTRS Low Rate Initial Production buy per the approved acquisition strategy and will enable Initial Operational Capability in FY2009.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)
Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
Increase in funding beginning in FY14 is for all MIDS JTRS fleet with 4-Net Concurrent Multi-Netting and Concurrent Contention Receive (CMN/CCR).		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)												
A Kits												
Recurring												
1.1.1) Lot 12 through 21 Kits - Organic ⁽²²⁾	397 / 57.436	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	397 / 57.436
1.1.2) Lot 26 through 31 Kits (MIDS-JTRS) - Organic ⁽²³⁾	24 / 0.240	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.240
Subtotal Recurring	421 / 57.676	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	421 / 57.676
B Kits												
Recurring												
2.1.1) Avionics Upgrade - Organic	397 / 59.274	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	397 / 59.274
2.1.2) MIDS LVT - Organic	476 / 134.307	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	476 / 134.307
2.1.3) MIDS JTRS Terminals - Organic	12 / 7.738	- / -	- / -	- / -	- / -	- / -	- / -	171 / 53.865	383 / 122.817	232 / 75.735	24 / 7.976	822 / 268.131
2.1.4) MIDS JTRS Upgrades - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 4.455	55 / 4.535	55 / 4.617	- / -	165 / 13.607
2.1.5) MIDS JTRS SCS - Organic	- / -	- / -	- / -	- / 15.600	- / -	- / 15.600	- / 20.483	- / 13.353	- / 4.411	- / 5.265	- / -	- / 59.112
2.1.6) E/F MIDS JTRS TTNT Terminals - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	105 / 53.554	313 / 164.951	418 / 218.505
2.1.7) E/F TTNT Aircraft Retrofits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 8.400	358 / 50.120	418 / 58.520
2.1.8) EA-18G MIDS JTRS TTNT Terminals - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	99 / 52.000	- / -	99 / 52.000
2.1.9) EA-18G TTNT Aircraft Retrofits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 2.100	86 / 12.200	101 / 14.300
2.1.10) COMSEC Workstations - Organic	136 / 0.483	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 0.483
2.1.11) Prior Year Installation Costs - Organic	461 / 39.882	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	461 / 39.882
Subtotal Recurring	1,482 / 241.684	- / -	- / -	- / 15.600	- / -	- / 15.600	- / 20.483	226 / 71.673	438 / 131.763	566 / 201.671	781 / 235.247	3,493 / 918.121
Non-Recurring												
2.2.1) Install Equipment N/R - Organic	- / 37.238	- / -	- / -	- / 16.006	- / -	- / 16.006	- / 11.259	- / 12.257	- / 10.736	- / 6.317	- / 3.000	- / 96.813
Subtotal Non-Recurring	- / 37.238	- / -	- / -	- / 16.006	- / -	- / 16.006	- / 11.259	- / 12.257	- / 10.736	- / 6.317	- / 3.000	- / 96.813
Total, Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	1,903 / 336.598	- / -	- / -	- / 31.606	- / -	- / 31.606	- / 31.742	226 / 83.930	438 / 142.499	566 / 207.988	781 / 238.247	3,914 / 1,072.610
Total Procurement, All Modifications	1,903 / 336.598	- / -	- / -	- / 31.606	- / -	- / 31.606	- / 31.742	226 / 83.930	438 / 142.499	566 / 207.988	781 / 238.247	3,914 / 1,072.610
Support												
3.1) Engineering Change Orders	- / 0.980	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.980

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)				

Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.2) Data	- / 1.980	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.980
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 7.228	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.228
3.5) ILS	- / 9.161	- / -	- / -	- / 0.450	- / -	- / 0.450	- / 0.458	- / 0.466	- / 0.475	- / 0.483	- / 0.492	- / 11.985
3.6) Other Support	- / 28.461	- / 0.075	- / -	- / 0.346	- / -	- / 0.346	- / 0.352	- / 0.359	- / 0.365	- / 0.372	- / 10.700	- / 41.030
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	47.810	0.075	-	0.796	-	0.796	0.810	0.825	0.840	0.855	11.192	63.203
Total Procurement and Support	384.408	0.075	-	32.402	-	32.402	32.552	84.755	143.339	208.843	249.439	1,135.813
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	384.408	0.075	-	32.402	-	32.402	32.552	84.755	143.339	208.843	249.439	1,135.813

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT			Related RDT&E PEs:	
Manufacturer Information: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)			Method of Implementation: Not Installed - Lot 12 through 21 Kits			Installation Quantity: 397	
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)			Method of Implementation: Not Installed - Lot 26 through 31 Kits (MIDS-JTRS)			Installation Quantity: 24	
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)			Method of Implementation: Organic - Avionics Upgrade			Installation Quantity: 397	
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)			Method of Implementation: Organic - MIDS LVT			Installation Quantity: 476	
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)			Method of Implementation: Organic - MIDS JTRS Terminals			Installation Quantity: 822	
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)			Method of Implementation: Organic - MIDS JTRS Upgrades			Installation Quantity: 165	
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)			Method of Implementation: Organic - E/F MIDS JTRS TTNT Terminals			Installation Quantity: 418	
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)			Method of Implementation: Organic - E/F TTNT Aircraft Retrofits			Installation Quantity: 418	
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)			Method of Implementation: Organic - EA-18G MIDS JTRS TTNT Terminals			Installation Quantity: 99	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)
Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Organic - EA-18G TTNT Aircraft Retrofits	Installation Quantity: 101
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Organic - COMSEC Workstations	Installation Quantity: 136
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Not Installed - Prior Year Installation Costs	Installation Quantity: 461
Footnotes: (22) All installs were in PY. See PY Install cost element for cost. (23) All installs were in PY. See PY Install cost element for cost.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)			

Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: AVIONICS UPGRADE					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	315.911	10.248	36.161	10.434	-	10.434	15.418	6.669	-	-	-	394.841
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	315.911	10.248	36.161	10.434	-	10.434	15.418	6.669	-	-	-	394.841
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	315.911	10.248	36.161	10.434	-	10.434	15.418	6.669	-	-	-	394.841
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This Operational Safety Improvement Program (OSIP) upgrades United States Marine Corps (USMC) F/A-18A/B/C/Ds avionics including both hardware and software capabilities. This requirement is critical to meet the Marine Corps requirements for the Tactical Aircraft Integration Plan. The Avionics Upgrade includes avionics subsystems already incorporated or being incorporated into USMC and/or Foreign Military Sales F/A-18 aircraft. The Basic Engineering Change Proposal (ECP) 583 incorporates the following subsystems: AN/ARC-210(V) with HAVEQUICK II and SINGGARS; Digital Communication Systems Receiver/Transmitter (RT-1824(C)); Combined Interrogator/Transponder AN/APX-111 (V); Night Vision Display System; Mission Computer CP-2360 (XN-8); Radar (AN/APG-73); Stores Management Set (SMS, AN/AYQ-9); Advanced Medium-Range Air-to-Air Missile Capability (radar modification, launchers, weapons pylons and control stick); Digital Display Indicator Upgrade; Mission Data Loader (AN/ASQ-215); Targeting Forward-Looking Infrared (FLIR) provisions (AAS-38B). ECP 583R1 adds a digital wingtip modification, allowing use of the AIM-9X air-to-air missile. ECP 583R2 adds the following capabilities to A+ aircraft: Multi-functional Information Distribution System (MIDS LVT); Color Displays; Joint Helmet Mounted Cueing System (JHMCS); ALE-47; Tactical Aircraft Moving Map Capability (TAMMAC); and Auxiliary Memory Unit (AMU). ECP 583 R3 was cancelled. ECP583R4 will incorporate the United States Navy Aircrew Common Ejection Seat (NACES) for utilization with the JHMCS system on A+ aircraft. ECP583R6 will incorporate the NACES for utilization with the JHMCS system on C+ aircraft. ECP 1153 adds the following capabilities to C+ aircraft: MIDS LVT; Color Displays; JHMCS; ALE-47; TAMMAC; and AMU. ECP 583-TBD for B+ will incorporate the NACES, MIDS LVT; Color Displays; JHMCS; ALE-47; TAMMAC; and AMU on the B+ aircraft. This OSIP also provided limited integration of the LITENING Enhanced Range FLIR on 24 USMC F/A-18Ds. This allowed the USMC to utilize existing LITENING pods, currently in the AV-8B inventory, on USMC F/A-18Ds to provide the Air Ground Task Force capability and flexibility in the execution of operations in the combat spectrum.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The number of aircraft to be retrofitted in the program of record has changed; the USMC has deferred retrofitting some early lot F/A-18C/Ds vice only F/A-18A/Bs due to greater remaining life on those aircraft. ECP 583 was approved 25 March 1999. ECP 583R1 was approved in August 2001. ECP 583R2 was approved in 2004. ECP 583R3 was cancelled and ECP 583R4 was approved in 2006. A New Start notification was sent to Congress in FY2003 to initiate the LITENING integration and procurement of the FY2004 Installation Kits. Due to lower than expected pricing, 24 aircraft are able to be modified with the originally identified funding.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)				
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: AVIONICS UPGRADE					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)												
A Kits												
Recurring												
1.1.1) ECP-583 - Organic ⁽²⁴⁾	27 / 7.522	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 7.522
1.1.2) ECP583R1 - Organic ⁽²⁵⁾	82 / 0.319	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	82 / 0.319
1.1.3) ECP583R2 - Organic ⁽²⁶⁾	13 / 8.180	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 8.180
1.1.4) ECP583R4 - Organic ⁽²⁷⁾	42 / 1.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 1.250
1.1.5) ECP 620 - Organic ⁽²⁸⁾	28 / 0.981	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.981
1.1.6) Litening - Organic ⁽²⁹⁾	24 / 0.853	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.853
Subtotal Recurring	216 / 19.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / 19.105
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 17.710	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.710
Subtotal Non-Recurring	- / 17.710	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.710
B Kits												
Recurring												
2.1.1) ECP 583 GFE (B Kits) - Organic ⁽³⁰⁾	895 / 157.490	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	895 / 157.490
2.1.2) ECP583R1 - Organic ⁽³¹⁾	104 / 1.643	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	104 / 1.643
2.1.3) ECP583R2 (A++) - NonOrganic	175 / 51.213	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	175 / 51.213
2.1.4) ECP583R4 (A++ NACES) - Organic ⁽³²⁾	64 / 14.707	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	64 / 14.707
2.1.5) ECP583R2/R7 (A++/C+ Obsolescence Mgmt) - NonOrganic ⁽³³⁾	- / 2.429	- / 0.088	- / 2.433	- / 3.026	- / -	- / 3.026	- / 6.380	- / -	- / -	- / -	- / -	- / 14.356
2.1.6) ECP583R6 (C+ NACES) - Organic	2 / 0.559	- / -	10 / 4.438	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 4.997
2.1.7) ECP583R6 (C+ NACES) CADS/PADS - Organic	- / -	28 / 0.793	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.793
2.1.8) ECP 1153 (C+) - NonOrganic ⁽³⁴⁾	2 / 1.798	- / -	10 / 25.248	- / -	- / -	- / -	4 / -	14 / -	- / -	- / -	- / -	30 / 27.046
2.1.9) Prior Year Installation Cost - Organic ⁽³⁵⁾	61 / 22.510	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	61 / 22.510
Subtotal Recurring	1,303 / 252.349	28 / 0.881	20 / 32.119	- / 3.026	- / -	- / 3.026	4 / 6.380	14 / -	- / -	- / -	- / -	1,369 / 294.755
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic ⁽³⁶⁾	- / -	- / 0.573	- / 2.379	- / 4.900	- / -	- / 4.900	- / 1.500	- / -	- / -	- / -	- / -	- / 9.352

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)			
Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: AVIONICS UPGRADE						Related RDT&E PEs:			
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Subtotal Non-Recurring</i>	- / -	- / 0.573	- / 2.379	- / 4.900	- / -	- / 4.900	- / 1.500	- / -	- / -	- / -	- / -	- / 9.352	
<i>Total, USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)</i>	1,519 / 289.164	28 / 1.454	20 / 34.498	- / 7.926	- / -	- / 7.926	4 / 7.880	14 / -	- / -	- / -	- / -	1,585 / 340.922	
<i>Total Procurement, All Modifications</i>	1,519 / 289.164	28 / 1.454	20 / 34.498	- / 7.926	- / -	- / 7.926	4 / 7.880	14 / -	- / -	- / -	- / -	1,585 / 340.922	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 1.812	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.812	
3.3) Training Equipment	- / 0.747	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.747	
3.4) Support Equipment	- / 1.491	- / 2.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.282	
3.5) ILS	- / 0.339	- / 0.991	- / 1.003	- / 1.021	- / -	- / 1.021	- / 1.039	- / 0.558	- / -	- / -	- / -	- / 4.951	
3.6) Other Support	- / 5.062	- / 0.661	- / 0.660	- / 0.671	- / -	- / 0.671	- / 0.684	- / 0.296	- / -	- / -	- / -	- / 8.034	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Total Support, All Modifications</i>	9.451	4.443	1.663	1.692	-	1.692	1.723	0.854	-	-	-	19.826	
<i>Total Procurement and Support</i>	298.615	5.897	36.161	9.618	-	9.618	9.603	0.854	-	-	-	360.748	
USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) Installation Cost	- / 17.296	- / 4.351	- / -	- / 0.816	- / -	- / 0.816	- / 5.815	- / 5.815	- / -	- / -	- / -	- / 34.093	
<i>Total Installation Cost</i>	- / 17.296	- / 4.351	- / -	- / 0.816	- / -	- / 0.816	- / 5.815	- / 5.815	- / -	- / -	- / -	- / 34.093	
Total Cost (Procurement + Support + Installation)	315.911	10.248	36.161	10.434	-	10.434	15.418	6.669	-	-	-	394.841	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)				
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: AVIONICS UPGRADE				Related RDT&E PEs:					
Manufacturer Information: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)												
Manufacturer Name: ECP-583 A++						Manufacturer Location: N/A						
Administrative Leadtime (<i>in Months</i>): 9						Production Leadtime (<i>in Months</i>): 8						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Manufacturer Name: ECP-11153 (C+)						Manufacturer Location: N/A						
Administrative Leadtime (<i>in Months</i>): 4						Production Leadtime (<i>in Months</i>): 20						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Jan 2013										
Delivery Dates		Oct 2014										
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)				Method of Implementation: Field Mod Team				Installation Name: ECP583R2 (A++)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	164 / 17.296	11 / 4.351	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	175 / 21.647
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	164 / 17.296	11 / 4.351	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	175 / 21.647

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0525 - F-18 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)									
Models of Systems Affected: F/A-18 A/B/C/D										Type Modification: AVIONICS UPGRADE										Related RDT&E PEs:											
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)										Method of Implementation: Field Mod Team										Installation Name: ECP583R2 (A++)											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	164	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	175
Out	164	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	175

Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)										Method of Implementation: Field Mod Team										Installation Name: ECP 1153 (C+)							
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total														
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)														
All Prior Years		- / -	- / -	- / -	2 / 0.816	0 / 0.000	2 / 0.816	- / -	- / -	- / -	- / -	- / -	2 / 0.816														
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.154	- / -	- / -	- / -	- / -	10 / 4.154														
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.661	- / -	- / -	- / -	- / -	4 / 1.661														
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 5.815	- / -	- / -	- / -	14 / 5.815														
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
Total		- / -	- / -	- / -	2 / 0.816	- / -	2 / 0.816	14 / 5.815	14 / 5.815	- / -	- / -	- / -	30 / 12.446														

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	2	5	5	-	4	7	7	-	-	-	-	-	-	-	-	-	-	-	30
Out	-	-	-	-	-	-	-	-	-	-	-	-	2	5	5	-	4	7	7	-	-	-	-	-	-	-	-	-	-	-	30

Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)										Method of Implementation: Not Installed - ECP-583										Installation Quantity: 27							
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)										Method of Implementation: Not Installed - ECP583R1										Installation Quantity: 82							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R2	Installation Quantity: 13
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R4	Installation Quantity: 42
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP 620	Installation Quantity: 28
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - Litening	Installation Quantity: 24
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP 583 GFE (B Kits)	Installation Quantity: 895
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R1	Installation Quantity: 104
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R4 (A++ NACES)	Installation Quantity: 64
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Organic - ECP583R6 (C+ NACES)	Installation Quantity: 12
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Organic - ECP583R6 (C+ NACES) CADS/PADS	Installation Quantity: 28
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - Prior Year Installation Cost	Installation Quantity: 61
Footnotes: ⁽²⁴⁾ All installs were in PY. See PY Install cost element for cost. ⁽²⁵⁾ All installs were in PY. See PY Install cost element for cost. ⁽²⁶⁾ All installs were in PY. See PY Install cost element for cost. ⁽²⁷⁾ All installs were in PY. See PY Install cost element for cost. ⁽²⁸⁾ All installs were in PY. See PY Install cost element for cost. ⁽²⁹⁾ All installs were in PY. See PY Install cost element for cost. ⁽³⁰⁾ All installs were in PY. See PY Install cost element for cost. ⁽³¹⁾ All installs were in PY. See PY Install cost element for cost. ⁽³²⁾ All installs were in PY. See PY Install cost element for cost.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
(33) Costs for obsolescence kits vary because obsolescence issues are not an ongoing effort for a single item and are not subject to inflation driven increases. The requirement for obsolescence kits was determined by evaluating historic LoTB costs for analogous systems. These costs were projected to support future obsolescence issues in the affected components. (34) Installation of 2 validation/verification kits procured in prior years delayed from FY13 to FY14 due to longer than anticipated NRE and resultant delay in delivery of kits. Quantity of 4 C+ kits installed in FY15 and 14 C+ kits installed in FY16, with no procurement cost are a result of HQMC decision to harvest parts from retiring A++ aircraft. The procurement of harvested kits changed from FY12 to FY15 and FY16 to align with the retirement of the A++ aircraft. (35) Prior year install cost includes \$22.51M for quantity of 61 ECP 583 and Litening kits procured in prior years. These installs are complete and no schedule is required. (36) Install Equipment N/R increases in FY14 for flight test of the C+ configuration.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 6 - Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	229.086	38.141	24.579	12.705	-	12.705	8.384	-	-	-	-	312.895
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	229.086	38.141	24.579	12.705	-	12.705	8.384	-	-	-	-	312.895
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	229.086	38.141	24.579	12.705	-	12.705	8.384	-	-	-	-	312.895
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
The Joint Helmet-Mounted Cueing System (JHMCS) is a multi-service system that provides United States Air Force (USAF), United States Navy (USN), and United States Marine Corps aircraft the capability to cue and verify on-board weapons and weapons sensors to a specific azimuth/elevation determined by the pilot's head position and to confirm sensor line-of-sight. The intent is to reduce tasks required of aircrews, verify seeker/sensor position, and enhance weapons employment opportunities. The JHMCS incorporates an ejection-compatible helmet-mounted display system, with capability to cue and verify cueing of high off-axis sensors and weapons, on USAF and USN single seat and two seat fighter aircraft. JHMCS Night Vision Cueing and Display will provide the ability to cue and display weapons and sensors at night through the initial fielding of a narrow field of view Night Vision Device that integrates the JHMCS cueing and display symbology. The capability will be upgraded to a wide field of view system when available.												
"Installation Equipment" quantities have been planned by the Joint Program Office to maximize the quantity fielded across all service platforms as expeditiously as possible, while balancing contractor production capacity. In order to meet this objective, in some cases the "Installation Equipment" is procured a year prior to the "Installation Kit" procurement. However, due to a year difference in production lead-times both the "Installation Kits" and "Installation Equipment" will be delivered at essentially the same time. This allows for the quickest introduction to the fleet of this critical war fighting capability and balances the needs of all services with production capacity. SJU-17B Navy Aircrew Common Ejection Seat (NACES) and Tactical Aircraft Moving Map Capability Digital Map Computer are required for retrofit installation of JHMCS.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: F/A-18E/F JHMCS completed Developmental Testing in August 2001. Operational Evaluation was completed in April 2002. F/A-18E/F retrofit kit procurement began in FY 2004 and installed in FY 2005 starting with Lot 23 aircraft. JHMCS procurement for F/A-18C/D was approved at a milestone decision in January 2004. AFT Seat development completed in FY 2006. The first F/A-18C/D JHMCS retrofit kits were procured in FY 2005 and installed in FY 2006.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 6 - Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)
Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 6 - Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)													
A Kits													
Recurring													
1.1.1) C/D A-Kit - NonOrganic	296 / 27.892	70 / 5.722	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	366 / 33.614	
1.1.2) E/F A-Kit - NonOrganic	140 / 11.913	37 / 4.490	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	177 / 16.403	
1.1.3) Canopy A Kits (AYC-1321) - Organic	436 / 2.428	105 / 0.148	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	541 / 2.576	
1.1.4) Ejection Seat A Kits (NACES Retrofit) - Organic	45 / 0.068	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 0.068	
1.1.5) Ejection Seat A Kits (ACC-695) - Organic	382 / 2.067	78 / 0.312	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	460 / 2.379	
Subtotal Recurring	1,299 / 44.368	290 / 10.672	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,589 / 55.040	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 18.526	- / 0.299	- / 0.431	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.256	
Subtotal Non-Recurring	- / 18.526	- / 0.299	- / 0.431	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.256	
B Kits													
Recurring													
2.1.1) C/D B-Kit - Organic	2,504 / 64.123	63 / 8.227	50 / 8.975	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,617 / 81.325	
2.1.2) E/F B-Kit (AFC-445 F/A-18F) - Organic	781 / 21.525	23 / 2.369	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	804 / 23.894	
2.1.3) 25X SCS - Organic	- / -	- / 1.904	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.904	
Subtotal Recurring	3,285 / 85.648	86 / 12.500	50 / 8.975	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,421 / 107.123	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	
Subtotal Non-Recurring	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	
Total, Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	4,584 / 149.542	376 / 23.471	50 / 9.406	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,010 / 182.419	
Total Procurement, All Modifications	4,584 / 149.542	376 / 23.471	50 / 9.406	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,010 / 182.419	
Support													
3.1) Engineering Change Orders	- / 0.794	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.794	
3.2) Data	- / 6.054	- / 0.163	- / 0.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.222	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	174 / 18.887	6 / 0.605	- / 0.006	- / 0.006	- / -	- / 0.006	- / 0.003	- / -	- / -	- / -	- / -	180 / 19.507	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 6 - Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.5) ILS	- / 20.191	- / 2.174	- / 2.758	- / 1.394	- / -	- / 1.394	- / 0.611	- / -	- / -	- / -	- / -	- / 27.128
3.6) Other Support	- / 2.378	- / 7.222	- / 1.262	- / 1.284	- / -	- / 1.284	- / 1.308	- / -	- / -	- / -	- / -	- / 13.454
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	48.304	10.164	4.031	2.684	-	2.684	1.922	-	-	-	-	67.105
Total Procurement and Support	197.846	33.635	13.437	2.684	-	2.684	1.922	-	-	-	-	249.524
Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00) Installation Cost	- / 31.240	- / 4.506	- / 11.142	- / 10.021	- / -	- / 10.021	- / 6.462	- / -	- / -	- / -	- / -	- / 63.371
Total Installation Cost	- / 31.240	- / 4.506	- / 11.142	- / 10.021	- / -	- / 10.021	- / 6.462	- / -	- / -	- / -	- / -	- / 63.371
Total Cost (Procurement + Support + Installation)	229.086	38.141	24.579	12.705	-	12.705	8.384	-	-	-	-	312.895
</												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT			Related RDT&E PEs:						
Manufacturer Information: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)												
Manufacturer Name: C/D A-kits						Manufacturer Location: N/A						
Administrative Leadtime (<i>in Months</i>): 15						Production Leadtime (<i>in Months</i>): 16						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2012											
Delivery Dates	Apr 2014											
Manufacturer Name: E/F A-kits ⁽³⁷⁾						Manufacturer Location: N/A						
Administrative Leadtime (<i>in Months</i>): 14						Production Leadtime (<i>in Months</i>): 14						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Nov 2012											
Delivery Dates	Jan 2014											
Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)			Method of Implementation: Field Mod Teams					Installation Name: C/D A-Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	217 / 20.891	19 / 3.385	60 / 8.429	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	296 / 32.705
FY 2012	- / -	- / -	- / -	45 / 6.322	- / -	45 / 6.322	25 / 3.575	- / -	- / -	- / -	- / -	70 / 9.897
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	217 / 20.891	19 / 3.385	60 / 8.429	45 / 6.322	- / -	45 / 6.322	25 / 3.575	- / -	- / -	- / -	- / -	366 / 42.602

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0525 - F-18 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)									
Models of Systems Affected: F/A-18 and EA-18G										Type Modification: CAPABILITY IMPROVEMENT										Related RDT&E PEs:											
Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)											Method of Implementation: Field Mod Teams										Installation Name: C/D A-Kit										
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	217	5	5	5	4	15	15	15	15	-	-	22	23	13	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	366
Out	217	5	5	5	4	15	15	15	15	-	-	22	23	13	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	366
Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)																															
											Method of Implementation: Field Mod Teams										Installation Name: E/F A-Kit										
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		94 / 10.349		8 / 1.121		22 / 2.713		16 / 1.977		0 / 0.000		16 / 1.977		- / -		- / -		- / -		- / -		- / -		140 / 16.160							
FY 2012		- / -		- / -		- / -		14 / 1.722		- / -		14 / 1.722		23 / 2.887		- / -		- / -		- / -		- / -		37 / 4.609							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		94 / 10.349		8 / 1.121		22 / 2.713		30 / 3.699		- / -		30 / 3.699		23 / 2.887		- / -		- / -		- / -		- / -		177 / 20.769							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	94	2	2	2	2	5	5	6	6	8	10	6	6	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	177
Out	94	2	2	2	2	5	5	6	6	8	10	6	6	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	177
Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)																															
											Method of Implementation: Organic - Canopy A Kits (AYC-1321)										Installation Quantity: 541										

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)
Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Organic - Ejection Seat A Kits (NACES Retrofit)	Installation Quantity: 45
Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Organic - Ejection Seat A Kits (ACC-695)	Installation Quantity: 460
Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Organic - C/D B-Kit	Installation Quantity: 2617
Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Organic - E/F B-Kit (AFC-445 F/A-18F)	Installation Quantity: 804
Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 180
Footnotes: ⁽³⁷⁾ FY2012 contract and delivery dates have been updated to reflect actuals. FY2012 contract award was delayed due to a re-proposal of the effort. The production lead time has been adjusted to 14 months to account for realistic delivery schedules based on contractor historical performance.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)				
Models of Systems Affected: F/A-18A+/C/D/E/F			Type Modification: CAPABILITY IMPROVEMENTS				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	761.133	52.503	46.771	7.060	-	7.060	5.865	5.332	-	0.592	-	879.256
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	761.133	52.503	46.771	7.060	-	7.060	5.865	5.332	-	0.592	-	879.256
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	761.133	52.503	46.771	7.060	-	7.060	5.865	5.332	-	0.592	-	879.256
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Advanced Targeting Forward Looking Infrared (ATFLIR) (Operational Requirements Document# 700-88-06) will provide the F/A-18A+/C/D/E/F with an enhanced capability to detect, track and attack air and ground targets. Laser guided and global positioning system standoff weapon systems with greater standoff ranges require improved performance over second generation targeting pods. The ATFLIR currently utilizes the third generation of Forward-Looking Infrared technology and provides a quantum leap in operational effectiveness to fully support the standoff precision strike mission. This Operational, Safety and Improvement Program is used to perform efforts to address parts obsolescence and to examine and incorporate potential ATFLIR-related capability upgrades associated with Network Centric Operations, interoperability requirements, upgraded targeting capability requirements, and Full Rate Production Operational Test Program Sets (Engineering Change Proposal 6375). DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: ATFLIR development began in FY1997. Operational Evaluation (OPEVAL) testing was completed in June 2003 and the OPEVAL report was issued 4 September 2003. Full Rate Production approval was given in October 2003. Navigational forward looking Infra-Red capability was removed from the system in December 2003.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)				
Models of Systems Affected: F/A-18A+/C/D/E/F			Type Modification: CAPABILITY IMPROVEMENTS				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)												
A Kits												
Recurring												
1.1.1) A-Kit (ARDL Datalink) - NonOrganic	1,423 / 10.041	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,423 / 10.041
1.1.2) ARDL A6 Kits - OCO - NonOrganic	- / -	49 / 0.631	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 0.631
Subtotal Recurring	1,423 / 10.041	49 / 0.631	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,472 / 10.672
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 5.986	- / 17.986	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.972
Subtotal Non-Recurring	- / 5.986	- / 17.986	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.972
B Kits												
Recurring												
2.1.1) ATFLIR Pods C/D ("O" Level) - Organic	187 / 411.626	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	187 / 411.626
2.1.2) ATFLIR PAU C/D - Organic	- / 1.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.300
2.1.3) ATFLIR Pods E/F ("O" Level) - Organic	- / 0.542	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.542
2.1.4) ARDL RDC Datalink - Organic	180 / 2.828	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	180 / 2.828
2.1.5) ARDL RDC Datalink OCO - NonOrganic	444 / 3.585	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	444 / 3.585
2.1.6) ARDL RDC Datalink (C/D) - Organic	94 / 2.529	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	94 / 2.529
2.1.7) ARDL RDC Datalink (E/F) - Organic	93 / 2.529	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	93 / 2.529
2.1.8) IR Marker - OCO - Organic	- / -	38 / 9.136	185 / 41.243	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	223 / 50.379
2.1.9) ATFLIR EOSU ECP10 - RTOC - NonOrganic ⁽³⁸⁾	- / -	35 / 2.334	70 / 3.085	110 / 4.935	- / -	110 / 4.935	111 / 4.980	90 / 4.111	- / -	- / -	- / -	416 / 19.445
2.1.10) Pod Data Link (Ku) (To ECP-0035) - Organic	- / 3.524	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.524
2.1.11) 25X (SCS) OCO - Organic	- / -	- / 3.519	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.519
2.1.12) H10 (SCS) OCO - Organic	- / -	- / 2.309	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.309
2.1.13) Software upgrades - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.296	- / -	- / 0.296
Subtotal Recurring	998 / 428.463	73 / 17.298	255 / 44.328	110 / 4.935	- / -	110 / 4.935	111 / 4.980	90 / 4.111	- / -	- / 0.296	- / -	1,637 / 504.411
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 65.371	- / 10.687	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 76.058
Subtotal Non-Recurring	- / 65.371	- / 10.687	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 76.058

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)				
Models of Systems Affected: F/A-18A+/C/D/E/F				Type Modification: CAPABILITY IMPROVEMENTS				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total, Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	2,421 / 509.861	122 / 46.602	255 / 44.328	110 / 4.935	- / -	110 / 4.935	111 / 4.980	90 / 4.111	- / -	- / 0.296	- / -	3,109 / 615.113
Total Procurement, All Modifications	2,421 / 509.861	122 / 46.602	255 / 44.328	110 / 4.935	- / -	110 / 4.935	111 / 4.980	90 / 4.111	- / -	- / 0.296	- / -	3,109 / 615.113
Support												
3.1) Engineering Change Orders	- / 94.710	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 94.710
3.2) Data	- / 8.462	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.387	- / -	- / 0.296	- / -	- / 9.145
3.3) Training Equipment	- / 4.275	- / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.315
3.4) Support Equipment	- / 65.381	- / 0.524	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 65.905
3.5) ILS	- / 68.660	- / 1.749	- / 1.223	- / 1.052	- / -	- / 1.052	- / 0.339	- / 0.345	- / -	- / -	- / -	- / 73.368
3.6) Other Support	- / 5.445	- / 1.758	- / 1.010	- / 0.734	- / -	- / 0.734	- / 0.204	- / 0.207	- / -	- / -	- / -	- / 9.358
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	246.933	4.071	2.233	1.786	-	1.786	0.543	0.939	-	0.296	-	256.801
Total Procurement and Support	756.794	50.673	46.561	6.721	-	6.721	5.523	5.050	-	0.592	-	871.914
Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) Installation Cost	- / 4.339	- / 1.830	- / 0.210	- / 0.339	- / -	- / 0.339	- / 0.342	- / 0.282	- / -	- / -	- / -	- / 7.342
Total Installation Cost	- / 4.339	- / 1.830	- / 0.210	- / 0.339	- / -	- / 0.339	- / 0.342	- / 0.282	- / -	- / -	- / -	- / 7.342
Total Cost (Procurement + Support + Installation)	761.133	52.503	46.771	7.060	-	7.060	5.865	5.332	-	0.592	-	879.256

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	

Models of Systems Affected: F/A-18A+/C/D/E/F		Type Modification: CAPABILITY IMPROVEMENTS			Related RDT&E PEs:		

Manufacturer Information: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)							

Manufacturer Name: ARDL Datalink				Manufacturer Location: N/A			

Administrative Leadtime (<i>in Months</i>): 10				Production Leadtime (<i>in Months</i>): 18			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Manufacturer Name: ARDL A6 Kits OCO				Manufacturer Location: N/A			

Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 3			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011						
Delivery Dates	Mar 2012						

Manufacturer Name: ARDL RDC Datalink - OCO				Manufacturer Location: N/A			

Administrative Leadtime (<i>in Months</i>): 12				Production Leadtime (<i>in Months</i>): 12			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Manufacturer Name: ATFLIR EOSU ECP 10				Manufacturer Location: N/A			

Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 5			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015		
Delivery Dates	May 2012	May 2013	May 2014	May 2015	May 2016		

Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)											

Method of Implementation: Depot			Installation Name: A-Kit (ARDL Datalink)								

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	1,066 / 1.627	357 / 0.765	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,423 / 2.392
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)

Models of Systems Affected: F/A-18A+/C/D/E/F	Type Modification: CAPABILITY IMPROVEMENTS	Related RDT&E PEs:

Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)		Method of Implementation: Depot						Installation Name: A-Kit (ARDL Datalink)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1,066 / 1.627	357 / 0.765	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,423 / 2.392

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1,066	90	89	89	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,423	
Out	1,066	90	89	89	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,423	

Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)		Method of Implementation: Field Mod Team						Installation Name: ARDL A6 Kits - OCO				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	49 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 0.300
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy																								Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0525 - F-18 Series												Modification Nomenclature (Modification Number - Modification Title): 7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)											
Models of Systems Affected: F/A-18A+/C/D/E/F										Type Modification: CAPABILITY IMPROVEMENTS										Related RDT&E PEs:															
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)												Method of Implementation: Field Mod Team										Installation Name: ARDL A6 Kits - OCO													
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total											
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)													
To Complete		-		-		-		-		-		-		-		-		-		-		-		-											
Total		-		49 / 0.300		-		-		-		-		-		-		-		-		-		49 / 0.300											
Installation Schedule																																			
		APY		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC		Tot	
				1		2		3		4		1		2		3		4		1		2		3		4		1		2					
In		-		-		24		25		-		-		-		-		-		-		-		-		-		-		-		49			
Out		-		-		24		25		-		-		-		-		-		-		-		-		-		-		49					
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)																																			
Method of Implementation: Field Mod Team												Installation Name: ARDL RDC Datalink OCO																							
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total											
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)													
All Prior Years		444 / 2.712		-		-		-		-		-		-		-		-		-		-		444 / 2.712											
FY 2012		-		-		-		-		-		-		-		-		-		-		-		-											
FY 2013		-		-		-		-		-		-		-		-		-		-		-		-											
FY 2014		-		-		-		-		-		-		-		-		-		-		-		-											
FY 2015		-		-		-		-		-		-		-		-		-		-		-		-											
FY 2016		-		-		-		-		-		-		-		-		-		-		-		-											
FY 2017		-		-		-		-		-		-		-		-		-		-		-		-											
FY 2018		-		-		-		-		-		-		-		-		-		-		-		-											
To Complete		-		-		-		-		-		-		-		-		-		-		-		-											
Total		444 / 2.712		-		-		-		-		-		-		-		-		-		-		444 / 2.712											

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0525 - F-18 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)											
Models of Systems Affected: F/A-18A+/C/D/E/F										Type Modification: CAPABILITY IMPROVEMENTS										Related RDT&E PEs:											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Field Mod Team										Installation Name: ARDL RDC Datalink OCO											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	444	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	444
Out	444	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	444
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)																															
										Method of Implementation: Contractor and Depot										Installation Name: ATFLIR EOSU ECP10 - RTOC											
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		35 / 0.765		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		35 / 0.765			
FY 2013		- / -		- / -		70 / 0.210		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		70 / 0.210			
FY 2014		- / -		- / -		- / -		110 / 0.339		- / -		110 / 0.339		- / -		- / -		- / -		- / -		- / -		- / -		- / -		110 / 0.339			
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		111 / 0.342		- / -		- / -		- / -		- / -		- / -		- / -		111 / 0.342			
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		90 / 0.282		- / -		- / -		- / -		- / -		- / -		90 / 0.282			
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		- / -		35 / 0.765		70 / 0.210		110 / 0.339		- / -		110 / 0.339		111 / 0.342		90 / 0.282		- / -		- / -		- / -		- / -		- / -		416 / 1.938			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	18	17	-	-	35	35	-	-	55	55	-	-	56	55	-	-	45	45	-	-	-	-	-	-	-	-	-	416
Out	-	-	-	18	17	-	-	35	35	-	-	55	55	-	-	56	55	-	-	45	45	-	-	-	-	-	-	-	-	-	416
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)																															
										Method of Implementation: Organic - ATFLIR Pods C/D ("O" Level)										Installation Quantity: 187											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)
Models of Systems Affected: F/A-18A+/C/D/E/F	Type Modification: CAPABILITY IMPROVEMENTS	Related RDT&E PEs:
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	Method of Implementation: Organic - ARDL RDC Datalink	Installation Quantity: 180
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	Method of Implementation: Organic - ARDL RDC Datalink (C/D)	Installation Quantity: 94
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	Method of Implementation: Organic - ARDL RDC Datalink (E/F)	Installation Quantity: 93
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	Method of Implementation: Organic - IR Marker - OCO	Installation Quantity: 223
Footnotes: ⁽³⁸⁾ FY12 has a higher unit price due to the small quantity and initial procurement of the item.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)				
Models of Systems Affected: F/A-18/A-F			Type Modification: CAPABILITY UPGRADE					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.472	1.505	-	-	-	-	-	-	-	-	-	4.977
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3.472	1.505	-	-	-	-	-	-	-	-	-	4.977
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.472	1.505	-	-	-	-	-	-	-	-	-	4.977
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The AIM-9X Joint Operation Document (JORD), Operational Requirements Document (ORD)[#] USN-CAF (USAF 001-93)-IIA, requires a highly expanded off-boresight targeting capability that presently cannot be achieved with the current AIM-9M analog interface signal set. The JORD also requires the missile to communicate with the aircraft through a digital interface. The F/A-18 currently has a tailored MIL-STD-1760 interface on stations 2 through 8. Modifications to the outer wing panel and LAU-7 launcher can provide full digital capability to the wingtip and can support full AIM-9X capability. The current launcher support equipment (AWM-100) must also be modified to support/test this digital wingtip capability. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AIM-9X missile is currently in Follow-On Test and Evaluation.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 8 - F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)					
Models of Systems Affected: F/A-18/A-F				Type Modification: CAPABILITY UPGRADE				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)													
A Kits													
Recurring													
1.1.1) F/A-18 Digital Wingtip Kits - Organic	425 / 0.865	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	425 / 0.865	
1.1.2) AIM 9X mod kits - NonOrganic ⁽³⁹⁾	2 / 0.000	1 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / -	
Subtotal Recurring	427 / 0.865	1 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	428 / 0.865	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 0.003	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.003	
Subtotal Non-Recurring	- / 0.003	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.003	
B Kits													
Recurring													
2.1.2) H12 (SCS) - Organic	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	
2.1.3) Prior Year Installation Costs - Organic	43 / 2.503	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 2.503	
Subtotal Recurring	43 / 2.503	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 4.003	
Total, F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)	470 / 3.371	1 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	471 / 4.871	
Total Procurement, All Modifications	470 / 3.371	1 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	471 / 4.871	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.090	
3.6) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.090	-	-	-	-	-	-	-	-	-	-	0.090	
Total Procurement and Support	3.461	1.500	-	-	-	-	-	-	-	-	-	4.961	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)			
Models of Systems Affected: F/A-18/A-F				Type Modification: CAPABILITY UPGRADE					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02) Installation Cost	- / 0.011	- / 0.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.016	
<i>Total Installation Cost</i>	- / 0.011	- / 0.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.016	
Total Cost (Procurement + Support + Installation)	3.472	1.505	-	-	-	-	-	-	-	-	-	4.977	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0525 - F-18 Series										Modification Nomenclature (Modification Number - Modification Title): 8 - F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)											
Models of Systems Affected: F/A-18/A-F										Type Modification: CAPABILITY UPGRADE										Related RDT&E PEs:											
Manufacturer Information: F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)																															
Manufacturer Name: AIM 9X mod kits															Manufacturer Location: N/A																
Administrative Leadtime (in Months): 0															Production Leadtime (in Months): 0																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)										Method of Implementation: Field Mod Team										Installation Name: AIM 9X mod kits											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		2 / 0.011	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.011																		
FY 2012		- / -	1 / 0.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.005																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		2 / 0.011	1 / 0.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.016																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Installation: F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)										Method of Implementation: Organic - F/A-18 Digital Wingtip Kits										Installation Quantity: 425											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)
Models of Systems Affected: F/A-18/A-F	Type Modification: CAPABILITY UPGRADE	Related RDT&E PEs:
Installation: F/A-18 C/D DIGITAL WINGTIP MOD FOR AIM-9X COMPATIBILITY (OSIP 05-02)	Method of Implementation: Not Installed - Prior Year Installation Costs	Installation Quantity: 43
Footnotes: ⁽³⁹⁾ Quantity of 1 kit installed in FY12 was assembled from harvested parts and has no associated kit cost.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02)				
Models of Systems Affected: F/A-18C/D/E/F and EA-18G			Type Modification: TRAINERS UPGRADE					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	116.371	16.309	11.683	20.017	-	20.017	24.366	36.434	32.986	40.016	331.149	629.331
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	116.371	16.309	11.683	20.017	-	20.017	24.366	36.434	32.986	40.016	331.149	629.331
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	116.371	16.309	11.683	20.017	-	20.017	24.366	36.434	32.986	40.016	331.149	629.331
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: F/A-18C/D/E/F and EA-18G training funds will be used to meet current Fleet Readiness Squadron (FRS) and Fleet Training and Readiness requirements by purchasing new components and software to prevent obsolescence of the various trainers as F/A-18C/D/E/F and EA-18G aircraft are modified for capability enhancement and service life extension. Funding will also be used to update courseware and Computer Based Training as new capabilities are introduced to the fleet, and will enable the fleet to institute an aggressive post-FRS training environment to bring F/A-18C/D/E/F and EA-18G trainers into High Level Architecture/Navy Aviation Simulator Master Plan compliance and incorporate the Next Generation Threat System. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Trainers were procured with APN-1 funding and are modified with ECPs as required.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02)				

Models of Systems Affected: F/A-18C/D/E/F and EA-18G			Type Modification: TRAINERS UPGRADE				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
N/A												
Total, N/A	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment ⁽⁴⁰⁾	- / 116.371	- / 15.692	- / 11.131	- / 19.456	- / -	- / 19.456	- / 23.794	- / 35.852	- / 32.393	- / 39.413	- / 319.862	- / 613.964
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / -	- / 0.273	- / 0.205	- / 0.208	- / -	- / 0.208	- / 0.212	- / 0.216	- / 0.220	- / 0.224	- / 5.031	- / 6.589
3.6) Other Support	- / -	- / 0.344	- / 0.347	- / 0.353	- / -	- / 0.353	- / 0.360	- / 0.366	- / 0.373	- / 0.379	- / 6.256	- / 8.778
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	116.371	16.309	11.683	20.017	-	20.017	24.366	36.434	32.986	40.016	331.149	629.331
Total Procurement and Support	116.371	16.309	11.683	20.017	-	20.017	24.366	36.434	32.986	40.016	331.149	629.331
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	116.371	16.309	11.683	20.017	-	20.017	24.366	36.434	32.986	40.016	331.149	629.331

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02)	
Models of Systems Affected: F/A-18C/D/E/F and EA-18G			Type Modification: TRAINERS UPGRADE			Related RDT&E PEs:	
Manufacturer Information: N/A							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: N/A							
Method of Implementation: Support Only Installation				Installation Quantity: 0			
Footnotes: ⁽⁴⁰⁾ OSIP increases each year in FY14, FY15 and FY16 due to the roll-in of regular upgrades to E/F and G courseware and training devices, to include aircrew (Tactical Operational Flight Trainers and Low Cost Trainers) and maintenance (Integrated Visual Environments and Maintenance Trainer Sets). These upgrades were previously funded with APN-1. Aircrew devices are upgraded on a yearly cycle and the maintenance devices on a two to three year cycle. FY14 increase is due to Electro-Optical/Infra-Red (EO/IR) system upgrades to E/F and G aircrew trainers. FY15 increase is due to integration of H12 phase 2 into the E/F and G aircrew trainers. FY16 increase is due to integration of H14 phase 1 into the E/F and G aircrew trainers and H12 into the E/F and G maintenance trainers.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)				
Models of Systems Affected: F/A-18 E/F & EA-18G			Type Modification: SAFETY /RELIABILITY/IMPROVEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	269.398	41.011	115.354	118.156	-	118.156	179.878	139.964	162.455	180.526	255.813	1,462.555
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	269.398	41.011	115.354	118.156	-	118.156	179.878	139.964	162.455	180.526	255.813	1,462.555
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	269.398	41.011	115.354	118.156	-	118.156	179.878	139.964	162.455	180.526	255.813	1,462.555
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Corrections to discrepancies discovered during testing and development can sometimes be incorporated into production aircraft, effective with the physical configuration audit which establishes the product baseline of the aircraft. However, when this cannot be done due to time constraints, retrofit of the changes into already delivered aircraft requires funding through the Aircraft Modification Program. Corrections to the following items/conditions are required to meet Commander, Naval Air Force directed transitions as promulgated in the current Master Aviation Plan. This Operational, Safety and Improvement Program (OSIP) will correct operational discrepancies discovered during testing and evaluations, sustainment activities, engineering analysis, standard depot level evaluations, and during normal fleet operations. This OSIP provides resources to correct such issues via Engineering Change Proposal (ECP) and other applicable procurement efforts by modifying, improving, and restoring aircraft structural safety and reliability to designed/required life limits. Modifications are to include: Air Frame Structural Upgrades, such as Flight Controls Surfaces, Forward Fuselage, AFT Fuselage, Inner/Outer Wing, Critical Structures; and Aircraft Subsystem Upgrades, such as Electrical, Hydraulic, Environmental Control Systems (ECS), Fuel, Launch & Recovery, Critical Structures, Mechanical, Secondary Power, Fire Suppression Systems and other sustainment activities. Current Active Modifications: ECP-6106R1 / Exhaust Overtemp Final Fix/Bard Stacks ECP-6104 / MLG Door Bushing Migration ECP-6194 / MLG Trunnion Bearing Loose Retention Nut ECP-6193R1/R2 / (LEX) Lwr Surface/Structure Cracks Redesign Y286 / Y294 ECP-6188 / Y436 Inlet Former ECP-6203 / FT50 Keel Beam Lower Cap ECP-XX12 / FT50 Teardown Bulkhead Cracking ECP-6326 / FT50 Fuel Barrier Web at Y510												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
ECP-6183R1 / FT50 Failure of Upper Wing Skin Splice Plate ECP-6098C1 / DOOR 49 Replacement ECP-6068 / Horizontal Actuator Cover Door 71 ECP-6196C1 / MLG R/H Upper Planning Link Attach Fitting Failure ECP-6216 / LDS Fuel Wash Filter ECP-6321 MLG Door Hinge Pins Standard Hardware Conversion ECP-6217 / Cockpit Pressure Warning System (CPWS) ECP-6076 / MLG Proximity Switches & Sidebrace Downlock Mechanism ECP-6190 / Fuel System Ground Pressurization Tube Water Entrapment ECP-6198 / Radar Bay Vent Valve Fail - MSP 862 ECP-6206 / Y679 Former Boot Strap Interface Fillet Seal Missing ECP-6221/ Bay \$L-Y357 Bulkhead Horizontal Flange Life Limit ECP-6262 / Y591 Bulkhead Missing Fasteners at Keel Longeron ECP-6303R1 / FT50 18K Y577 Former Redesign ECP-6304R1 / FT50 18K Web and Wing Drag Longeron Redesign ECP-6306R1 / FT50 18K Y618 Inboard Former (74A342314) Redesign ECP-6241R1 / Wing-Aft Shear Tie Bushing Migration ECP-6213R2 / TEF Redesign ECP-6219 / Wing - Fuel Probe Corrosion Protection ECP-6258 / FT76 Forward Windshield Bolt Life Limit ECP-6319 / In-Flight Refueling (IFR) Probe Linkage Redesign ECP-6323 / Bleed Orifice Oversize ECP 6371 AARGM WAT ECP-6320 / Landing Gear Control Unit (LGCU) MIT Upgrade ECP 6387 SUU-80 Pylon ECP-6282 / FT77 Wing Pylon Changes ECP-6283 / LEX Right Hand Walkway Mat ECP-6234 / Horizontal Stabilator Fuselage Rubbing ECP-6239R1 / FT 50 18K Fuselage Outboard Formal @Y679 Failure ECP-6240R1 / FT50 18K MLG Sidebrace Fitting Failure ECP-6243 / FT76 Jackpoint Support Fitting Life Limit ECP-6245 / Inboard Wing Closure Bolt, Anti-Rotation Retainer ECP-6416: Environmental Control System (ECS) Anti-Ice Duct Bracket Redesign ECP-6246 / FT76 Y301 Sheet Metal Routing Closure Life Limit ECP-6247R1 / FT50 18K Y520 Former Cracks at Lower Drop Link ECP-6248 / Tank 1 Improvements - Vent Cap Addition ECP-6249 / Nut Plate Installation Sealing ECP-6256 / FT76 Bay 3-4 Avionics Door Seal Support ECP-6257 / HFC-125 Fire Extinguisher Mount - Final Corrective Action		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:
ECP-6259 / FT76 Z90 Longeron Life Limit ECP-6271 / FT76 NLG Retract Actuator Supports & X7 Keel ECP-6275C1 / FT77 Wing Inboard Closure Rib Life Limit ECP-6278 / FT76 Canopy Sill Longeron & Upr Nose Barrel Longeron @ Y204 Life Limit ECP-6292 / FT76 Avionics Bay 3 & 4 Door Hinges ECP-6295 / FT77 Wing Spar 6 Life Limit ECP-6310 / LEX Retrofit Bundle ECPs (6261/6263/6270/6276) ECP-XX45 / FT50 Structural Related Issues ECP-XX47 / FT78 Flight Control Failures ECP-6089R1 / Engine Bay Door Strut Redesign ECP-1036NI / Retro of ECS/OBUGS Tee & Elbow - Corrosion Issues ECP-1049NI / Fuel Pressurization System Check Valve Failure ECP-5051 / MLG Planning Mechanism Bellcrank Pivot Bolt Redesign ECP-5046C1 / BALD Transponder Rotation - Change Incorporation Level ECP-6309 / FT77 Retrofit ECP for the Outer Wing ECP-6322 / Dry Bay Fire Suppression System (DBFSS) ECP-6338 / Design Improvements to FPU-11A 480G External Fuel Tank Modular Valve ECP-6343 / External Fuel Tank Air Pressure (ETPR) Regulator ECP-XX48 / Fuel Tank Wiring Retrofit Improvements ECP-6328 / Bay 1L Cable Routing Change ECP-6350 / LH Aileron Servo Cylinder Pressure Tube ECP-6353 / F/A-18E/F Lower Wing Hinge Corrosion Improvements ECP-6356 / NLG Drag Brace Fairing - Drain Hole ECP-XX51 / F/A-18E/F ECS Subsystem Upgrade Issues ECP-XX52 / F/A-18E/F Subsystem Retrofit Upgrade Issues ECP-XX53 / F/A-18E/F Structure Stress Corrosion Cracking Issues ECP-6366 Outer-Wing Inboard Aileron Hinge and SPAR 4 ECP-6372 Y233 Bulkhead Rudder / Break Pulley Bracket Attachment Redesign ECP-6376 Main Landing Side Brace Lock Plate Redesign ECP-XXX55: F/A-18 OBOGS Catalyst Integration MODLINE ECP-6227C2 Inlet Nacelle Bleed Plate Crack ECP-6408 F/A-18 E/F FT50 Y233 Bulkhead Z90 Floor Attachment Retrofit ECP-6411 F/A-18 E/F FT50 Inner-Wing Upper Splice Fitting @ Aft Fastener Skin on Retrofit ECP-590 CRU-123 SSOM ECP-6386 F/A-18 E/F Inner Wing TEF Shroud Hinges Bushing Migration ECP-6397: F/A-18E/F Wheel Speed Transducer (WST) Drive Coupling Redesign ECP-6417: Cabin Diverter Valve Redesign ECP-6422: Correction of Arresting Hook Control ECP-6427: ECS Cabin Pressure Transients - Maint Status Panel 8A4		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:
ECP-6428: Removal of the Vertical Tail Drain Common to Fuel Vent Tank ECP-6429: Main Landing Gear (MLG) Wheel Heat Shield Design Improvements ECP-XX60: NACES Retrofit Upgrades ECP-XX61: Fuselage Aft Pivot Fitting ECP-6235R1: MLG Inboard Door Forward Hinge Retrofit ECP-6284R1 TEF Shroud Link Failures ECP-6431 / In-Flight Refueling (IFR) Probe Timer Bellcrank Fitting Future Modifications: ECP 1137NI Redesign of Fire Extinguisher Temp. Compensating Pressure Switch (TCPS) ECP-6088 AFT Fuselage Outbd Former Fwd Flange @ Y645, Repair former by adding a doubler to bring it back to original specification ECP-6199 AFT Fan Shutoff Valve, Modify the Aft Fan with an Improved Shut-Off Valve ECP-6313 AN/APN-194 (Radar Altimeter) Mounting Tray Modification Step 2, Drill hole in door to allow escape of moisture accumulation in order to prevent corrosion of the antenna ECP-6145 Main Landing Gear (MLG) Outboard Tire Door Clevis, Redesign clevis to eliminate cracking imparted during gear cycling ECP-6229 FT50 18K Fuselage Outboard Former at Y645 Failure, redesign the Fuselage Outboard Former Y645 resulting from cracks that were discovered during inspections conducted following the third lifetime of testing on the FT50 fatigue test article ECP-6255 ECS Ejector Cracks, Modify ECS ejector to prevent cracks from being induced ECP-6209 ECS Cooling Duct Grounding Strap, Add a grounding strap to prevent accidental static discharge to an aircraft maintainer ECP-6308 Warm Air Duct Deflections retrofit modline, Correction of Warm Air Duct Deflections ECP-6075 Hornet Feather (Vane) Wear pad Retention System Redesign, redesign the Hornet Feather Wear pad Retention System. The pads have caused excessive wear of the engines afterburner ring on flight test a/c ECP-6228 Throttle Electronics Module Seal Improvement, the throttle module sealing improvement adds various seals to the throttle electronics module to permanently prevent water intrusion into the box ECP-6238 Inadequate Clearance between Auxiliary Power Unit (APU) Surge Control Valve (SCV) and Y568 Support, Redesign the 74A328283 ECS Floor Support so that adequate clearance exists between the APU Surge Control Valve and the ECS Floor Support to meet specification clearance requirements ECP-6260 FT50 18K Y491 Bulkhead Redesign, Cracks were found on the Y491 Bulkhead during the FT-50 Teardown. The cracks were located at the access hole at Z100 and the keel web attachment. ECP-6264 FT50 Y436 BULKHEAD LIFE LIMIT, During tear down of the FT-50 test article cracks were found on the Y436 Center Bulkhead (74A325203 -2005) at the attachment of the dorsal deck stiffener on both the left hand (LH) and right hand (RH) side. Test Correlation analysis indicates the Safe Life is 3400 safe flight hour (SFH). ECP-6269 FT76 AFT Windshield Attach Bolt Life Limit, Failure analysis performed on a crack on the LH AFT Windshield Attach Bolt has determined that this bolt does not meet full life requirements ECP-6280 MLG Wheel Well Drainage, Water retention in the recesses of the trailing edge casting common to the L/RHS Strut Doors ECP-6285C1 FT77 Lower Wing Skin Splice Fitting Life Limit, Failure analysis of a drain hole crack in the Wing Lower Splice Fitting discovered during teardown of the FT77 Test Article, has determined that it does not meet the 6000 hour specification requirement ECP-6286 Low Speed Loss of Normal Brakes with Anti-Skid On, The aircraft specification requires that the brake control system shall provide a means of controlling brake pressure on all landing surfaces on which the aircraft is designed to operate. ECP-6293 FT50 18K Access Panel Edge Stiffener Redesign, Cracks were found on the door edge stiffener at Y524 during the FT-50 Teardown. Test Correlation analysis indicates the Safe Life is 4500 SFH ECP-6294 FT77 Trailing Edge Flap (TEF) Actuator Rib Life Limit, Failure analysis of a fastener hole crack in the TEF Actuator Fitting discovered during teardown of the FT77 Test Article, has determined that it does not meet the 6000 hour service life ECP-6211 Inadequate Clearance Between APU SCV and Structure, Correct chafing condition between aircraft structural material and the APU SCV to prevent damage to the aircraft structure ECP-6287 FT50 Y591 BULKHEAD AT SIDE LONGERON LIFE LIMIT, Cracks were found on the Y591 Bulkhead (74A328312) during the FT-50 Teardown. The Y591 Bulkhead is a Maintenance Critical part.		

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Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:
ECP-6301 DOORs 37, 307, AND 124 DRAINAGE ISSUES, Modification to correct door failures ECP-6018 Tank 3 Bladder, Floor Foam and Backing Board, increase usable fuel and decrease trapped/unusable fuel in Tank #3 by revising the shape of the Tank Floor Foam, Backing Board & Fuel Cell ECP-6172 Nacelle Outboard Bleed Drainage - To prevent water entrapment in the area of the Nacelle structure ECP-6187 Outer Wing Rib Cracks - To incorporate a full-life rib into Low Rate Initial Production 1, 2 and 3, and Full Rate Production-1 aircraft ECP-6305R1 FT50 18K Fuel Floor Longer on at Y436 Redesign, redesign the Fuel Floor Longer on resulting from cracks that were discovered during inspections conducted following the third lifetime of testing on the FT50 fatigue test article ECP-6311 FT77 Inner Wing Kick Rib, to correct cracks discovered on the FT77 Test Article Analysis initially indicated a Safe life of 4700 SFH in the Inner Wing Kick Rib ECP-6336 Secondary Regulator Bay Vent Line Modification, New vent line routing to avoid possible overheating condition in the center keel area ECP-6337 Vertical Tail Rudder Hinge Fairing Fastener Improvements, Design change to the fasteners mating the fairings to the intermediate support/stiffening brackets. This change involves changing the 5/32" diameter TiCb rivets to 3/16" diameter steel rivets ECP-6339 Incorporation of Government Furnished Equipment (GFE) Improved Solid State Oxygen Monitoring, Original Equipment Manufacturer support for incorporation of GFE Improved Solid State Oxygen Monitoring System CRU-99/P ECP-6341 FT77/78 Aileron Retrofit, Failure analysis of a drain hole crack in the aileron, discovered during teardown of the FT78 has determined the safe life is 3400 hours which does not meet requirements within design specification document 565. ECP-6345 F/A-18 E/F Missile Rib Corrosion Prevention Improvements, Corrosion has been found on the Outer Wing Panel Missile Rib. This ECP will allow coating and sealing configuration changes to improve corrosion protection on the missile rib and surrounding structure. ECP-6230 ALE-47 Structure Missing Drain Path, adds a drain hole in the 74A328744 skin beneath the L/RHS ALE 47 Chaff Dispenser Bucket to prevent collection or entrapment of unwanted fluids preventing corrosion condition ECP-6349 Dorsal Cover 26 Interference with Climb Vent, modifies the aircraft by adding electrical bonding to subsystem components and nutplate installation sealing in the CTR/AFT Fuselage, additionally, modifies the aircraft by adding electrical bonding to the forward fuselage equipment shelf ECP-6358 Canopy Sill Longer on at CY326.5 Inboard Flange Radius Safe Life Limit, Modification to beef up the canopy sill Longer on to prevent severing condition ECP-9425MB Re-Profiled and Modified Navy Aircrew Common Ejection Seat (NACES) Backplate, Modification to the NACES backplate prevent cracks ECP-6300 Incorporation of EA-18G Operational Flight Program (OFP) Ver.38, to provide Integrated Logistics Support elements in release of the EA-18G Flight Control Computer OFP software update (V38) for F/A-18E/F ECP-XX54 F/A-18E/F Outer Wing Panel Inboard Aileron Hinge, to replace a life limited hinge with a full live hinge ECP-6362 F/A-18E/F/G Corrosion Enhancements, Inadequate water drainage provisions exist in the Outboard Leading Edge Flap; this ECP will provide the additional corrosion protection required to correct this condition. ECP-6363 Fwd Fuslg Substructure Mod due to RH Sideskin Non-Conformance, RH side skin was laid up with non blueprint ply orientations for approximately 170 aircraft. Structural analysis shows the nonconforming skin still meets static and fatigue margins, however seven substructure locations were identified as not meeting the contractually required 6000 hour fatigue life and require retrofit modification to restore this life. ECP-6364 Airframe Mounted Accessory Drive Oil Pressure Switch, to eliminate the wear characteristics resulting from the aircraft operating environment ECP-6370 F/A-18 Wind Tunnel Angle of Attack Transmitter, to improve supportability of the F/A-18E/F Angle of Attack Probe by providing enhanced testing on the Fleet Readiness Center - South West (FRC-SW) Wind Tunnel. ECP-6373 MLG Trunnion Bearing Rotation Redesign, to redesign the MLG Trunnion Bearing Installation in which a corrosion-resistant steel washer will be added under the Trunnion Bearing Nut ECP6377 Fuselage Structure RH / Nose Landing Gear Door AFT Hinge Fitting Redesign, The Right-hand Nose Landing Gear Door AFT Hinge Fitting does not meet service life requirements this ECP will modify the hinge fitting design to meet full life requirements. ECP-6378 F/A-18 FT50 18K Y541 Former Stiffener at ECS Duct Attachment, Cracks was found on the Y541 Former at the stiffener at the ECS duct attach during the FT-50 Teardown. Test Correlation analysis indicates the Safe Life is 3000 SFH, the Y541 Former is considered a Fracture Critical part ECP-6379 F/A-18E/F Aileron Shroud Retrofit, The aileron shroud experienced a fatigue failure during fleet usage, this change incorporates improvements to assure fatigue life requirements are met		

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Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
ECP-9445MB F/A-18 Replacement of NACES Radio Beacon Actuator, To Incorporate a new and improved radio beacon signal in order to comply with new satellite requirements ECP-xxxxMB carbon monoxide (CO) Removal from On-Board Oxygen Generating Systems (OBOGS) to eliminate CO from F/A-18 OBOGS thereby eliminating the hypemic hypoxia threat ECP-xx56 F/A-18 E/F Analysis of Alternative (AOA) Probe Sensor Redesign Improvements, to incorporate new and improved AoA sensors. ECP-xx58 F/A-18 E/F Flight Test Loads Aircraft, to incorporate changes into to a new flight test loads aircraft. ECP-1086 F/A-18 E/F Modification Aircraft ECS Test Set, Incorporations to improve ECS Test Set ECP-6357 F/A-18 Corp of New GFE AN/URT/140 Beacon Set, Publication Updates to The AN/URT-140, emergency radio beacon in the NACES survival kit. ECP-6367 NACES Ejection Seat Improv. Publication Updates to NACES Ejection Seat Improvements under (ECP-9431MB) ECP-6385 F/A-18 E/F External Fuel Tank Test System (EFTTS) Support Equipment - To resolve obsolescence issues on the EFTTS Support Equipment. ECP-6388 F/A-18 E/F Outer Wing Water Drainage Provisions - To correct inadequate water drainage provisions which exist in multiple locations including the outer-wing electrical bay under Door 84. ECP-6394 F/A-18 E/F Horizontal Stabilator Gang Channel Corrosion - To correct an insufficient water drainage provisions in the Horizontal Stabs inboard bays. ECP-6401 F/A-18 E/F FT50 Canopy Sill Longerons @ Y270 Retrofit Redesign, redesign for the Canopy Sill Longerons @ Y270 associated with FT50. ECP-6402 F/A-18 E/F FT50 Y204 Bulkhead Retrofit Redesign, Retrofit efforts for the Y204 Bulkhead associated with FT50. ECP-6403 F/A-18 E/F FT50 X13 Keel @ Z108 Floor Attach Retrofit Redesign, Retrofit efforts for the X13 Keel @ Z108 Floor Attach associated with FT50. ECP-6404 F/A-18 E/F FT50 Z90 Longerons @ Y233 Retrofit Redesign, Retrofit efforts for the Z90 Longerons @ Y233 associated with FT50. ECP-6405 F/A-18 E/F FT50 Z111 Longerons @ Y326 Retrofit Redesign, Retrofit efforts for the Z111 Longerons @ Y326 associated with FT50. ECP-6406 F/A-18 E/F FT50 Keel Lower Flange Retrofit Redesign, Retrofit efforts for the Keel Lower Flange associated with FT50. ECP-6407 F/A-18 E/F FT50 Leading Edge Extension (LEX) Closure Lower Flange Y318 Retrofit Redesign, Retrofit efforts for the LEX Closure Lower Flange Y318 associated with FT50. ECP-6409 F/A-18 E/F FT50 Inner-Wing Panel Skin off Retrofit, Retrofit efforts for the Inner-Wing Panel Skin off. ECP-6410 F/A-18 E/F FT50 Inner-Wing Spar 6 Lower Web Lug @ Inboard Closure Rib, Retrofit efforts for the Inner-Wing Spar 6 Lower Web Lug @ Inboard Closure Rib. ECP-6355R1 F/A-18 E/F Generator Converter Unit (GCU) Peculiar Support Equipment (PSE) Upgrade to improve GCU PSE capabilities. ECP xx39: AFT Engine Mount Attach Fitting Full life retrofit of the AFT engine mount pin ECP xx46: Arresting Hook Failures - To correct fleet discovered arresting hook failures ECP-XX47: FT78 Flight Control Failures - To correct flight control failures discovered during FT78 ECP-XX48: Fuel Tank Wiring Retrofit Improvements - To incorporate a longer wire harness and install restraining clamp to eliminate wire breakage ECP-6399: F/A-18E/F Modification to reduce cabin pressure transients and associated avionics flow control valve failure indications ECP-6413: Enhanced NACES Seat Base and Back Cushions - To address Boeing impacts associated with the introduction of an enhanced seat cushion set via Martin Baker ECP MB9436 ECP-6424: Increase Drainage in Aileron Hinge Fairing - To increase drainage in the Aileron Hinge Fairing. The Fleet has provided reports of an aileron hinge fairing drainage issue and/or surface/gang channel corrosion problem under the fairing. The drainage issue with the wing in the folded position is exacerbated due to the sealing of the fairing ECP-XX50: F/A-18E/F Fuel Related Upgrade Issues ECP-xx57: F/A-18 E/F Control Surface Free Play Inspections and Wear ECP-xx59: F/A-18 E/F OBOGS Catalyst Integration Modline Archived Modifications: ECP-6114 / Aft ECS Cooling Fan ECP-6002 / FCC Processor Upgrade ECP-6171 / Skin 12 Stiffener Back-up Structure ECP-6208 / LEX Vent Mechanism Support Assembly Rod end Clevis Failure ECP-6235 / MLG Strut Door Departures		

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Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:
ECP-6034 / Procures Common Preamps not funded in Lot 24 ECP-IRRHB-0147 / Repeatable Release Holdback Bar ECP-XXXX SUU-80 Wrought Pylon ECP-6284 / TEF Shroud Link ECP-XX / AESA Obsolesces Parts ECP-6325 / Y618 INBRD Former Near Keel Longeron Arrestment Load ECP-6185 / Centerline Pylon Feed-Thru Assembly Interface ECP-9431MB / F/A18 NACES Improved Upper Catapult Sleeve ECP-9384MB / Redesign of Backrest Operation Plunger MBEU148542 - Safety ECP-XX33 / Hydraulics Components Improvement ECP-6362: F/A-18 E/F, EA-18G Corrosion Enhancements For the Outboard Leading Edge Flap DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Each change has been or will be tested prior to installation in the F/A-18E/F and EA-18G.		

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Models of Systems Affected: F/A-18 E/F & EA-18G				Type Modification: SAFETY /RELIABILITY/IMPROVEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)													
A Kits													
Recurring													
1.1.1) ECP-6106R1 Exhaust Overtemp Final Fix/Bard Stacks - Organic	223 / 15.966	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	223 / 15.966	
1.1.2) ECP-6104 MLG Door Bushing Migration - Organic	32 / 0.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 0.094	
1.1.3) ECP-6194 MLG Trunnion Bearing Loose Retention Nut - Organic	80 / 0.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	80 / 0.252	
1.1.4) ECP-6193R1/R2 (LEX) Lwr Surface/Structure Cracks Redesign Y286 \ Y294 - Organic	219 / 27.472	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	219 / 27.472	
1.1.5) ECP-6188 Y436 Inlet Former - Organic	183 / 1.912	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	183 / 1.912	
1.1.6) ECP-6203 FT50 Keel Beam Lower Cap - Organic	38 / 0.075	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 0.075	
1.1.7) ECP-XX12 FT50 Teardown Bulkhead Cracking - Organic	- / -	- / -	- / -	24 / 0.298	- / -	24 / 0.298	24 / 0.303	24 / 0.309	24 / 0.314	48 / 0.640	181 / 2.608	325 / 4.472	
1.1.8) ECP-6326 FT50 Fuel Barrier Web at Y510 - Organic	438 / 3.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	438 / 3.458	
1.1.9) ECP-6183R1 / FT50 Failure of Upper Wing Skin Splice Plate - Organic	96 / 0.630	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	96 / 0.630	
1.1.10) ECP-6098C1 / Door 49 Replacement - Organic	12 / 0.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.220	
1.1.11) ECP-6068 / Horizontal Actuator Cover Door 71 - Organic	62 / 1.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 1.090	
1.1.12) ECP-6196C1 / MLG R/H Upper Planing Link Attach Fitting Failure - Organic	88 / 0.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	88 / 0.260	
1.1.13) ECP-6216 / LDS Fuel Wash Filter - Organic	98 / 0.628	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	98 / 0.628	
1.1.14) ECP-6321 MLG Door Hinge Pins Standard H/W Conversion - Organic	362 / 0.206	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	362 / 0.206	
1.1.15) ECP-6217 / Cockpit Pressure Warning System (CPWS) - Organic	190 / 1.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	190 / 1.742	
1.1.16) ECP-6076 / MLG Proximity Switches & Sidebrace Downlock Mechanism - Organic	14 / 0.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.123	
1.1.17) ECP-6190 / Fuel System Ground Pressurization Tube Water Entrapment - Organic	54 / 0.069	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 0.069	

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Models of Systems Affected: F/A-18 E/F & EA-18G			Type Modification: SAFETY /RELIABILITY/IMPROVEMENT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
1.1.18) ECP-6198 / Radar Bay Vent Valve Fail - MSP 862 - Organic	76 / 0.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 0.005
1.1.19) ECP-6206 / Y679 Former Boot Strap Interface Fillet Seal Missing - Organic	80 / 0.014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	80 / 0.014
1.1.20) ECP-6221/ Bay \$L-Y357 Bulkhead Horizontal Flange Life Limit - Organic	109 / 1.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	109 / 1.028
1.1.21) ECP-6262 / Y591 Bulkhead Missing Fasteners at Keel Longeron - Organic	181 / 1.082	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	181 / 1.082
1.1.22) ECP-6303R1 / FT50 18K Y577 Former Redesign - Organic	216 / 0.604	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / 0.604
1.1.23) ECP-6304R1 / FT50 18K Web and Wing Drag Longeron Redesign - Organic	216 / 0.646	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / 0.646
1.1.24) ECP-6306R1 / FT50 18K Y618 Inboard Former (74A342314) Redesign - Organic	216 / 0.959	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / 0.959
1.1.25) ECP-6241R1 / Wing-Aft Shear Tie Bushing Migration - Organic	186 / 0.170	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	186 / 0.170
1.1.26) ECP-6213R2 / TEF Redesign - Organic	2 / 1.710	- / -	58 / 37.740	37 / 24.509	- / -	37 / 24.509	93 / 62.712	35 / 24.026	71 / 49.616	105 / 74.697	81 / 62.856	482 / 337.866
1.1.27) ECP-6219 / Wing - Fuel Probe Corrosion Protection - Organic	286 / 0.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	286 / 0.105
1.1.28) ECP-6258 / FT76 Forward Windshield Bolt Life Limit - Organic	76 / 0.019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 0.019
1.1.29) ECP-6319 / In-Flight Refueling (IFR) Probe Linkage redesign - Organic	198 / 1.051	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	198 / 1.051
1.1.30) ECP-6323 / Bleed Orifice Oversize - Organic	361 / 0.108	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	361 / 0.108
1.1.31) ECP 6371 AARGM WAT - Organic	82 / 3.916	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	82 / 3.916
1.1.32) ECP-6320 Landing Gear Control Unit (LGCU) MIT Upgrade - Organic	420 / 4.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	420 / 4.252
1.1.33) ECP 6387 SUU-80 Pylon - Organic	19 / 0.223	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 0.223
1.1.34) ECP-6282 / FT77 Wing Pylon Changes - Organic	208 / 23.222	- / -	42 / 9.854	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	250 / 33.076
1.1.35) ECP-6283 / LEX Right Hand Walkway Mat - Organic	438 / 0.370	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	438 / 0.370
1.1.36) ECP-6234 / Horizontal Stabilator Fuselage Rubbing - Organic	293 / 5.363	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	293 / 5.363
1.1.37) ECP-6239R1 / FT 50 18K Fuselage Outboard Formal @Y679 Failure - Organic	144 / 0.142	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	144 / 0.142

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)				
Models of Systems Affected: F/A-18 E/F & EA-18G			Type Modification: SAFETY /RELIABILITY/IMPROVEMENT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
1.1.38) ECP-6240R1 / FT50 18K MLG Sidebrace Fitting Failure - Organic	216 / 9.620	- / -	- / -	- / -	- / -	- / -	48 / 2.472	35 / 1.835	- / -	- / -	- / -	299 / 13.927
1.1.39) ECP-6243 / FT76 Jackpoint Support Fitting Life Limit - Organic	14 / 0.065	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.065
1.1.40) ECP-6245 Inboard Wing Closure Bolt, Anti-rotation Retainer - Organic	58 / 0.247	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	58 / 0.247
1.1.41) ECP-6416 Environment Control Sys Anti-Ice Duct Bracket - Organic	- / -	72 / 0.872	72 / 0.888	48 / 0.602	- / -	48 / 0.602	48 / 0.613	48 / 0.624	48 / 0.636	72 / 0.971	41 / 0.960	449 / 6.166
1.1.42) ECP-6246 / FT76 Y301 Sheet Metal Routing Closure Life Limit - Organic	6 / 0.007	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.007
1.1.43) ECP-6247R1 / FT50 18K Y520 Former Cracks at Lower Drop Link - Organic	216 / 0.389	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / 0.389
1.1.44) ECP-6248 / Tank 1 Improvements - Vent Cap Addition - Organic	98 / 0.007	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	98 / 0.007
1.1.45) ECP-6249 / Nut Plate Installation Sealing - Organic	38 / 0.107	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 0.107
1.1.46) ECP-6256 / FT76 Bay 3-4 Avionics Door Seal Support - Organic	15 / 0.003	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.003
1.1.47) ECP-6257 / HFC-125 Fire Extinguisher Mount - Final Corrective Action - Organic	266 / 1.572	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	266 / 1.572
1.1.48) ECP-6259 / FT76 Z90 Longeron Life Limit - Organic	13 / 0.010	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.010
1.1.49) ECP-6271 / FT76 NLG Retract Actuator Supports & X7 Keel - Organic	12 / 0.012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.012
1.1.50) ECP-6275C1 / FT77 Wing Inboard Closure Rib Life Limit - Organic	84 / 0.012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	84 / 0.012
1.1.51) ECP-6278 / FT76 Canopy Sill & Upr Nose Barrel Longeron@Y204 - Organic	3 / 0.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.002
1.1.52) ECP-6292 / FT76 Avionics Bay 3 & 4 Door Hinges - Organic	9 / 0.018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.018
1.1.53) ECP-6295 / FT77 Wing Spar 6 Life Limit - Organic	137 / 0.119	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	137 / 0.119
1.1.54) ECP-6310 / LEX Retrofit Bundle ECPs (6261/6263/6270/6276) - Organic	8 / 0.191	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.191
1.1.55) ECP-XX45 / FT50 Structural Related Issues - Organic	- / -	- / -	- / -	24 / 1.910	- / -	24 / 1.910	24 / 1.944	24 / 1.979	24 / 2.015	48 / 4.103	181 / 16.696	325 / 28.647

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)					
Models of Systems Affected: F/A-18 E/F & EA-18G				Type Modification: SAFETY /RELIABILITY/IMPROVEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
1.1.56) ECP-XX47 / FT78 Flight Control Failures - Organic	- / -	- / -	- / -	24 / 1.859	- / -	24 / 1.859	24 / 1.892	24 / 1.927	24 / 1.961	48 / 3.993	181 / 16.250	325 / 27.882	
1.1.57) ECP-6089R1 / Engine Bay Door Strut Redesign - NonOrganic	- / 0.003	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.003	
1.1.58) ECP-1036NI / Retro ECS/OBUGS Tee & Elbow - Corrosion - Organic	369 / 0.044	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	369 / 0.044	
1.1.59) ECP-1049NI / Fuel Pressurization System Check Valve Failure - Organic	59 / 0.098	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	59 / 0.098	
1.1.60) ECP-5051 / MLG Planing Mechanism Bellcrank Pivot Bolt Redesign - Organic	310 / 0.459	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	310 / 0.459	
1.1.61) ECP-5046C1 / BALD Transponder Rotation - Change Incorporation Level - Organic	133 / 0.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	133 / 0.090	
1.1.62) ECP-6309 / FT77 Retrofit ECP for the Outer Wing - Organic	192 / 0.128	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	192 / 0.128	
1.1.63) ECP-6322 / Dry Bay Fire Suppression System (DBFSS) - Organic	1 / 0.012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.012	
1.1.64) ECP-6338 / Design Improve FPU-11A 480G Ext Fuel Tank Modular Valve - Organic	400 / 2.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	400 / 2.050	
1.1.65) ECP-6343 / External Fuel Tank Air Pressure (ETPR) Regulator - Organic	550 / 0.577	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	550 / 0.577	
1.1.66) ECP-XX48 / Fuel Tank Wiring Retrofit Improvements - Organic	- / -	- / -	- / -	24 / 0.135	- / -	24 / 0.135	24 / 0.137	24 / 0.140	24 / 0.142	48 / 0.290	325 / 2.121	469 / 2.965	
1.1.67) ECP-6328 / Bay 1L Cable Routing Change - Organic	139 / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	139 / 0.020	
1.1.68) ECP-6350 / LH Aileron Servo Cylinder Pressure Tube - Organic	312 / 0.631	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	312 / 0.631	
1.1.69) ECP-6353 / F/A-18E/F Lower Wing Hinge Corrosion Improvements - Organic	204 / 1.995	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	204 / 1.995	
1.1.70) ECP-6356 / NLG Drag Brace Fairing - Drain Hole - Organic	305 / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	305 / 0.013	
1.1.71) ECP-XX51 / F/A-18E/F ECS Subsystem Upgrade Issues - Organic	- / -	- / -	- / -	24 / 0.153	- / -	24 / 0.153	24 / 0.156	24 / 0.159	24 / 0.161	48 / 0.329	356 / 2.627	500 / 3.585	
1.1.72) ECP-XX52 / F/A-18E/F Subsystem Retrofit Upgrade Issues - Organic	- / -	- / -	- / -	24 / 0.191	- / -	24 / 0.191	24 / 0.194	24 / 0.198	24 / 0.202	48 / 0.410	356 / 3.284	500 / 4.479	
1.1.73) ECP-XX53 / F/A-18E/F Structure Stress Corrosion Cracking Issues - Organic	- / -	- / -	- / -	24 / 0.509	- / -	24 / 0.509	24 / 0.518	24 / 0.527	24 / 0.537	48 / 1.093	356 / 8.757	500 / 11.941	

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Models of Systems Affected: F/A-18 E/F & EA-18G			Type Modification: SAFETY /RELIABILITY/IMPROVEMENT					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
1.1.74) ECP-6366 Outer-Wing Inboard Aileron Hinge and Spar 4 - Organic	84 / 1.623	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	84 / 1.623	
1.1.75) ECP-6372 Y233 Bulkhead Rudder /Break Pulley Bracket Attachment Redesign - Organic	351 / 0.118	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	351 / 0.118	
1.1.76) ECP-6376 Main Landing Side Brace Lock Plate Redesign - Organic	351 / 0.226	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	351 / 0.226	
1.1.77) ECP-XXX55: F/A-18 OBOGS Catalyst Integration Modline - Organic	- / -	- / -	- / -	24 / 0.025	- / -	24 / 0.025	24 / 0.025	24 / 0.026	24 / 0.026	48 / 0.054	356 / 0.438	500 / 0.594	
1.1.78) ECP-6227C2 Inlet Nacelle Bleed Plate Crack - Organic	72 / 0.664	- / -	- / -	72 / 0.458	- / -	72 / 0.458	72 / 0.466	72 / 0.475	14 / 0.094	72 / 0.492	- / -	374 / 2.649	
1.1.79) ECP-6408 F/A-18 E/F FT50 Y233 Bulkhead Z90 Floor Attachment Retrofit - Organic	- / -	72 / 0.036	- / -	58 / 0.040	- / -	58 / 0.040	- / -	- / -	- / -	- / -	- / -	130 / 0.076	
1.1.80) ECP-6411 FT50 Inner-Wing Upper Splice Fitting @ Aft Fastner Skin - Organic	- / -	72 / 0.036	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 0.036	
1.1.81) ECP-590 CRU-123 SSOM - Organic	88 / 0.805	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	88 / 0.805	
1.1.82) ECP-6386 F/A-18 E/F Inner Wing TEF Shroud Hinges Bushing Migration - Organic	- / -	- / -	60 / 0.169	60 / 0.172	- / -	60 / 0.172	60 / 0.175	60 / 0.178	60 / 0.182	40 / 0.123	- / -	340 / 0.999	
1.1.83) ECP-6397: F/A-18E/F Wheel Speed Transducer Drive Coupling - Organic	388 / 0.410	- / -	248 / 0.319	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	636 / 0.729	
1.1.84) ECP-6417: Cabin Diverter Valve Redesign - Organic	- / -	24 / 1.841	270 / 1.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	294 / 3.299	
1.1.85) ECP-6422: : Correction of Arresting Hook Control - Organic	- / -	- / -	72 / 0.053	48 / 0.036	- / -	48 / 0.036	48 / 0.037	48 / 0.037	48 / 0.038	72 / 0.058	201 / 0.165	537 / 0.424	
1.1.86) ECP-6427: ECS Cabin Pressure Transients - Maint Status Panel 8A4 - Organic	- / -	- / -	- / -	48 / 0.120	- / -	48 / 0.120	48 / 0.122	48 / 0.124	48 / 0.127	48 / 0.129	297 / 0.861	537 / 1.483	
1.1.87) ECP-6428: Removal of the Vertical Tail Drain Common to Fuel Vent Tank - Organic	- / -	- / -	70 / 0.042	72 / 0.044	- / -	72 / 0.044	72 / 0.045	72 / 0.046	72 / 0.046	72 / 0.047	39 / 0.028	469 / 0.298	
1.1.88) ECP-6429: Main Landing Gear (MLG) Wheel Heat Shield Design Improvements - Organic	- / -	- / -	- / -	72 / 0.072	- / -	72 / 0.072	72 / 0.073	72 / 0.075	72 / 0.076	72 / 0.077	111 / 0.083	471 / 0.456	
1.1.89) ECP-XX60: NACES Retrofit Upgrades - Organic	- / -	- / -	100 / 1.500	72 / 1.099	- / -	72 / 1.099	72 / 1.119	72 / 1.139	125 / 2.014	84 / 1.378	- / -	525 / 8.249	
1.1.90) ECP-XX61: Fuselage AFT Pivot Fitting - Organic	- / -	- / -	- / -	72 / 0.181	- / -	72 / 0.181	24 / 0.061	24 / 0.063	72 / 0.191	72 / 0.194	261 / 0.757	525 / 1.447	
1.1.91) ECP-6235R1: MLG Inboard Door FW Hinge - Organic	- / -	- / -	- / -	72 / 0.525	- / -	72 / 0.525	72 / 0.534	72 / 0.544	14 / 0.108	- / -	- / -	230 / 1.711	
1.1.92) ECP-6284R1 TEF Shroud Link Failures - Organic	- / -	- / -	2 / 0.012	50 / 0.305	- / -	50 / 0.305	- / -	- / -	- / -	50 / 0.300	405 / 2.430	507 / 3.047	
1.1.93) ECP-6431 / In-Flight Refueling (IFR) Probe Timer Bellcrank Fitting - Organic	- / -	- / -	578 / 1.808	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	578 / 1.808	

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Models of Systems Affected: F/A-18 E/F & EA-18G			Type Modification: SAFETY /RELIABILITY/IMPROVEMENT					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
1.1.94) Archived ECPs - Organic	2,123 / 11.855	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,123 / 11.855
Subtotal Recurring	13,620 / 133.388	240 / 2.785	1,572 / 53.843	973 / 33.243	- / -	973 / 33.243	921 / 73.598	850 / 34.431	836 / 58.486	1,143 / 89.378	3,728 / 120.921	23,883 / 600.073
Non-Recurring												
1.2.1) Installation Kits N/R - Organic ⁽⁴¹⁾	- / 27.515	- / 10.679	- / 12.730	- / 12.959	- / -	- / 12.959	- / 13.192	- / 13.430	- / 13.672	- / 13.918	- / -	- / 118.095
Subtotal Non-Recurring	- / 27.515	- / 10.679	- / 12.730	- / 12.959	- / -	- / 12.959	- / 13.192	- / 13.430	- / 13.672	- / 13.918	- / -	- / 118.095
B Kits												
Recurring												
2.1.1) Install Equip - Organic	312 / 0.060	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	312 / 0.060
2.1.2) ECP-6039 FT77 Outwing Retrofit - Organic	624 / 0.033	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	624 / 0.033
Subtotal Recurring	936 / 0.093	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	936 / 0.093
Total, E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	14,556 / 160.996	240 / 13.464	1,572 / 66.573	973 / 46.202	- / -	973 / 46.202	921 / 86.790	850 / 47.861	836 / 72.158	1,143 / 103.296	3,728 / 120.921	24,819 / 718.261
Total Procurement, All Modifications	14,556 / 160.996	240 / 13.464	1,572 / 66.573	973 / 46.202	- / -	973 / 46.202	921 / 86.790	850 / 47.861	836 / 72.158	1,143 / 103.296	3,728 / 120.921	24,819 / 718.261
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 2.309	- / 0.065	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.374
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 9.797	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.797
3.5) ILS ⁽⁴²⁾	- / 52.367	- / 3.225	- / 11.526	- / 26.710	- / -	- / 26.710	- / 40.938	- / 41.675	- / 42.425	- / 43.189	- / 44.905	- / 306.960
3.6) Other Support	- / 1.966	- / 13.068	- / 12.804	- / 13.034	- / -	- / 13.034	- / 13.269	- / 13.508	- / 13.751	- / 13.999	- / 15.026	- / 110.425
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.8) Installation Cost ⁽⁴³⁾	2,898 / 41.963	880 / 11.189	1,261 / 24.451	1,809 / 32.210	- / -	1,809 / 32.210	2,109 / 38.881	1,799 / 36.920	1,451 / 34.121	1,049 / 20.042	2,014 / 74.961	15,270 / 314.738
Total Support, All Modifications	108.402	27.547	48.781	71.954	-	71.954	93.088	92.103	90.297	77.230	134.892	744.294
Total Procurement and Support	269.398	41.011	115.354	118.156	-	118.156	179.878	139.964	162.455	180.526	255.813	1,462.555
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	269.398	41.011	115.354	118.156	-	118.156	179.878	139.964	162.455	180.526	255.813	1,462.555

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	
Models of Systems Affected: F/A-18 E/F & EA-18G			Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT			Related RDT&E PEs:	
Manufacturer Information: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)			Method of Implementation: Not Installed - ECP-6106R1 Exhaust Overtemp Final Fix/Bard Stacks			Installation Quantity: 223	
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)			Method of Implementation: Not Installed - ECP-6104 MLG Door Bushing Migration			Installation Quantity: 32	
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)			Method of Implementation: Organic - ECP-6194 MLG Trunnion Bearing Loose Retention Nut			Installation Quantity: 80	
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)			Method of Implementation: Not Installed - ECP-6193R1/R2 (LEX) Lwr Surface/Structure Cracks Redesign Y286 \ Y294			Installation Quantity: 219	
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)			Method of Implementation: Not Installed - ECP-6188 Y436 Inlet Former			Installation Quantity: 183	
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)			Method of Implementation: Not Installed - ECP-6203 FT50 Keel Beam Lower Cap			Installation Quantity: 38	
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)			Method of Implementation: Not Installed - ECP-XX12 FT50 Teardown Bulkhead Cracking			Installation Quantity: 325	
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)			Method of Implementation: Not Installed - ECP-6326 FT50 Fuel Barrier Web at Y510			Installation Quantity: 438	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6183R1 / FT50 Failure of Upper Wing Skin Splice Plate	Installation Quantity: 96
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6098C1 / Door 49 Replacement	Installation Quantity: 12
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6068 / Horizontal Actuator Cover Door 71	Installation Quantity: 62
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6196C1 / MLG R/H Upper Planing Link Attach Fitting Failure	Installation Quantity: 88
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6216 / LDS Fuel Wash Filter	Installation Quantity: 98
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6321 MLG Door Hinge Pins Standard H/W Conversion	Installation Quantity: 362
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6217 / Cockpit Pressure Warning System (CPWS)	Installation Quantity: 190
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6076 / MLG Proximity Switches & Sidebrace Downlock Mechanism	Installation Quantity: 14
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6190 / Fuel System Ground Pressurization Tube Water Entrapment	Installation Quantity: 54
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6198 / Radar Bay Vent Valve Fail - MSP 862	Installation Quantity: 76
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6206 / Y679 Former Boot Strap Interface Fillet Seal Missing	Installation Quantity: 80

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6221/ Bay \$L-Y357 Bulkhead Horizontal Flange Life Limit	Installation Quantity: 109
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6262 / Y591 Bulkhead Missing Fasteners at Keel Longeron	Installation Quantity: 181
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6303R1 / FT50 18K Y577 Former Redesign	Installation Quantity: 216
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6304R1 / FT50 18K Web and Wing Drag Longeron Redesign	Installation Quantity: 216
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6306R1 / FT50 18K Y618 Inboard Former (74A342314) Redesign	Installation Quantity: 216
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6241R1 / Wing-Aft Shear Tie Bushing Migration	Installation Quantity: 186
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6213R2 / TEF Redesign	Installation Quantity: 482
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6219 / Wing - Fuel Probe Corrosion Protection	Installation Quantity: 286
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6258 / FT76 Forward Windshield Bolt Life Limit	Installation Quantity: 76
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6319 / In-Flight Refueling (IFR) Probe Linkage redesign	Installation Quantity: 198
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6323 / Bleed Orifice Oversize	Installation Quantity: 361

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP 6371 AARGM WAT	Installation Quantity: 82
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6320 Landing Gear Control Unit (LGPU) MIT Upgrade	Installation Quantity: 420
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP 6387 SUU-80 Pylon	Installation Quantity: 19
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6282 / FT77 Wing Pylon Changes	Installation Quantity: 250
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6283 / LEX Right Hand Walkway Mat	Installation Quantity: 438
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6234 / Horizontal Stabilator Fuselage Rubbing	Installation Quantity: 293
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6239R1 / FT 50 18K Fuselage Outboard Formal @Y679 Failure	Installation Quantity: 144
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6240R1 / FT50 18K MLG Sidebrace Fitting Failure	Installation Quantity: 299
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6243 / FT76 Jackpoint Support Fitting Life Limit	Installation Quantity: 14
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6245 Inboard Wing Closure Bolt, Anti-rotation Retainer	Installation Quantity: 58
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6416 Environment Control Sys Anti-Ice Duct Bracket	Installation Quantity: 449

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6246 / FT76 Y301 Sheet Metal Routing Closure Life Limit	Installation Quantity: 6
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6247R1 / FT50 18K Y520 Former Cracks at Lower Drop Link	Installation Quantity: 216
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6248 / Tank 1 Improvements - Vent Cap Addition	Installation Quantity: 98
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6249 / Nut Plate Installation Sealing	Installation Quantity: 38
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6256 / FT76 Bay 3-4 Avionics Door Seal Support	Installation Quantity: 15
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6257 / HFC-125 Fire Extinguisher Mount - Final Corrective Action	Installation Quantity: 266
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6259 / FT76 Z90 Longeron Life Limit	Installation Quantity: 13
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6271 / FT76 NLG Retract Actuator Supports & X7 Keel	Installation Quantity: 12
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6275C1 / FT77 Wing Inboard Closure Rib Life Limit	Installation Quantity: 84
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6278 / FT76 Canopy Sill & Upr Nose Barrel Longeron@Y204	Installation Quantity: 3
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6292 / FT76 Avionics Bay 3 & 4 Door Hinges	Installation Quantity: 9

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6295 / FT77 Wing Spar 6 Life Limit	Installation Quantity: 137
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6310 / LEX Retrofit Bundle ECPs (6261/6263/6270/6276)	Installation Quantity: 8
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX45 / FT50 Structural Related Issues	Installation Quantity: 325
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX47 / FT78 Flight Control Failures	Installation Quantity: 325
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-1036NI / Retro ECS/ OBUGS Tee & Elbow - Corrosion	Installation Quantity: 369
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-1049NI / Fuel Pressurization System Check Valve Failure	Installation Quantity: 59
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-5051 / MLG Planing Mechanism Bellcrank Pivot Bolt Redesign	Installation Quantity: 310
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-5046C1 / BALD Transponder Rotation - Change Incorporation Level	Installation Quantity: 133
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6309 / FT77 Retrofit ECP for the Outer Wing	Installation Quantity: 192
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6322 / Dry Bay Fire Suppression System (DBFSS)	Installation Quantity: 1
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6338 / Design Improve FPU-11A 480G Ext Fuel Tank Modular Valve	Installation Quantity: 400

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6343 / External Fuel Tank Air Pressure (ETPR) Regulator	Installation Quantity: 550
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX48 / Fuel Tank Wiring Retrofit Improvements	Installation Quantity: 469
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6328 / Bay 1L Cable Routing Change	Installation Quantity: 139
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6350 / LH Aileron Servo Cylinder Pressure Tube	Installation Quantity: 312
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6353 / F/A-18E/F Lower Wing Hinge Corrosion Improvements	Installation Quantity: 204
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6356 / NLG Drag Brace Fairing - Drain Hole	Installation Quantity: 305
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX51 / F/A-18E/F ECS Subsystem Upgrade Issues	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX52 / F/A-18E/F Subsystem Retrofit Upgrade Issues	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX53 / F/A-18E/F Structure Stress Corrosion Cracking Issues	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6366 Outer-Wing Inboard Aileron Hinge and Spar 4	Installation Quantity: 84
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6372 Y233 Bulkhead Rudder /Break Pulley Bracket Attachment Redesign	Installation Quantity: 351

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6376 Main Landing Side Brace Lock Plate Redesign	Installation Quantity: 351
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XXX55: F/A-18 OBOGS Catalyst Integration Modline	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6227C2 Inlet Nacelle Bleed Plate Crack	Installation Quantity: 374
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6408 F/A-18 E/F FT50 Y233 Bulkhead Z90 Floor Attachment Retrofit	Installation Quantity: 130
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6411 FT50 Inner-Wing Upper Splice Fitting @ Aft Fastner Skin	Installation Quantity: 72
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-590 CRU-123 SSOM	Installation Quantity: 88
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6386 F/A-18 E/F Inner Wing TEF Shroud Hinges Bushing Migration	Installation Quantity: 340
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6397: F/A-18E/F Wheel Speed Transducer Drive Coupling	Installation Quantity: 636
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6417: Cabin Diverter Valve Redesign	Installation Quantity: 294
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6422: : Correction of Arresting Hook Control	Installation Quantity: 537
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6427: ECS Cabin Pressure Transients - Maint Status Panel 8A4	Installation Quantity: 537

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Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6428: Removal of the Vertical Tail Drain Common to Fuel Vent Tank	Installation Quantity: 469
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6429: Main Landing Gear (MLG) Wheel Heat Shield Design Improvements	Installation Quantity: 471
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-XX60: NACES Retrofit Upgrades	Installation Quantity: 525
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX61: Fuselage AFT Pivot Fitting	Installation Quantity: 525
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6235R1: MLG Inboard Door FW Hinge	Installation Quantity: 230
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Organic - ECP-6284R1 TEF Shroud Link Failures	Installation Quantity: 507
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6431 / In-Flight Refueling (IFR) Probe Timer Bellcrank Fitting	Installation Quantity: 578
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - Archived ECPs	Installation Quantity: 2123
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - Install Equip	Installation Quantity: 312
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6039 FT77 Outerwing Retrofit	Installation Quantity: 624
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - Installation Cost	Installation Quantity: 15270
Footnotes:		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/IMPROVEMENT	Related RDT&E PEs:
(41) Installation Kit N/R increase in FY13 is due to significantly increased number of ECPs being managed (procured and installed). (42) ILS increases in FY13, FY14 and FY15 are due to significantly increased number of ECPs being managed (procured and installed). (43) Installation costs vary by FY due to different ECPs being installed.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Capability and Reliability Improvements					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	110.376	14.971	49.074	17.235	-	17.235	51.671	47.111	67.342	155.412	1,623.987	2,137.179
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	110.376	14.971	49.074	17.235	-	17.235	51.671	47.111	67.342	155.412	1,623.987	2,137.179
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	110.376	14.971	49.074	17.235	-	17.235	51.671	47.111	67.342	155.412	1,623.987	2,137.179
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
This Operational, Safety and Improvement Program (OSIP) is required to retrofit upgrades and improvements to various avionics systems that have been or are being incorporated into fleet aircraft, to provide updates to Automated Maintenance Environment (AME) and the Integrated Electronic Technical Manuals (IETMs), and to provide Mission Planning updates. Specifically for Mission Planning, the F/A-18 Unique Planning Component (UPC) for the Joint Mission Planning system (JMPS) must implement frequent software changes in conjunction with production aircraft modifications. The JMPS UPC changes required in conjunction with System Configuration Set (SCS) changes must include software regression tests to ensure proper operation and integration with other aircraft systems in JMPS components, and the core mission planning equipment and software procured elsewhere within the Navy budget. Upgrades include a retrofit of Solid State Recorder (SSR) into F/A-18A+/C/D and F/A-18 E/F aircraft and United States Marine Corps F/A-18A+/C/D aircraft. This OSIP also includes a requirement to retrofit the Deployable Flight Incident Recorder System (DIFRS) to address the issue of the current COSPAS Search and Rescue Satellite Aided Tracking satellite becoming obsolete. Upgrades also include a retrofit installation of the Type 2 Advanced Mission Computer into Lots 23-24 as a replacement for the AYK-14 computer. Upgrade includes a retrofit installation of the Type 4 Advanced Mission Computer into Block 2 E/F and EA-18G aircraft. Upgrade also includes retrofit installation of various display hardware improvements to enable increased aircrew situational awareness. To support updates to Operational Flight Program (OFP) for on-going aircraft modernization and modification efforts necessitate periodic software releases. The procurement of SCS is not a stand alone cost but integration for the overall improvement to the end item to allow the integration of new capabilities and or performances to be complete. The SCS builds anticipated are used to support retrofit hardware configuration changes and the accompanying software change and associated testing driven by the Aircraft Procurement, Navy-5 funded OSIP's. SCS builds will include 20X, 21X, 23X, 25X, 27X, 29X, 31X, H4, H5, H6, H7, H8, H9, H10, H12, H14 and H16. SCS build integration will comprise of OFP, Support Equipment Test Program Sets Updates, Precision Approach and Landing System assessment, Operational analysis and functional retrofit implementation of aircrew and maintenance training systems, OFP Memory Loader Verifier Set Personal Computer Memory Card International Association cards, update SCS to allow single point loading of software from the Advanced Memory Unit or Digital Memory Device and associated software licenses and data rights and publication updates. This OSIP will implement the upgraded architecture in support of Navy Aviation 2030 Plan as well as the Department of Defense mandated Selective Availability Anti-Spoofing Module security architecture. The Miniaturized Airborne Global Positioning System (GPS) Receiver retrofit implements an advanced GPS that increases platform navigation accuracy and smart weapon targeting solutions. This OSIP will implement Civilian Instrument Landing System (ILS) to provide onboard precision approach capability in the event of adverse weather conditions.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
A Mission Planning system supporting F/A-18A-F is currently fielded. A JMPS was developed and fielded for F/A-18A-F in the first quarter of Fiscal Year 2005 with 19C and H2E+. The SSR retrofit was approved as a Congressional new start in August 2004. Validation/Verification for the SSR was completed in the second and third quarter fiscal year March 2005, with retrofit on two squadrons completed in the fourth quarter of fiscal year 2005. SCSs are scheduled for release to the fleet on an annual basis or as needed to fulfill emerging fleet requirements. Automated Information Systems efforts are realigned into OSIP 18-14 beginning in FY14. These efforts include AME, Weaponengineering, Interim flight clearances, Naval Aviation Technical Information Product and Naval Air Training and Operating Procedures Standardization, and IETMs.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)				
Models of Systems Affected: F/A-18A-F and EA-18G				Type Modification: Capability and Reliability Improvements				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Core Avionics Improvements / Upgrades (OSIP 023-04)													
A Kits													
Recurring													
1.1.1) "A" Kits E/F Solid State Recorder & USSR - Organic	136 / 5.045	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 5.045	
1.1.2) E "A" Kits Solid State Recorder - NonOrganic	12 / 0.234	24 / 0.473	4 / 0.073	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.780	
1.1.3) F "A" Kits Solid State Recorder - NonOrganic	12 / 0.234	24 / 0.438	21 / 0.467	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	57 / 1.139	
1.1.4) DFIRS A-kits - Organic	- / -	- / -	- / -	30 / 0.316	- / -	30 / 0.316	90 / 0.965	90 / 0.982	- / -	- / -	- / -	210 / 2.263	
1.1.5) SSR Hi8 - Organic	- / -	- / -	- / -	- / -	- / -	- / -	96 / 13.114	- / -	- / -	- / -	- / -	96 / 13.114	
1.1.6) Display Improvements (HW) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	250 / 5.000	- / -	250 / 5.000	
1.1.7) Civilian ILS kits (A and B kits combined) - Organic	24 / 3.818	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 3.818	
1.1.8) Civilian ILS A-kits - NonOrganic	- / -	- / -	57 / 6.358	12 / 1.344	- / -	12 / 1.344	12 / 1.344	- / -	9 / 1.008	92 / 10.304	- / -	182 / 20.358	
1.1.9) Type 2 Advanced Mission Computer (AMC) kits - NonOrganic ⁽⁴⁴⁾	- / -	- / -	18 / -	9 / -	- / -	9 / -	20 / -	17 / -	- / -	- / -	- / -	64 / -	
Subtotal Recurring	184 / 9.331	48 / 0.911	100 / 6.898	51 / 1.660	- / -	51 / 1.660	218 / 15.423	107 / 0.982	9 / 1.008	342 / 15.304	- / -	1,059 / 51.517	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 10.681	- / -	- / 20.650	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.667	- / -	- / 33.998	
Subtotal Non-Recurring	- / 10.681	- / -	- / 20.650	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.667	- / -	- / 33.998	
B Kits													
Recurring													
2.1.1) E/F Solid State Recorder - Organic	136 / 5.085	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 5.085	
2.1.2) SSR& RMM Test and Check from ECP-6318 - Organic ⁽⁴⁵⁾	- / -	24 / 0.080	25 / 0.083	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 0.163	
2.1.3) RMM Test and Check from ECP-6318 - Organic ⁽⁴⁶⁾	- / -	48 / 0.061	25 / 0.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	73 / 0.089	
2.1.4) SMUG for ECP-6042 - Organic	14 / 0.415	9 / 0.294	18 / 0.599	18 / 0.610	- / -	18 / 0.610	- / -	- / -	- / -	- / -	- / -	59 / 1.918	
2.1.5) A/+C-D Solid State Recorder - NonOrganic	- / -	11 / 0.443	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.443	
2.1.6) Display Improvements (HW) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	250 / 12.500	- / -	250 / 12.500	
2.1.7) Type 4 Mission Computer - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 27.602	55 / 27.500	120 / 60.000	976 / 487.898	1,206 / 603.000	
2.1.8) Single Point data loader (SW) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.000	- / 9.150	- / -	- / -	- / -	- / 19.150	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Capability and Reliability Improvements					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.1.9) MAGR B kits - Organic	116 / 4.239	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	116 / 4.239
2.1.10) Civilian ILS mission kits - Organic	- / -	- / -	- / -	12 / 0.480	- / -	12 / 0.480	- / -	- / -	- / -	- / -	- / -	12 / 0.480
2.1.11) Combined Interrogator Transponder B-kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 15.126	- / -	- / -	150 / 15.126
2.1.12) SCS - Organic ⁽⁴⁷⁾	- / 5.045	- / 0.186	- / 0.072	- / 0.611	- / -	- / 0.611	- / 1.396	- / 1.148	- / 5.199	- / 4.386	- / 1,060.414	- / 1,078.457
2.1.13) MP/UPC Software - Organic ⁽⁴⁸⁾	- / 7.008	- / 2.320	- / 1.665	- / 2.200	- / -	- / 2.200	- / 2.354	- / 2.150	- / 5.150	- / 6.635	- / 74.566	- / 104.048
2.1.14) 20X - Organic	- / 0.583	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.583
2.1.15) 21X - Organic	- / 1.769	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.769
2.1.16) 23X - Organic	- / 3.747	- / 0.193	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.940
2.1.17) 25X - Organic	- / 4.604	- / 1.203	- / 0.652	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.459
2.1.18) 25X OCO - Organic	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.020
2.1.19) 27X (SCS) - Organic ⁽⁴⁹⁾	- / -	- / 0.188	- / 0.143	- / 2.109	- / -	- / 2.109	- / 2.230	- / -	- / -	- / -	- / -	- / 4.670
2.1.20) 29X (SCS) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.027	- / 5.100	- / -	- / -	- / 6.127
2.1.21) 31X (SCS) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.800	- / -	- / 3.800
2.1.22) H5 - Organic	- / 0.566	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.566
2.1.23) H6 - Organic	- / 2.609	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.609
2.1.24) H6 OCO - Organic	- / 1.327	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.327
2.1.25) H8 - Organic	- / 6.935	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.935
2.1.26) H10 - Organic	- / 16.278	- / 0.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.838
2.1.27) H12 (SCS) - Organic	- / -	- / -	- / -	- / 1.805	- / -	- / 1.805	- / 1.697	- / -	- / -	- / -	- / -	- / 3.502
2.1.28) H14 (SCS) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.812	- / 5.595	- / -	- / -	- / 6.407
2.1.29) H16 (SCS) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.093	- / -	- / 6.093
2.1.30) Engine Tracking (AME) - Organic	- / 0.462	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.462
2.1.31) Data At Rest (AME) - Organic	- / 0.379	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.379
2.1.32) Information Assurance (IA) - Organic	- / 1.579	- / -	- / 2.284	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.863
2.1.33) Interactive Electronic Technical Manuals (IETMs) software mods - Organic	- / -	- / -	- / 1.006	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.006
2.1.34) Operating Software Upgrade (OSU) software mods - Organic	- / -	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500
2.1.35) Prior Installation Cost - Organic	158 / 1.396	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	158 / 1.396

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Capability and Reliability Improvements				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Subtotal Recurring	424 / 64.046	92 / 5.528	68 / 8.032	30 / 7.815	- / -	30 / 7.815	- / 17.677	55 / 41.889	205 / 63.670	370 / 93.414	976 / 1,622.878	2,220 / 1,924.949
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / -	- / -	- / -	- / 2.011	- / -	- / 2.011	- / 14.575	- / 1.310	- / -	- / 40.000	- / -	- / 57.896
Subtotal Non-Recurring	- / -	- / -	- / -	- / 2.011	- / -	- / 2.011	- / 14.575	- / 1.310	- / -	- / 40.000	- / -	- / 57.896
Total, Core Avionics Improvements / Upgrades (OSIP 023-04)	608 / 84.058	140 / 6.439	168 / 35.580	81 / 11.486	- / -	81 / 11.486	218 / 47.675	162 / 44.181	214 / 64.678	712 / 151.385	976 / 1,622.878	3,279 / 2,068.360
Total Procurement, All Modifications	608 / 84.058	140 / 6.439	168 / 35.580	81 / 11.486	- / -	81 / 11.486	218 / 47.675	162 / 44.181	214 / 64.678	712 / 151.385	976 / 1,622.878	3,279 / 2,068.360
Support												
3.1) Engineering Change Orders	- / 1.080	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.080
3.2) Data	- / 5.759	- / 5.834	- / 7.425	- / 0.514	- / -	- / 0.514	- / -	- / -	- / 0.252	- / -	- / -	- / 19.784
3.3) Training Equipment	- / 0.984	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.984
3.4) Support Equipment	- / 3.140	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.140
3.5) ILS ⁽⁵⁰⁾	- / 7.245	- / 0.284	- / 0.759	- / 0.772	- / -	- / 0.772	- / 0.787	- / 0.801	- / 0.815	- / -	- / -	- / 11.463
3.6) Other Support ⁽⁵¹⁾	- / 8.110	- / 2.414	- / 3.102	- / 1.218	- / -	- / 1.218	- / 1.238	- / 1.232	- / 1.255	- / 0.470	- / 1.109	- / 20.148
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	26.318	8.532	11.286	2.504	-	2.504	2.025	2.033	2.322	0.470	1.109	56.599
Total Procurement and Support	110.376	14.971	46.866	13.990	-	13.990	49.700	46.214	67.000	151.855	1,623.987	2,124.959
Core Avionics Improvements / Upgrades (OSIP 023-04) Installation Cost	- / 0.000	- / -	- / 2.208	- / 3.245	- / -	- / 3.245	- / 1.971	- / 0.897	- / 0.342	- / 3.557	- / -	- / 12.220
Total Installation Cost	- / 0.000	- / -	- / 2.208	- / 3.245	- / -	- / 3.245	- / 1.971	- / 0.897	- / 0.342	- / 3.557	- / -	- / 12.220
Total Cost (Procurement + Support + Installation)	110.376	14.971	49.074	17.235	-	17.235	51.671	47.111	67.342	155.412	1,623.987	2,137.179

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0525 - F-18 Series		Modification Nomenclature (Modification Number - Modification Title): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)	
Models of Systems Affected: F/A-18A-F and EA-18G		Type Modification: Capability and Reliability Improvements			

Manufacturer Information: Core Avionics Improvements / Upgrades (OSIP 023-04)							
Manufacturer Name: E "A" Kits SSR				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 24			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jan 2012	Jan 2013					
Delivery Dates	Jan 2014	Jan 2015					
Manufacturer Name: F "A" Kits SSR				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 24			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jan 2012	Jan 2013					
Delivery Dates	Jan 2014	Jan 2015					
Manufacturer Name: A+/C-D Solid State Recorder				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 19				Production Leadtime (<i>in Months</i>): 2			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Apr 2013						
Delivery Dates	Jun 2013						
Manufacturer Name: Civilian ILS				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Jan 2013	Jan 2014	Jan 2015		Jan 2017	Jan 2018
Delivery Dates		May 2013	May 2014	May 2015		May 2017	May 2018

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)				Method of Implementation: Field Mod Team				Installation Name: E "A" Kits Solid State Recorder				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	- / -	- / -	12 / 0.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.225
FY 2012	- / -	- / -	- / -	24 / 0.458	- / -	24 / 0.458	- / -	- / -	- / -	- / -	- / -	24 / 0.458

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)			
Models of Systems Affected: F/A-18A-F and EA-18G				Type Modification: Capability and Reliability Improvements				Related RDT&E PEs:			

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)			Method of Implementation: Field Mod Team					Installation Name: E "A" Kits Solid State Recorder				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.243	- / -	- / -	- / -	- / -	4 / 0.243
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	12 / 0.225	24 / 0.458	- / -	24 / 0.458	4 / 0.243	- / -	- / -	- / -	- / -	40 / 0.926

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	6	6	-	12	12	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
Out	-	-	-	-	-	-	-	6	6	-	12	12	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)			Method of Implementation: Field Mod Team					Installation Name: F "A" Kits Solid State Recorder				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	12 / 0.226	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.226
FY 2012	- / -	- / -	- / -	24 / 0.460	- / -	24 / 0.460	- / -	- / -	- / -	- / -	- / -	24 / 0.460
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	21 / 0.244	- / -	- / -	- / -	- / -	21 / 0.244
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)							
Models of Systems Affected: F/A-18A-F and EA-18G				Type Modification: Capability and Reliability Improvements				Related RDT&E PEs:							

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)			Method of Implementation: Field Mod Team					Installation Name: F "A" Kits Solid State Recorder				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	Total	- / -	- / -	12 / 0.226	24 / 0.460	- / -	24 / 0.460	21 / 0.244	- / -	- / -	- / -	- / -

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	6	6	-	12	12	-	-	10	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57
Out	-	-	-	-	-	-	-	6	6	-	12	12	-	-	10	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)			Method of Implementation: Depot Level					Installation Name: Civilian ILS A-kits				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	18 / 0.648	39 / 1.443	- / -	39 / 1.443	- / -	- / -	- / -	- / -	- / -	57 / 2.091
FY 2014	- / -	- / -	- / -	12 / 0.426	- / -	12 / 0.426	- / -	- / -	- / -	- / -	- / -	12 / 0.426
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.448	- / -	- / -	- / -	- / -	12 / 0.448
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.342	- / -	- / -	9 / 0.342
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	92 / 3.557	- / -	92 / 3.557
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	18 / 0.648	51 / 1.869	- / -	51 / 1.869	12 / 0.448	- / -	9 / 0.342	92 / 3.557	- / -	182 / 6.864

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	9	9	20	19	6	6	-	-	6	6	-	-	-	-	-	-	5	4	-	-	46	46	-	182
Out	-	-	-	-	-	-	-	9	9	20	19	6	6	-	-	6	6	-	-	-	-	-	-	5	4	-	-	46	46	-	182

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)			
Models of Systems Affected: F/A-18A-F and EA-18G				Type Modification: Capability and Reliability Improvements				Related RDT&E PEs:			

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)			Method of Implementation: Depot Field Mod Team					Installation Name: Type 2 Advanced Mission Computer (AMC) kits				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	18 / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.900
FY 2014	- / -	- / -	- / -	9 / 0.458	- / -	9 / 0.458	- / -	- / -	- / -	- / -	- / -	9 / 0.458
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.036	- / -	- / -	- / -	- / -	20 / 1.036
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 0.897	- / -	- / -	- / -	17 / 0.897
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	18 / 0.900	9 / 0.458	- / -	9 / 0.458	20 / 1.036	17 / 0.897	- / -	- / -	- / -	64 / 3.291

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	4	4	5	5	3	2	2	2	5	5	5	5	5	4	4	4	-	-	-	-	-	-	-	-	-	64
Out	-	-	-	-	-	4	4	5	5	3	2	2	2	5	5	5	5	5	4	4	4	-	-	-	-	-	-	-	-	-	64

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)			Method of Implementation: Depot					Installation Name: A+/C-D Solid State Recorder				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	11 / 0.209	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.209
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0525 - F-18 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)											
Models of Systems Affected: F/A-18A-F and EA-18G										Type Modification: Capability and Reliability Improvements										Related RDT&E PEs:											
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)										Method of Implementation: Depot										Installation Name: A+/C-D Solid State Recorder											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		11 / 0.209		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		11 / 0.209					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Out	-	-	-	-	-	-	-	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)										Method of Implementation: Organic - "A" Kits E/F Solid State Recorder & USSR										Installation Quantity: 136											
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)										Method of Implementation: Organic - DFIRS A-kits										Installation Quantity: 210											
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)										Method of Implementation: Organic - SSR Hi8										Installation Quantity: 96											
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)										Method of Implementation: Organic - Display Improvements (HW)										Installation Quantity: 250											
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)										Method of Implementation: Organic - Civilian ILS kits (A and B kits combined)										Installation Quantity: 24											
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)										Method of Implementation: Organic - E/F Solid State Recorder										Installation Quantity: 136											
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)										Method of Implementation: Organic - SSR& RMM Test and Check from ECP-6318										Installation Quantity: 49											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - Core Avionics Improvements / Upgrades (OSIP 023-04)
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Organic - RMM Test and Check from ECP-6318	Installation Quantity: 73
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Organic - SMUG for ECP-6042	Installation Quantity: 59
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Organic - Display Improvements (HW)	Installation Quantity: 250
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Organic - Type 4 Mission Computer	Installation Quantity: 1206
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Organic - MAGR B kits	Installation Quantity: 116
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Organic - Civilian ILS mission kits	Installation Quantity: 12
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Organic - Combined Interrogator Transponder B-kits	Installation Quantity: 150
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - Prior Installation Cost	Installation Quantity: 158
Footnotes: (44) Type 2 AMC A-kits were procured under BLI 05770 and are being installed under BLI 05250. Type 2 AMC B-kits have been removed from aircraft and replaced with Type 3 AMC kits, so there is no cost for B-kits. The B-kits are O-level installs so there is no associated install cost or schedule for B-kits. (45) Increase in unit price is due to reduced quantities. (46) Increase in unit price is due to reduced quantities. (47) Funding increases in FY14 and FY15 due to ramp up of 27X effort. (48) Funding increases in FY14 due to ramp up of MP/UPC software efforts. (49) Funding increases in FY14 and FY15 due to ramp up of 27X effort. (50) ILS increases in FY13 due to start up of Civilian ILS program. (51) Other Support increases in FY13 due to start up of Civilian ILS program.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - Litening AT Targeting Pod (OSIP 024-04)			
Models of Systems Affected: F/A-18A+/C/D			Type Modification: CAPABILITY IMPROVEMENTS					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	157.585	3.956	0.050	-	-	-	-	-	-	-	1.075	162.666
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	157.585	3.956	0.050	-	-	-	-	-	-	-	1.075	162.666
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	157.585	3.956	0.050	-	-	-	-	-	-	-	1.075	162.666
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The LITENING AT Pod (AN-AAQ-28) possesses qualities essential to the Marine Corps' F/A-18A+/D's in the execution of operations within the combat spectrum providing the Marine Air Ground Task Force with crucial capabilities in the expeditionary land based environment. LITENING AT Pod capabilities include: Laser /Infrared (IR) marker functionality, image data link functionality, cooperative Laser guided illumination, Laser Spot Tracker, and limited weapons damage assessment capability. Northrop Grumman's Litening pod has demonstrated improved reliability and maintainability during combat operation. Congressional New Start Notification letters dated 24 July 2003 identified the need for limited integration of the LITENING Enhanced Range Forward Looking IR on the F/A-18D. This interim enhanced capability provided United States Marine Corps Air Ground Task Forces greater precision close-in-air support capability and overall mission flexibility in the execution of theater operations in the combat environment. For F/A-18A+, another set of Congressional New Start Notification letters was submitted 29 October 2004 for integration of the Litening Forward Looking IR pods on land-based F/A-18A-Cs to increase their effectiveness in the Global War on Terrorism. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: LITENING is a Commercial off the Shelf Non-Developmental Item. This Operational, Safety and Improvement Program funds hardware for modifications to include Personal Computer Memory Card International Association cards, station four adapters, wiring kits, loaders, etc. as well as desired software enhancements to take advantage of new capabilities.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 12 - Litening AT Targeting Pod (OSIP 024-04)				
Models of Systems Affected: F/A-18A+/C/D			Type Modification: CAPABILITY IMPROVEMENTS				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Litening AT Targeting Pod (OSIP 024-04)												
A Kits												
Recurring												
1.1.1) F/A-18A A-kits - Organic ⁽⁵²⁾	32 / 2.453	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 2.453
1.1.2) F/A-18A A-kits OCO - NonOrganic ⁽⁵³⁾	- / -	5 / 0.027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.027
1.1.3) F/A-18C A-kits - NonOrganic ⁽⁵⁴⁾	24 / 1.176	30 / 0.692	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 1.868
1.1.4) F/A-18D A-kits - NonOrganic	50 / 0.711	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.625	75 / 1.336
Subtotal Recurring	106 / 4.340	35 / 0.719	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.625	166 / 5.684
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 0.910	- / 0.514	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.424
Subtotal Non-Recurring	- / 0.910	- / 0.514	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.424
B Kits												
Recurring												
2.1.1) Installation Equipment(C/D) - Organic	64 / 120.270	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	64 / 120.270
2.1.2) 25X - Organic	- / -	- / 0.293	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.293
2.1.3) Prior Year Installs - Organic	14 / 0.153	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.153
Subtotal Recurring	78 / 120.423	- / 0.293	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	78 / 120.716
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 6.216	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.216
Subtotal Non-Recurring	- / 6.216	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.216
Total, Litening AT Targeting Pod (OSIP 024-04)	184 / 131.889	35 / 1.526	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.625	244 / 134.040
Total Procurement, All Modifications	184 / 131.889	35 / 1.526	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.625	244 / 134.040
Support												
3.1) Engineering Change Orders	- / 10.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.025
3.2) Data	- / 2.675	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.675
3.3) Training Equipment	- / -	- / 0.289	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.289
3.4) Support Equipment	- / 0.342	- / 1.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.592
3.5) ILS	- / 2.446	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	- / 2.546
3.6) Other Support	- / 9.616	- / 0.699	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	- / 10.415

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 12 - Litening AT Targeting Pod (OSIP 024-04)				
Models of Systems Affected: F/A-18A+/C/D			Type Modification: CAPABILITY IMPROVEMENTS					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	25.104	2.238	-	-	-	-	-	-	-	-	0.200	27.542
Total Procurement and Support	156.993	3.764	-	-	-	-	-	-	-	-	0.825	161.582
Litening AT Targeting Pod (OSIP 024-04) Installation Cost	- / 0.592	- / 0.192	- / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.250	- / 1.084
Total Installation Cost	- / 0.592	- / 0.192	- / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.250	- / 1.084
Total Cost (Procurement + Support + Installation)	157.585	3.956	0.050	-	-	-	-	-	-	-	1.075	162.666

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - Litening AT Targeting Pod (OSIP 024-04)			
Models of Systems Affected: F/A-18A+/C/D				Type Modification: CAPABILITY IMPROVEMENTS				Related RDT&E PEs:			
Manufacturer Information: Litening AT Targeting Pod (OSIP 024-04)											
Manufacturer Name: F/A-18A A-kits OCO						Manufacturer Location: N/A					
Administrative Leadtime (<i>in Months</i>): 9						Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018				
Contract Dates	Jun 2012										
Delivery Dates	Jun 2013										
Manufacturer Name: F/A-18C A-kits						Manufacturer Location: N/A					
Administrative Leadtime (<i>in Months</i>): 12						Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018				
Contract Dates	Sep 2012										
Delivery Dates	Sep 2013										
Manufacturer Name: F/A-18D A-kits						Manufacturer Location: N/A					
Administrative Leadtime (<i>in Months</i>): 12						Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018				
Contract Dates											
Delivery Dates											

Installation: Litening AT Targeting Pod (OSIP 024-04)				Method of Implementation: Field Mod Team				Installation Name: F/A-18A A-kits OCO				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / 0.032	5 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.032
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0525 - F-18 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - Litening AT Targeting Pod (OSIP 024-04)											
Models of Systems Affected: F/A-18A+/C/D										Type Modification: CAPABILITY IMPROVEMENTS										Related RDT&E PEs:											
Installation: Litening AT Targeting Pod (OSIP 024-04)										Method of Implementation: Field Mod Team										Installation Name: F/A-18A A-kits OCO											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
Total		- / -		- / 0.032		5 / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 0.032							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Out	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Installation: Litening AT Targeting Pod (OSIP 024-04)																															
Method of Implementation: Field Mod Team										Installation Name: F/A-18C A-kits																					
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		24 / 0.192		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		24 / 0.192							
FY 2012		- / -		- / 0.160		5 / 0.050		25 / -		- / -		25 / -		- / -		- / -		- / -		- / -		- / -		30 / 0.210							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		24 / 0.192		- / 0.160		5 / 0.050		25 / -		- / -		25 / -		- / -		- / -		- / -		- / -		- / -		54 / 0.402							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	24	-	-	-	-	-	-	-	5	13	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54
Out	24	-	-	-	-	-	-	-	5	13	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0525 - F-18 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - Litening AT Targeting Pod (OSIP 024-04)											
Models of Systems Affected: F/A-18A+/C/D										Type Modification: CAPABILITY IMPROVEMENTS										Related RDT&E PEs:											
Installation: Litening AT Targeting Pod (OSIP 024-04)										Method of Implementation: Field Mod Team										Installation Name: F/A-18D A-kits											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		50 / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 0.400																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.250	25 / 0.250																		
Total		50 / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.250	75 / 0.650																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	75
Out	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	75
Installation: Litening AT Targeting Pod (OSIP 024-04)										Method of Implementation: Organic - F/A-18A A-kits										Installation Quantity: 32											
Installation: Litening AT Targeting Pod (OSIP 024-04)										Method of Implementation: Organic - Installation Equipment(C/D)										Installation Quantity: 64											
Installation: Litening AT Targeting Pod (OSIP 024-04)										Method of Implementation: Not Installed - Prior Year Installs										Installation Quantity: 14											
Footnotes:																															
(52) All installs were in PY. See PY Install cost element for cost.																															
(53) Quantity of five F/A-18A kits procured with FY12 OCO are installed in FY13 with FY12 OCO.																															
(54) Quantity of five F/A-18C kits procured with FY12 baseline are installed in FY13 with FY13 baseline. Quantity of 25 kits procured with FY12 OCO are installed in FY14 with FY12 OCO.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 13 - AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: AVIONICS UPGRADE					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	381.669	88.251	119.586	185.855	-	185.855	217.194	285.401	202.307	271.835	215.740	1,967.838
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	381.669	88.251	119.586	185.855	-	185.855	217.194	285.401	202.307	271.835	215.740	1,967.838
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	381.669	88.251	119.586	185.855	-	185.855	217.194	285.401	202.307	271.835	215.740	1,967.838
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
The F/A-18E/F and EA-18G program has developed and integrated the AN/APG-79 Active Electronically Scanned Array (AESA) Radio Detection and Ranging (RADAR) system for installation in Lot 26 and subsequent Block II, Super Hornet and Growler aircraft. The integration of the AN/APG-79 AESA RADAR system into the F/A-18E /F and EA18G greatly improves the weapon system's threat detection range, high resolution Synthetic Aperture RADAR ground mapping and targeting capability, aircraft survivability and situational awareness. This Operational, Safety and Improvement Program (OSIP) also includes non-recurring for reliability and operational safety improvements into the AN/APG-65 and AN/APG-73 Radars. The APG-79 is a significantly more reliable radar system. Various Engineering Change Proposals (ECPs) are currently in work to correct deficiencies, improve overall system reliability and make safety improvements. Some ECP's identified are ECP-6038 which incorporates APG-79 into Lot 26 and subsequent aircraft, ECP-6279 AN/APG-79 (AESA) Radar Producibility Modification, ECP-6297 Radar Bias Converter (RBC) Start-Up Circuit Correction, and ECP-6298 RE102 Electromagnetic Interference Correction.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												
Forward fit of the AN/APG-79 AESA RADAR system began with 8 units in Lot 27, 12 units in Lot 28 and 22 units in Lot 29. Beginning in Lot 30, all F/A-18 E/F and EA-18G aircraft will be forward fit with the AN/APG-79 AESA RADAR. This OSIP includes the retrofit of the AN/APG-79 AESA system into 133 Lot 26-29 F/A-18E/F aircraft previously outfitted with AN/APG-73. Obsolescence is included for the AN/APG-79 AESA to address non-recurring activities driven by vanishing suppliers and limited military demand for commercial parts/components. The procurement of kits commenced in FY 2008 with the first installation occurring in FY 2009. The installation of kits will be accomplished by a Fleet Support Team traveling to two locations [Naval Air Station (NAS) Oceana and NAS Lemoore] and executing the retrofit or aircraft by squadron. This OSIP also includes funds to support ECP 508 that converts some AN/APG-65 radars to AN/APG-73 and non-recurring for reliability and operational safety improvements / obsolescence into the AN/APG-65 and AN/APG-73-RADAR's. FY 2009 Congressional funding (\$7.6M) received for Expand 4/5 funding for software integration and to procure 3 Hardware Kits. FY 2009 OCO funding (\$10M) received for Target Location Error Integration / Electronic Protection Integration.												
Increase in FY14 funding reflects additional funding for wholeness efforts including: procurements of Radomes (ECP 6038), retrofit Radars (APG-79B), Modules (ECP 6279), and obsolescence efforts.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 13 - AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 13 - AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)					
Models of Systems Affected: F/A-18A-F and EA-18G				Type Modification: AVIONICS UPGRADE				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)													
A Kits													
Recurring													
1.1.1) B KIT 2 - Radome (ECP-6038) - NonOrganic ⁽⁵⁵⁾	35 / 11.468	21 / 6.001	24 / 8.712	36 / 16.280	- / -	36 / 16.280	17 / 7.820	- / -	- / -	- / -	- / -	133 / 50.281	
Subtotal Recurring	35 / 11.468	21 / 6.001	24 / 8.712	36 / 16.280	- / -	36 / 16.280	17 / 7.820	- / -	- / -	- / -	- / -	133 / 50.281	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 2.295	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.295	
Subtotal Non-Recurring	- / 2.295	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.295	
B Kits													
Recurring													
2.1.1) Retrofit RADARS (APG-79B) - Organic ⁽⁵⁶⁾	72 / 202.277	6 / 17.800	- / -	11 / 44.000	- / -	11 / 44.000	24 / 96.000	25 / 100.000	- / -	- / -	- / -	138 / 460.077	
2.1.2) Modules Kits (WRAs) (ECP-6279) - Organic ⁽⁵⁷⁾	43 / 19.250	8 / 4.396	53 / 25.324	64 / 36.000	- / -	64 / 36.000	- / -	- / -	- / -	- / -	- / -	168 / 84.970	
2.1.3) RBC Startup Circuit (ECP-6297) - Organic	17 / 0.112	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 0.112	
2.1.4) EMI Upgrade(ECP-6298) - Organic	20 / 1.399	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.399	
2.1.5) Expand 4/5 SMPE - Organic	40 / 2.289	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 2.289	
2.1.6) Expand 4/5 Kits (OCO) - Organic	38 / 18.438	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 18.438	
2.1.7) GPP3 Step 2 (ECP 6381) - Organic ⁽⁵⁸⁾	- / -	- / -	- / -	- / -	- / -	- / -	29 / 17.558	163 / 86.000	185 / 98.000	167 / 87.508	- / -	544 / 289.066	
2.1.8) Static Discharge software mod - Organic	- / 9.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.220	
2.1.9) VP ASIC (ECP 6383) - Organic	- / 5.525	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.525	
2.1.10) 5th and 6th Channel (ECP 6344) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	180 / 101.434	360 / 206.519	540 / 307.953	
2.1.11) Waveform Generator HW (ECP 6346) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	130 / 16.626	130 / 14.767	128 / 14.034	- / -	388 / 45.427	
2.1.12) Waveform Generator FW (ECP 6346) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.370	31 / 0.380	- / -	36 / 0.441	26 / 0.319	123 / 1.510	
2.1.13) APG-65/73 obsolescence - Organic ⁽⁵⁹⁾	- / 0.735	- / 1.091	- / 5.224	- / 7.327	- / -	- / 7.327	- / 10.625	- / 6.052	- / 16.195	- / 15.822	- / -	- / 63.071	
2.1.14) APG-79 obsolescence - Organic ⁽⁶⁰⁾	- / 1.041	- / 0.580	- / 4.038	- / 7.175	- / -	- / 7.175	- / 10.542	- / 6.775	- / 16.229	- / 15.865	- / -	- / 62.245	
2.1.15) 23X (SCS) - Organic	- / 0.500	- / 7.247	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.747	
2.1.16) 25X (SCS) - Organic	- / -	- / 1.214	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.214	
Subtotal Recurring	230 / 260.786	14 / 32.328	53 / 34.586	75 / 94.502	- / -	75 / 94.502	83 / 135.095	349 / 215.833	315 / 145.191	511 / 235.104	386 / 206.838	2,016 / 1,360.263	
Non-Recurring													

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 13 - AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: AVIONICS UPGRADE					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.2.1) Installation Equipment N/R - Organic	- / 37.553	- / 42.732	- / 66.920	- / 66.318	- / -	- / 66.318	- / 65.104	- / 59.071	- / 48.395	- / 29.584	- / -	- / 415.677
Subtotal Non-Recurring	- / 37.553	- / 42.732	- / 66.920	- / 66.318	- / -	- / 66.318	- / 65.104	- / 59.071	- / 48.395	- / 29.584	- / -	- / 415.677
Total, AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	265 / 312.102	35 / 81.061	77 / 110.218	111 / 177.100	- / -	111 / 177.100	100 / 208.019	349 / 274.904	315 / 193.586	511 / 264.688	386 / 206.838	2,149 / 1,828.516
Total Procurement, All Modifications	265 / 312.102	35 / 81.061	77 / 110.218	111 / 177.100	- / -	111 / 177.100	100 / 208.019	349 / 274.904	315 / 193.586	511 / 264.688	386 / 206.838	2,149 / 1,828.516
Support												
3.1) Engineering Change Orders	- / 34.268	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 34.268
3.2) Data	- / 1.489	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.489
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 2.658	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.658
3.5) ILS	- / -	- / 3.490	- / 3.514	- / 3.547	- / -	- / 3.547	- / 3.610	- / 3.675	- / 3.741	- / 3.808	- / 3.877	- / 29.262
3.6) Other Support	- / 31.152	- / 3.000	- / 3.054	- / 3.108	- / -	- / 3.108	- / 3.165	- / 3.222	- / 3.280	- / 3.339	- / 5.025	- / 58.345
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	69.567	6.490	6.568	6.655	-	6.655	6.775	6.897	7.021	7.147	8.902	126.022
Total Procurement and Support	381.669	87.551	116.786	183.755	-	183.755	214.794	281.801	200.607	271.835	215.740	1,954.538
AESA/AN-APG-65/AN-APG-73 (OSIP 002-07) Installation Cost	- / 0.000	- / 0.700	- / 2.800	- / 2.100	- / -	- / 2.100	- / 2.400	- / 3.600	- / 1.700	- / -	- / -	- / 13.300
Total Installation Cost	- / 0.000	- / 0.700	- / 2.800	- / 2.100	- / -	- / 2.100	- / 2.400	- / 3.600	- / 1.700	- / -	- / -	- / 13.300
Total Cost (Procurement + Support + Installation)	381.669	88.251	119.586	185.855	-	185.855	217.194	285.401	202.307	271.835	215.740	1,967.838

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0525 - F-18 Series								Modification Nomenclature (Modification Number - Modification Title): 13 - AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)															
Models of Systems Affected: F/A-18A-F and EA-18G								Type Modification: AVIONICS UPGRADE								Related RDT&E PEs:															
Manufacturer Information: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)																															
Manufacturer Name: ECP 6038														Manufacturer Location: N/A																	
Administrative Leadtime (in Months): 6														Production Leadtime (in Months): 24																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Mar 2012				Mar 2013				Mar 2014				Mar 2015																	
Delivery Dates		Mar 2014				Mar 2015				Mar 2016				Mar 2017																	
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)								Method of Implementation: Field Mod Teams								Installation Name: B KIT 2 - Radome (ECP-6038)															
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		7 / 0.700		28 / 2.800		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		35 / 3.500					
FY 2012		- / -		- / -		- / -		21 / 2.100		- / -		21 / 2.100		- / -		- / -		- / -		- / -		- / -		- / -		21 / 2.100					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		24 / 2.400		- / -		- / -		- / -		- / -		- / -		24 / 2.400					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		36 / 3.600		- / -		- / -		- / -		- / -		36 / 3.600					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		17 / 1.700		- / -		- / -		- / -		17 / 1.700					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		7 / 0.700		28 / 2.800		21 / 2.100		- / -		21 / 2.100		24 / 2.400		36 / 3.600		17 / 1.700		- / -		- / -		- / -		133 / 13.300					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	1	2	2	2	2	2	10	14	-	-	11	10	-	-	12	12	-	-	18	18	-	-	9	8	-	-	-	-	-	133
Out	-	1	2	2	2	2	2	10	14	-	-	11	10	-	-	12	12	-	-	18	18	-	-	9	8	-	-	-	-	-	133
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)								Method of Implementation: Organic - Retrofit RADARS (APG-79B)								Installation Quantity: 138															
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)								Method of Implementation: Organic - Modules Kits (WRAs) (ECP-6279)								Installation Quantity: 168															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 13 - AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Organic - RBC Startup Circuit (ECP-6297)	Installation Quantity: 17
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Organic - EMI Upgrade(ECP-6298)	Installation Quantity: 20
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Organic - Expand 4/5 SMPE	Installation Quantity: 40
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Organic - Expand 4/5 Kits (OCO)	Installation Quantity: 38
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Organic - GPP3 Step 2 (ECP 6381)	Installation Quantity: 544
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Organic - 5th and 6th Channel (ECP 6344)	Installation Quantity: 540
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Organic - Waveform Generator HW (ECP 6346)	Installation Quantity: 388
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Organic - Waveform Generator FW (ECP 6346)	Installation Quantity: 123
Footnotes: (55) Lower unit cost in FY12 due to leveraging large multiyear procurement (MYP). FY13 unit costs increase assuming little concurrency with MYP. FY14 unit costs increase further due to no concurrency with MYP. (56) RADARs are O-level installs and have no related install cost/schedule. (57) A) ECP 6279 installs are O-level installs and have no related install cost/schedule. B) Lower unit cost in FY13 due to some concurrency with MYP as well as higher quantity compared with FY12. Higher unit cost in FY14 due to no concurrency with MYP. (58) High initial unit cost in FY15 due to lower quantity. (59) Costs for obsolescence kits vary because obsolescence issues are not an ongoing effort for a single item and are not subject to inflation driven increases. The requirement for obsolescence kits was determined by evaluating historic LoTB costs for analogous systems. These costs were projected to support future obsolescence issues in the affected components. Obsolescence efforts have been underfunded for the past few years, causing the program to reallocate current-year budget to cover emergent obsolescence mitigation efforts per Resource Sponsor direction. The increase from FY13 to FY14 is necessary to recover from several years of shortfalls. (60) Costs for obsolescence kits vary because obsolescence issues are not an ongoing effort for a single item and are not subject to inflation driven increases. The requirement for obsolescence kits was determined by evaluating historic LoTB costs for analogous systems. These costs were projected to support future obsolescence issues in the affected components. Obsolescence efforts have been		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 13 - AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
underfunded for the past few years, causing the program to reallocate current-year budget to cover emergent obsolescence mitigation efforts per Resource Sponsor direction. The increase from FY13 to FY14 is necessary to recover from several years of shortfalls.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 14 - EW Unique (OSIP 021-08)				
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit			Type Modification: Capability Improvements					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	131.807	2.481	-	0.574	-	0.574	0.772	0.774	-	-	-	136.408
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	131.807	2.481	-	0.574	-	0.574	0.772	0.774	-	-	-	136.408
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	131.807	2.481	-	0.574	-	0.574	0.772	0.774	-	-	-	136.408
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Purchase additional ALR-67(V)3 Radar Warning Receiver (RWR) systems to be used to retrofit F/A-18C/D platforms. These systems will replace existing ALR-67(V)2 systems. This will significantly increase aircrew survivability in the legacy F/A-18. The repetitive obsolescence issues of the V(2) system is a consistent issue in the F/A-18 community. The RWR ALR-67(V)3 is the threat recognition providing Situational Awareness for the aircrew and is vital to their own safety as well as providing the opportunity to support the ground troops. This retrofit reduces the risk of lost aircraft and aircrew in a hostile environment, improves close air support, and reduces the risk of Blue on Blue Fratricide. The Operational, Safety and Improvement Program also performs required safety of flight modifications, address obsolescence issues, sustainment, and incorporates system improvements for all Electronic Warfare unique requirements. ALQ-214(V)4/5 kit procurement is required for integration testing to determine ALR-67(V)3 and ALQ-214(V)5 compatibility.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: V(3) Development and Integration efforts started in FY10 and delivery and installs of A-kits to begin in FY14. Initial Operational Capability is planned for second quarter of FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 14 - EW Unique (OSIP 021-08)				
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit				Type Modification: Capability Improvements				Related RDT&E PEs:					
Financial Plan		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement													
EW Unique (OSIP 021-08)													
A Kits													
Recurring													
1.1.1) OCO ALR 67(V)3 - NonOrganic		100 / 4.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 4.123
Subtotal Recurring		100 / 4.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 4.123
Non-Recurring													
1.2.1) Installation Kits N/R - Organic		- / 1.605	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.605
Subtotal Non-Recurring		- / 1.605	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.605
B Kits													
Recurring													
2.1.1) F/A-18C/D ALR-67(V)3 Retrofit - Organic		104 / 97.316	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	104 / 97.316
2.1.2) ALR-67(V)3 S/W integration - Organic		- / 3.591	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.591
2.1.3) ALR 67(V)3 RWR G4 - Organic		- / -	9 / 1.129	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.129
2.1.4) ALR 67(V)3 OPR/DCR - Organic		- / -	9 / 1.007	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.007
2.1.5) 25X (SCS) - Organic		- / -	- / 0.178	- / -	- / -	- / -	- / -	- / -	- / 0.518	- / -	- / -	- / -	- / 0.696
Subtotal Recurring		104 / 100.907	18 / 2.314	- / -	- / -	- / -	- / -	- / -	- / 0.518	- / -	- / -	- / -	122 / 103.739
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic		- / 18.234	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.234
Subtotal Non-Recurring		- / 18.234	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.234
Total, EW Unique (OSIP 021-08)		204 / 124.869	18 / 2.314	- / -	- / -	- / -	- / -	- / -	- / 0.518	- / -	- / -	- / -	222 / 127.701
Total Procurement, All Modifications		204 / 124.869	18 / 2.314	- / -	- / -	- / -	- / -	- / -	- / 0.518	- / -	- / -	- / -	222 / 127.701
Support													
3.1) Engineering Change Orders		- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data		- / 0.283	- / 0.053	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.336
3.3) Training Equipment		- / 0.371	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.371
3.4) Support Equipment		- / 5.684	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.684
3.5) ILS		- / 0.600	- / 0.114	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.714
3.6) Other Support		- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) Interim Contractor Support		- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0525 - F-18 Series		Modification Nomenclature (Modification Number - Modification Title): 14 - EW Unique (OSIP 021-08)	
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit		Type Modification: Capability Improvements			

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Total Support, All Modifications</i>	6.938	0.167	-	-	-	-	-	-	-	-	-	7.105
<i>Total Procurement and Support</i>	131.807	2.481	-	-	-	-	-	0.518	-	-	-	134.806
EW Unique (OSIP 021-08) Installation Cost	- / 0.000	- / -	- / -	- / 0.574	- / -	- / 0.574	- / 0.772	- / 0.256	- / -	- / -	- / -	- / 1.602
<i>Total Installation Cost</i>	- / 0.000	- / -	- / -	- / 0.574	- / -	- / 0.574	- / 0.772	- / 0.256	- / -	- / -	- / -	- / 1.602
Total Cost (Procurement + Support + Installation)	131.807	2.481	-	0.574	-	0.574	0.772	0.774	-	-	-	136.408

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0525 - F-18 Series		Modification Nomenclature (Modification Number - Modification Title): 14 - EW Unique (OSIP 021-08)	
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit		Type Modification: Capability Improvements			

Manufacturer Information: EW Unique (OSIP 021-08)											
Manufacturer Name: ALR-67(V)3						Manufacturer Location: N/A					
Administrative Leadtime (<i>in Months</i>): 4						Production Leadtime (<i>in Months</i>): 42					
Dates	FY 2012	FY 2013		FY 2014		FY 2015		FY 2016		FY 2017	FY 2018
Contract Dates											
Delivery Dates											

Installation: EW Unique (OSIP 021-08)				Method of Implementation: Field Mod Teams				Installation Name: OCO ALR 67(V)3				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	36 / 0.574	0 / 0.000	36 / 0.574	48 / 0.772	16 / 0.256	- / -	- / -	- / -	100 / 1.602
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	36 / 0.574	- / -	36 / 0.574	48 / 0.772	16 / 0.256	- / -	- / -	- / -	100 / 1.602

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	12	12	12	12	12	12	12	8	8	-	-	-	-	-	-	-	-	-	-	100	
Out	-	-	-	-	-	-	-	-	-	-	12	12	12	12	12	12	12	8	8	-	-	-	-	-	-	-	-	-	-	100	

Installation: EW Unique (OSIP 021-08)				Method of Implementation: Organic - F/A-18C/D ALR-67(V)3 Retrofit								Installation Quantity: 104							
Installation: EW Unique (OSIP 021-08)				Method of Implementation: Organic - ALR 67(V)3 RWR G4								Installation Quantity: 9							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 14 - EW Unique (OSIP 021-08)
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit	Type Modification: Capability Improvements	Related RDT&E PEs:
Installation: EW Unique (OSIP 021-08)	Method of Implementation: Organic - ALR 67(V)3 OPR/DCR	Installation Quantity: 9

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 15 - Network Centric Operations: (OSIP 001-10)				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Avionics Upgrade					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	65.793	34.340	42.611	48.030	-	48.030	53.892	33.764	32.338	94.908	503.857	909.533
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	65.793	34.340	42.611	48.030	-	48.030	53.892	33.764	32.338	94.908	503.857	909.533
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	65.793	34.340	42.611	48.030	-	48.030	53.892	33.764	32.338	94.908	503.857	909.533
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
Operational, Safety and Improvement Program (OSIP) 001-10 will implement a common configuration and capability across all F/A-18E/F Block 2 aircraft. Improving platform performance in all mission areas including Surface Warfare (SuW), Air-to-Air, Strike, Suppression of Enemy Air Defenses (SEAD)/Defensive Electronic Counter Measurements (DECD) and interoperability which will result in a reduction of a number of aircraft and weapons to execute SuW and Strike missions in most stressing scenarios, decrease in time on target to execute SuW, SEAD/DECD missions in Major Combat Operations scenarios and will improve survivability due to decreased time on target.												
The F/A-18 program has developed and integrated multiple systems to be installed in Lot 26 and subsequent Block 2 aircraft. The integration of the systems: Distributed Targeting System (DTS), Digital Memory Unit, Advanced Navigation, Upgraded Solid State Recorder, Digital Cueing Systems and G4 Processor, and Interoperability modifications due to Multifunctional Information Distribution System Low Volume Terminal and Digital Communication System (DCS) radio Military-Standard will greatly improve the weapon systems threat capability. This OSIP will implement the required architecture in support of Navigation Plan 2030. The Accurate Navigation (ANAV) retrofit implements an advanced Inertial Navigation System/Global Positioning System that increases platform navigation accuracy and smart weapon targeting solutions.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												
Digital Memory Device (DMD), ANAV, and Digital Countermeasure Receiver (DCR) are fully developed and delivered with Lot 30 and above in FY 2008. Distributed Targeting System, PR09 funded issue, began Operational Testing in FY 2012 with Initial Operational Capability in FY 2013. Engineering Change Proposals (ECPs) included: ANAV xxx1, DMD: ECP xxx2, Distributed Targeting Processor/Mass Storage Unit (DTP/MSU): ECP 6253/6253R1, DCR: ECP xxx4, Upgraded Solid State Recorder (USSR): ECP 6318 and Interoperability: ECP: xxx7												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 15 - Network Centric Operations: (OSIP 001-10)					
Models of Systems Affected: F/A-18A-F and EA-18G				Type Modification: Avionics Upgrade				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Network Centric Operations: (OSIP 001-10)													
A Kits													
Recurring													
1.1.1) USSR A-Kit - NonOrganic	68 / 3.129	40 / 2.001	30 / 1.574	15 / 0.801	- / -	15 / 0.801	6 / 0.326	- / -	- / -	- / -	- / -	159 / 7.831	
1.1.2) DTS A1 KITS (LOTS 26-29) - NonOrganic ⁽⁶¹⁾	4 / 0.248	33 / 1.584	- / -	39 / 1.906	- / -	39 / 1.906	44 / 2.189	52 / 2.633	- / -	- / -	- / -	172 / 8.560	
1.1.3) DTS A2 - A5 KITS (LOTS 26-29) - Organic	- / -	80 / 0.880	- / -	86 / 0.963	- / -	86 / 0.963	2 / 0.023	- / -	- / -	- / -	- / -	168 / 1.866	
1.1.4) DMD A Kit (LOTS 26-29) - NonOrganic	- / -	35 / 2.221	50 / 3.230	60 / 3.946	- / -	60 / 3.946	26 / 1.741	- / -	- / -	- / -	- / -	171 / 11.138	
1.1.5) DMD Encryption chips - Organic	- / -	298 / 0.169	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	298 / 0.169	
1.1.6) DMD Replacement kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 12.300	- / -	100 / 12.300	
Subtotal Recurring	72 / 3.377	486 / 6.855	80 / 4.804	200 / 7.616	- / -	200 / 7.616	78 / 4.279	52 / 2.633	- / -	100 / 12.300	- / -	1,068 / 41.864	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic ⁽⁶²⁾	- / 11.121	- / 1.816	- / 2.637	- / 1.692	- / -	- / 1.692	- / 6.230	- / 1.441	- / 4.473	- / -	- / -	- / 29.410	
Subtotal Non-Recurring	- / 11.121	- / 1.816	- / 2.637	- / 1.692	- / -	- / 1.692	- / 6.230	- / 1.441	- / 4.473	- / -	- / -	- / 29.410	
B Kits													
Recurring													
2.1.1) ANAV kit with WRA - NonOrganic ⁽⁶³⁾	35 / 3.528	17 / 1.722	36 / 3.712	56 / 5.879	- / -	56 / 5.879	41 / 4.381	18 / 1.958	- / -	- / -	- / -	203 / 21.180	
2.1.2) ANAV obsolete gyros (LOTB) - Organic	552 / 7.894	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	552 / 7.894	
2.1.3) DCS Dual Stack Radio - Organic	- / 0.545	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.545	
2.1.4) DTS B kits (lots 30 and above) - Organic	30 / 10.280	64 / 18.180	63 / 18.218	61 / 17.957	- / -	61 / 17.957	68 / 20.378	24 / 7.322	35 / 10.870	90 / 28.454	100 / 32.185	535 / 163.844	
2.1.5) DTS Solid State Disk upgrade - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 5.070	150 / 5.161	- / -	- / -	300 / 10.231	
2.1.6) AiTR Software mod - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.977	- / 48.074	- / 63.051	
2.1.7) DTP-N B-kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	538 / 334.000	538 / 334.000	
2.1.8) ALR 67(V)3 RWR G4 - Organic	56 / 6.416	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 6.416	
2.1.9) ALR 67(V)3 DCR - Organic	52 / 12.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 12.509	
2.1.10) USSR Operational RMMs - Organic	67 / 0.437	40 / 0.249	30 / 0.204	15 / 0.104	- / -	15 / 0.104	6 / 0.043	- / -	- / -	- / -	- / -	158 / 1.037	
Subtotal Recurring	792 / 41.609	121 / 20.151	129 / 22.134	132 / 23.940	- / -	132 / 23.940	115 / 24.802	192 / 14.350	185 / 16.031	90 / 43.431	638 / 414.259	2,394 / 620.707	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic ⁽⁶⁴⁾	- / 0.302	- / -	- / -	- / -	- / -	- / -	- / 1.126	- / 0.811	- / 0.121	- / 32.877	- / 79.902	- / 115.139	
Subtotal Non-Recurring	- / 0.302	- / -	- / -	- / -	- / -	- / -	- / 1.126	- / 0.811	- / 0.121	- / 32.877	- / 79.902	- / 115.139	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 15 - Network Centric Operations: (OSIP 001-10)				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Avionics Upgrade					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total, Network Centric Operations: (OSIP 001-10)	864 / 56.409	607 / 28.822	209 / 29.575	332 / 33.248	- / -	332 / 33.248	193 / 36.437	244 / 19.235	185 / 20.625	190 / 88.608	638 / 494.161	3,462 / 807.120
Total Procurement, All Modifications	864 / 56.409	607 / 28.822	209 / 29.575	332 / 33.248	- / -	332 / 33.248	193 / 36.437	244 / 19.235	185 / 20.625	190 / 88.608	638 / 494.161	3,462 / 807.120
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 2.394	- / 0.131	- / 0.320	- / 0.086	- / -	- / 0.086	- / 0.557	- / 0.463	- / -	- / -	- / -	- / 3.951
3.3) Training Equipment	- / -	- / -	- / 0.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.350
3.4) Support Equipment	- / 0.423	- / 0.595	- / 1.928	- / 1.735	- / -	- / 1.735	- / 2.559	- / 1.338	- / -	- / 2.801	- / 3.561	- / 14.940
3.5) ILS ⁽⁶⁵⁾	- / -	- / 0.938	- / 3.179	- / 3.172	- / -	- / 3.172	- / 3.169	- / 3.215	- / 3.311	- / 2.559	- / 2.605	- / 22.148
3.6) Other Support ⁽⁶⁶⁾	- / 6.567	- / 3.662	- / 4.180	- / 4.239	- / -	- / 4.239	- / 4.308	- / 4.379	- / 4.459	- / 0.940	- / 3.530	- / 36.264
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	9.384	5.326	9.957	9.232	-	9.232	10.593	9.395	7.770	6.300	9.696	77.653
Total Procurement and Support	65.793	34.148	39.532	42.480	-	42.480	47.030	28.630	28.395	94.908	503.857	884.773
Network Centric Operations: (OSIP 001-10) Installation Cost	- / 0.000	- / 0.192	- / 3.079	- / 5.550	- / -	- / 5.550	- / 6.862	- / 5.134	- / 3.943	- / -	- / -	- / 24.760
Total Installation Cost	- / 0.000	- / 0.192	- / 3.079	- / 5.550	- / -	- / 5.550	- / 6.862	- / 5.134	- / 3.943	- / -	- / -	- / 24.760
Total Cost (Procurement + Support + Installation)	65.793	34.340	42.611	48.030	-	48.030	53.892	33.764	32.338	94.908	503.857	909.533

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 15 - Network Centric Operations: (OSIP 001-10)	

Models of Systems Affected: F/A-18A-F and EA-18G		Type Modification: Avionics Upgrade			Related RDT&E PEs:		

Manufacturer Information: Network Centric Operations: (OSIP 001-10)

Manufacturer Name: USSR				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 18			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012	Mar 2013	Mar 2014	Mar 2015			
Delivery Dates	Oct 2013	Oct 2014	Oct 2015	Oct 2016			

Manufacturer Name: DTS A1				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Aug 2012		Mar 2014	Mar 2015	Mar 2016		
Delivery Dates	May 2014		Sep 2014	Sep 2015	Sep 2016		

Manufacturer Name: DMD				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 13			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012	Mar 2013	Mar 2014	Mar 2015			
Delivery Dates	Apr 2013	Apr 2014	Apr 2015	Apr 2016			

Manufacturer Name: ANAV				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 18			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016		
Delivery Dates	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017		

Installation: Network Centric Operations: (OSIP 001-10) **Method of Implementation:** Field Mod Team **Installation Name:** USSR A-Kit

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
All Prior Years	- / -	24 / 0.192	44 / 0.496	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	68 / 0.688
FY 2012	- / -	- / -	- / -	40 / 0.320	- / -	40 / 0.320	- / -	- / -	- / -	- / -	- / -	40 / 0.320
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.240	- / -	- / -	- / -	- / -	30 / 0.240

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Exhibit P-3A, Individual Modification: PB 2014 Navy																			Date: April 2013												
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0525 - F-18 Series										Modification Nomenclature (Modification Number - Modification Title): 15 - Network Centric Operations: (OSIP 001-10)										
Models of Systems Affected: F/A-18A-F and EA-18G										Type Modification: Avionics Upgrade										Related RDT&E PEs:											
Installation: Network Centric Operations: (OSIP 001-10)										Method of Implementation: Field Mod Team										Installation Name: USSR A-Kit											
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
FY 2014		-		-		-		-		-		-		-		15 / 0.122		-		-		-		15 / 0.122							
FY 2015		-		-		-		-		-		-		-		-		6 / 0.050		-		-		6 / 0.050							
FY 2016		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2017		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2018		-		-		-		-		-		-		-		-		-		-		-		-							
To Complete		-		-		-		-		-		-		-		-		-		-		-		-							
Total		-		-		24 / 0.192		44 / 0.496		40 / 0.320		-		-		40 / 0.320		30 / 0.240		15 / 0.122		6 / 0.050		-		-		159 / 1.420			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	6	6	6	6	11	11	11	11	10	10	10	10	7	7	8	8	4	4	4	3	3	3	-	-	-	-	-	-	-	159
Out	-	6	6	6	6	11	11	11	11	10	10	10	10	7	7	8	8	4	4	4	3	3	3	-	-	-	-	-	-	-	159
Installation: Network Centric Operations: (OSIP 001-10)										Method of Implementation: Depot Level, Field Mod Teams										Installation Name: DTS A1 KITS (LOTS 26-29)											
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		-		-		4 / 0.148		-		-		-		-		-		-		-		-		4 / 0.148							
FY 2012		-		-		-		28 / 1.993		-		28 / 1.993		5 / 0.305		-		-		-		-		33 / 2.298							
FY 2013		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2014		-		-		-		-		-		-		39 / 2.400		-		-		-		-		39 / 2.400							
FY 2015		-		-		-		-		-		-		-		44 / 2.754		-		-		-		44 / 2.754							
FY 2016		-		-		-		-		-		-		-		-		52 / 3.313		-		-		52 / 3.313							
FY 2017		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2018		-		-		-		-		-		-		-		-		-		-		-		-							
To Complete		-		-		-		-		-		-		-		-		-		-		-		-							
Total		-		-		4 / 0.148		28 / 1.993		-		28 / 1.993		44 / 2.705		44 / 2.754		52 / 3.313		-		-		172 / 10.913							

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0525 - F-18 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 15 - Network Centric Operations: (OSIP 001-10)										
Models of Systems Affected: F/A-18A-F and EA-18G											Type Modification: Avionics Upgrade											Related RDT&E PEs:										
Installation: Network Centric Operations: (OSIP 001-10)											Method of Implementation: Depot Level, Field Mod Teams											Installation Name: DTS A1 KITS (LOTS 26-29)										
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	2	-	2	-	-	-	-	12	16	15	10	10	9	11	11	11	11	13	13	13	13	-	-	-	-	-	172
Out	-	-	-	-	-	2	-	2	-	-	-	-	12	16	15	10	10	9	11	11	11	11	13	13	13	13	-	-	-	-	-	172

Installation: Network Centric Operations: (OSIP 001-10)											Method of Implementation: Field Mod Team											Installation Name: DMD A Kit (LOTS 26-29)					
		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total														
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)														
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2012		- / -	- / -	25 / 0.875	10 / 0.360	- / -	10 / 0.360	- / -	- / -	- / -	- / -	- / -	35 / 1.235														
FY 2013		- / -	- / -	- / -	50 / 1.778	- / -	50 / 1.778	- / -	- / -	- / -	- / -	- / -	50 / 1.778														
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	60 / 2.176	- / -	- / -	- / -	- / -	60 / 2.176														
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 0.960	- / -	- / -	- / -	26 / 0.960														
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
Total		- / -	- / -	25 / 0.875	60 / 2.138	- / -	60 / 2.138	60 / 2.176	26 / 0.960	- / -	- / -	- / -	171 / 6.149														

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	10	15	10	-	25	25	-	-	30	30	-	-	13	13	-	-	-	-	-	-	-	-	-	171
Out	-	-	-	-	-	-	-	10	15	10	-	25	25	-	-	30	30	-	-	13	13	-	-	-	-	-	-	-	-	-	171

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0525 - F-18 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 15 - Network Centric Operations: (OSIP 001-10)													
Models of Systems Affected: F/A-18A-F and EA-18G										Type Modification: Avionics Upgrade										Related RDT&E PEs:													
Installation: Network Centric Operations: (OSIP 001-10)										Method of Implementation: Field Mod Team										Installation Name: ANAV kit with WRA													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
All Prior Years										- / -		- / -		35 / 1.050		- / -		- / -		- / -		- / -		- / -		- / -		- / -		35 / 1.050			
FY 2012										- / -		- / -		17 / 0.510		- / -		- / -		- / -		- / -		- / -		- / -		- / -		17 / 0.510			
FY 2013										- / -		- / -		- / -		36 / 1.099		- / -		36 / 1.099		- / -		- / -		- / -		- / -		36 / 1.099			
FY 2014										- / -		- / -		- / -		- / -		- / -		56 / 1.741		- / -		- / -		- / -		- / -		56 / 1.741			
FY 2015										- / -		- / -		- / -		- / -		- / -		- / -		41 / 1.298		- / -		- / -		- / -		41 / 1.298			
FY 2016										- / -		- / -		- / -		- / -		- / -		- / -		- / -		18 / 0.580		- / -		- / -		18 / 0.580			
FY 2017										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total										- / -		- / -		52 / 1.560		36 / 1.099		- / -		36 / 1.099		56 / 1.741		41 / 1.298		18 / 0.580		- / -		- / -		203 / 6.278	
Installation Schedule																																	
		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot		
In	-	-	-	-	-	10	9	17	16	-	-	18	18	-	-	28	28	-	-	20	21	-	-	9	9	-	-	-	-	-	203		
Out	-	-	-	-	-	10	9	17	16	-	-	18	18	-	-	28	28	-	-	20	21	-	-	9	9	-	-	-	-	-	203		
Installation: Network Centric Operations: (OSIP 001-10)										Method of Implementation: Not Installed - DTS A2 - A5 KITS (LOTS 26-29)										Installation Quantity: 168													
Installation: Network Centric Operations: (OSIP 001-10)										Method of Implementation: Not Installed - DMD Encryption chips										Installation Quantity: 298													
Installation: Network Centric Operations: (OSIP 001-10)										Method of Implementation: Organic - DMD Replacement kits										Installation Quantity: 100													
Installation: Network Centric Operations: (OSIP 001-10)										Method of Implementation: Organic - ANAV obsolete gyros (LOTB)										Installation Quantity: 552													
Installation: Network Centric Operations: (OSIP 001-10)										Method of Implementation: Organic - DTS B kits (lots 30 and above)										Installation Quantity: 535													

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 15 - Network Centric Operations: (OSIP 001-10)
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:
Installation: Network Centric Operations: (OSIP 001-10)	Method of Implementation: Organic - DTS Solid State Disk upgrade	Installation Quantity: 300
Installation: Network Centric Operations: (OSIP 001-10)	Method of Implementation: Organic - DTP-N B-kits	Installation Quantity: 538
Installation: Network Centric Operations: (OSIP 001-10)	Method of Implementation: Organic - ALR 67(V)3 RWR G4	Installation Quantity: 56
Installation: Network Centric Operations: (OSIP 001-10)	Method of Implementation: Organic - ALR 67(V)3 DCR	Installation Quantity: 52
Installation: Network Centric Operations: (OSIP 001-10)	Method of Implementation: Organic - USSR Operational RMMs	Installation Quantity: 158
Footnotes: ⁽⁶¹⁾ Quantity of 33 DTS kits procured in FY12 have a two year leadtime due to val/ver efforts. DTS kits procured after FY12 have a 6 month administrative leadtime and 6 month production leadtime. ⁽⁶²⁾ Installation Kits N/R funding increase in FY15 reflects engineering efforts beginning for DMD replacement kits. ⁽⁶³⁾ ANAV install kits (A-kits), previously identified as A2 and A3 kits, are now being incorporated into the install equipment (B-kit). As a result, the A2 and A3 install kit lines have been removed. ⁽⁶⁴⁾ Increase in FY18 is due to NRE efforts for Distributed Targeting Processor-Network. ⁽⁶⁵⁾ ILS funding increases in FY13 due to ramp up of ANAV, DMD and DTS efforts. ⁽⁶⁶⁾ Other Support funding increases in FY13 due to ramp up of ANAV, DMD and DTS efforts. Other Support decreases in FY18 due to completion of ANAV and USSR efforts.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 16 - EA-18G Unique OSIP (011-10)				
Models of Systems Affected: EA-18G			Type Modification: SAFETY /RELIABILITY/IMPROVEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2.784	8.750	6.693	23.212	-	23.212	44.478	16.555	16.746	37.671	188.500	345.389
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.784	8.750	6.693	23.212	-	23.212	44.478	16.555	16.746	37.671	188.500	345.389
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.784	8.750	6.693	23.212	-	23.212	44.478	16.555	16.746	37.671	188.500	345.389
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
With EA-18G aircraft achieving Initial Operational Capability in FY2009, an Operational, Safety and Improvement Program (OSIP) to perform required safety of flight modifications, address obsolescence issues, and incorporate system improvements was established. Funds are required to retrofit Weapons Replaceable Assemblies and Shop Replaceable Assemblies (SRAs) and achieve Depot Standup SRA capability. Funding will support the retrofit of the ALQ-99 Tactical Jamming System. The Joint Tactical Terminal-Receiver (JTT-R) is being developed to replace the Multi-Mission Advanced Tactical Terminal (MATT) to address MATT obsolescence and capability deficiencies. OSIP funding will be used to retrofit the aircraft with JTT-R at the completion of the development program. Funding will also support maintenance of a common configuration and Airborne Electronic Attack I-level standup. This OSIP also supports the procurement and fielding of Operational Test Program Sets as support equipment in FY15 and FY16 for I-level maintenance stand up.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												
JTT-R Non-Recurring Engineering in FY08-13. Aircraft production A-kit buys in FY10-13 [58 aircraft (A/C)] with installs in FY11-14 (58 A/C) using Aircraft Procurement, Navy-1. Retrofit A-kit buys in FY14-16 (54 A/C) with installations in FY15-17. Retrofit B-kit procurements in FY13-FY17 with O-level installs beginning in FY15 in alignment with H-10 fleet release.												
Increase in FY14 funding is due to addition of EA-G Hardback procurement, as well as increased IBS Receiver Replacement (JTTR) procurement.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 16 - EA-18G Unique OSIP (011-10)				
Models of Systems Affected: EA-18G				Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
EA-18G Unique OSIP (011-10)												
A Kits												
Recurring												
1.1.1) IBS Receiver Replacement - NonOrganic	- / -	- / -	18 / 1.610	18 / 1.638	- / -	18 / 1.638	18 / 1.668	- / -	- / -	- / -	- / -	54 / 4.916
Subtotal Recurring	- / -	- / -	18 / 1.610	18 / 1.638	- / -	18 / 1.638	18 / 1.668	- / -	- / -	- / -	- / -	54 / 4.916
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 1.251	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.251
Subtotal Non-Recurring	- / 1.251	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.251
B Kits												
Recurring												
2.1.1) IBS Receiver Replacement (JTTR) - Organic ⁽⁶⁷⁾	- / -	- / -	9 / 1.485	38 / 5.700	- / -	38 / 5.700	26 / 3.900	31 / 4.650	20 / 3.000	- / -	- / -	124 / 18.735
2.1.2) H10 (SCS) - Organic	- / -	- / 8.035	- / 2.872	- / 0.753	- / -	- / 0.753	- / -	- / -	- / -	- / -	- / -	- / 11.660
2.1.3) EA-18G Hardback - Organic	- / -	- / -	- / -	60 / 5.600	- / -	60 / 5.600	20 / 2.000	- / -	- / -	- / -	- / -	80 / 7.600
2.1.4) JTT-R WRA - Organic	10 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.500
2.1.5) JTT-R PICES/Standalone software - Organic	- / -	- / 0.353	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.353
2.1.6) EA-18G SCS - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.531	- / 37.347	- / 188.500	- / 238.378
Subtotal Recurring	10 / 1.500	- / 8.388	9 / 4.357	98 / 12.053	- / -	98 / 12.053	46 / 5.900	31 / 4.650	20 / 15.531	- / 37.347	- / 188.500	214 / 278.226
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 0.033	- / 0.160	- / 0.430	- / 0.437	- / -	- / 0.437	- / 0.120	- / 0.150	- / -	- / -	- / -	- / 1.330
Subtotal Non-Recurring	- / 0.033	- / 0.160	- / 0.430	- / 0.437	- / -	- / 0.437	- / 0.120	- / 0.150	- / -	- / -	- / -	- / 1.330
Total, EA-18G Unique OSIP (011-10)	10 / 2.784	- / 8.548	27 / 6.397	116 / 14.128	- / -	116 / 14.128	64 / 7.688	31 / 4.800	20 / 15.531	- / 37.347	- / 188.500	268 / 285.723
Total Procurement, All Modifications	10 / 2.784	- / 8.548	27 / 6.397	116 / 14.128	- / -	116 / 14.128	64 / 7.688	31 / 4.800	20 / 15.531	- / 37.347	- / 188.500	268 / 285.723
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / -	- / -	- / -	- / 4.293	- / -	- / 4.293	- / -	- / 0.267	- / 0.897	- / -	- / -	- / 5.457
3.4) Support Equipment ⁽⁶⁸⁾	- / -	- / -	- / -	- / 3.770	- / -	- / 3.770	- / 35.750	- / 10.430	- / -	- / -	- / -	- / 49.950
3.5) ILS	- / -	- / 0.202	- / 0.172	- / 0.175	- / -	- / 0.175	- / 0.178	- / 0.181	- / 0.185	- / 0.188	- / -	- / 1.281
3.6) Other Support	- / -	- / -	- / 0.124	- / 0.126	- / -	- / 0.126	- / 0.129	- / 0.131	- / 0.133	- / 0.136	- / -	- / 0.779

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 16 - EA-18G Unique OSIP (011-10)				

Models of Systems Affected: EA-18G			Type Modification: SAFETY /RELIABILITY/IMPROVEMENT				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	0.202	0.296	8.364	-	8.364	36.057	11.009	1.215	0.324	-	57.467
Total Procurement and Support	2.784	8.750	6.693	22.492	-	22.492	43.745	15.809	16.746	37.671	188.500	343.190
EA-18G Unique OSIP (011-10) Installation Cost	- / 0.000	- / -	- / -	- / 0.720	- / -	- / 0.720	- / 0.733	- / 0.746	- / -	- / -	- / -	- / 2.199
Total Installation Cost	- / 0.000	- / -	- / -	- / 0.720	- / -	- / 0.720	- / 0.733	- / 0.746	- / -	- / -	- / -	- / 2.199
Total Cost (Procurement + Support + Installation)	2.784	8.750	6.693	23.212	-	23.212	44.478	16.555	16.746	37.671	188.500	345.389

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0525 - F-18 Series								Modification Nomenclature (Modification Number - Modification Title): 16 - EA-18G Unique OSIP (011-10)													
Models of Systems Affected: EA-18G								Type Modification: SAFETY /RELIABILITY/IMPROVEMENT								Related RDT&E PEs:													
Manufacturer Information: EA-18G Unique OSIP (011-10)																													
Manufacturer Name: IBS Receiver														Manufacturer Location: N/A															
Administrative Leadtime (in Months): 2														Production Leadtime (in Months): 19															
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
Contract Dates						Nov 2012				Nov 2013				Nov 2014															
Delivery Dates						Jun 2014				Jun 2015				Jun 2016															

Installation: EA-18G Unique OSIP (011-10)												Method of Implementation: Field Mod Teams												Installation Name: IBS Receiver Replacement											
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																							
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																							
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																							
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																							
FY 2013	- / -	- / -	- / -	18 / 0.720	- / -	18 / 0.720	- / -	- / -	- / -	- / -	- / -	18 / 0.720																							
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.733	- / -	- / -	- / -	- / -	18 / 0.733																							
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.746	- / -	- / -	- / -	18 / 0.746																							
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																							
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																							
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																							
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																							
Total	- / -	- / -	- / -	18 / 0.720	- / -	18 / 0.720	18 / 0.733	18 / 0.746	- / -	- / -	- / -	54 / 2.199																							

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	9	9	-	-	9	9	-	-	9	9	-	-	-	-	-	-	-	-	-	54
Out	-	-	-	-	-	-	-	-	-	-	-	9	9	-	-	9	9	-	-	9	9	-	-	-	-	-	-	-	-	-	54

Installation: EA-18G Unique OSIP (011-10)												Method of Implementation: Organic - IBS Receiver Replacement (JTTR)												Installation Quantity: 124											
Installation: EA-18G Unique OSIP (011-10)												Method of Implementation: Organic - EA-18G Hardback												Installation Quantity: 80											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 16 - EA-18G Unique OSIP (011-10)
Models of Systems Affected: EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: EA-18G Unique OSIP (011-10)	Method of Implementation: Not Installed - JTT-R WRA	Installation Quantity: 10
Footnotes: ⁽⁶⁷⁾ Kits have a higher unit cost in FY13 due to lower quantity procured. ⁽⁶⁸⁾ Funding increases in FY15 due to procurement of depot support equipment.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (Modification Number - Modification Title): 17 - Power and Propulsion (11-13)				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Safety, Readiness, Reliability				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	1.000	1.000	-	1.000	1.617	-	-	-	-	3.617
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	1.000	1.000	-	1.000	1.617	-	-	-	-	3.617
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	1.000	1.000	-	1.000	1.617	-	-	-	-	3.617
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: This OSIP incorporates safety and life-limiting propulsion and power corrective actions to resolve safety and readiness concerns. Corrections to design deficiencies found during post production test and evaluation and discovered during fleet operations that have resulted in safety and reliability degradation must be corrected. The requirement to upgrade or modify the Engine, System Secondary Power System, Electrical System, and Fuel Systems is critical in maintaining sustainable fleet reliability, safety, and performance and is necessary to meet mission requirements. Modifications include Generator Convertor Units (GCUs), GCU Peculiar Support Equipment, Electrical Power and Secondary Power systems for service life extension.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Non-recurring Engineering (NRE) is being performed using Aircraft Procurement, Navy-1 funding, and will be complete in FY14. NRE for retrofits begins in FY13.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 17 - Power and Propulsion (11-13)					
Models of Systems Affected: F/A-18A-F and EA-18G				Type Modification: Safety, Readiness, Reliability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Power and Propulsion (11-13)													
B Kits													
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / -	- / -	- / 1.000	- / 1.000	- / -	- / 1.000	- / 1.617	- / -	- / -	- / -	- / -	- / 3.617	
Subtotal Non-Recurring	- / -	- / -	- / 1.000	- / 1.000	- / -	- / 1.000	- / 1.617	- / -	- / -	- / -	- / -	- / 3.617	
Total, Power and Propulsion (11-13)	- / -	- / -	- / 1.000	- / 1.000	- / -	- / 1.000	- / 1.617	- / -	- / -	- / -	- / -	- / 3.617	
Total Procurement, All Modifications	- / -	- / -	- / 1.000	- / 1.000	- / -	- / 1.000	- / 1.617	- / -	- / -	- / -	- / -	- / 3.617	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	0.000	-	1.000	1.000	-	1.000	1.617	-	-	-	-	3.617	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	-	1.000	1.000	-	1.000	1.617	-	-	-	-	3.617	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 17 - Power and Propulsion (11-13)	
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Safety, Readiness, Reliability			Related RDT&E PEs:	
Manufacturer Information: Power and Propulsion (11-13)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Power and Propulsion (11-13)			Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 18 - Infrared Search and Track (IRST) (04-14)			

Models of Systems Affected: F/A-18 E/F				Type Modification: CAPABILITY IMPROVEMENTS				Related RDT&E PEs:			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	120.660	-	120.660	191.162	199.442	243.975	265.399	464.902	1,485.540
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	120.660	-	120.660	191.162	199.442	243.975	265.399	464.902	1,485.540
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	120.660	-	120.660	191.162	199.442	243.975	265.399	464.902	1,485.540

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Infrared Search and Track (IRST) (Operational Requirements Document# 700-88-06) will provide the F/A-18E/F (Lot 26 and up) with an Alternative Fire Control System in a High Electronic Attack/Radar Denied Environment. IRST is an Evolutionary Program using a two Block approach. This Operational, Safety and Improvement Program is used to procure Block I IRST Systems [Low Rate Initial Production (LRIP) I, LRIP II and Full Rate Production (FRP)] as well as Block II Engineering Change Proposal (ECP), Modifications and Incorporation including Retrofit and Forward Fit. Block II Modifications include changes to Infrared Receiver (IRR) and Processor and any subsystem that support IRR and Processor.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

IRST development began in FY2008. IRST Block I Milestone B occurred on 17 June 2011 and the Acquisition Decision Memorandum was signed 12 July 2011. Block II (ECP) Award is scheduled for 3rd Quarter FY 2014. Block I LRIP I Award is scheduled for 3rd Quarter FY 2014. Initial Operational Capability is scheduled for 4th Quarter FY 2016.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 18 - Infrared Search and Track (IRST) (04-14)				
Models of Systems Affected: F/A-18 E/F				Type Modification: CAPABILITY IMPROVEMENTS				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Infrared Search and Track (IRST) (04-14)												
B Kits												
Recurring												
2.1.1) IRST B-kits (Block I) - Organic ⁽⁶⁹⁾	- / -	- / -	- / -	6 / 35.387	- / -	6 / 35.387	12 / 58.019	15 / 72.524	20 / 98.439	- / -	- / -	53 / 264.369
2.1.2) IRST B-kits (Block II) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 153.414	77 / 316.352	117 / 469.766
2.1.3) IRST B-Kits (Block I to Block II) - Organic ⁽⁷⁰⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 10.300	37 / 26.500	53 / 36.800
2.1.4) IRST H14 SCS (Block II) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.334	- / -	- / -	- / 16.334
2.1.5) IRST Obsolescence - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.889	- / -	- / -	- / -	- / 18.700	- / 25.589
Subtotal Recurring	- / -	- / -	- / -	6 / 35.387	- / -	6 / 35.387	12 / 64.908	15 / 72.524	20 / 114.773	56 / 163.714	114 / 361.552	223 / 812.858
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic ⁽⁷¹⁾	- / -	- / -	- / -	- / 43.295	- / -	- / 43.295	- / 83.521	- / 84.217	- / 85.733	- / 57.271	- / 58.302	- / 412.339
Subtotal Non-Recurring	- / -	- / -	- / -	- / 43.295	- / -	- / 43.295	- / 83.521	- / 84.217	- / 85.733	- / 57.271	- / 58.302	- / 412.339
Total, Infrared Search and Track (IRST) (04-14)	- / -	- / -	- / -	6 / 78.682	- / -	6 / 78.682	12 / 148.429	15 / 156.741	20 / 200.506	56 / 220.985	114 / 419.854	223 / 1,225.197
Total Procurement, All Modifications	- / -	- / -	- / -	6 / 78.682	- / -	6 / 78.682	12 / 148.429	15 / 156.741	20 / 200.506	56 / 220.985	114 / 419.854	223 / 1,225.197
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.163	- / -	- / 0.163
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / -	- / -	- / -	- / 16.018	- / -	- / 16.018	- / 16.306	- / 15.955	- / 16.242	- / 16.534	- / 16.832	- / 97.887
3.6) Other Support	- / -	- / -	- / -	- / 25.960	- / -	- / 25.960	- / 26.427	- / 26.746	- / 27.227	- / 27.717	- / 28.216	- / 162.293
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	41.978	-	41.978	42.733	42.701	43.469	44.414	45.048	260.343
Total Procurement and Support	0.000	-	-	120.660	-	120.660	191.162	199.442	243.975	265.399	464.902	1,485.540
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	-	-	120.660	-	120.660	191.162	199.442	243.975	265.399	464.902	1,485.540

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 18 - Infrared Search and Track (IRST) (04-14)	
Models of Systems Affected: F/A-18 E/F			Type Modification: CAPABILITY IMPROVEMENTS			Related RDT&E PEs:	
Manufacturer Information: Infrared Search and Track (IRST) (04-14)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Infrared Search and Track (IRST) (04-14)							
Method of Implementation: Organic - IRST B-kits (Block I)			Installation Quantity: 53				
Installation: Infrared Search and Track (IRST) (04-14)							
Method of Implementation: Organic - IRST B-kits (Block II)			Installation Quantity: 117				
Installation: Infrared Search and Track (IRST) (04-14)							
Method of Implementation: Organic - IRST B-Kits (Block I to Block II)			Installation Quantity: 53				
Footnotes: (69) IRST kits are O-level install items and have no related install cost/schedule. (70) Quantity of 53 "Block I to Block II" kits procured beginning in FY18 will convert Block I kits to Block II kits. (71) Installation Equipment N/R funding increases in FY15 due to ramp-up of IRST program.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 19 - Automated Information Systems (AIS) (OSIP 018-14)				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	36.944	-	36.944	48.617	33.067	30.227	53.365	54.326	256.546
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	36.944	-	36.944	48.617	33.067	30.227	53.365	54.326	256.546
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	36.944	-	36.944	48.617	33.067	30.227	53.365	54.326	256.546
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: This Operational, Safety and Improvement Program (OSIP) will cover associated Automated Maintenance Environment (AME), software licenses, data rights, and technical publication updates including F/ A-18 A-D, E/F and EA-18G Integrated Electronic Technical Manuals (IETMs). FA-18 and EA-18G Weapon engineering, Interim flight clearances, Naval Aviation Technical Information Product (NATIP) and Naval Air Training and Operating Procedures Standardization (NATOPS) (WINN) permanent flight clearance products: This OSIP is required to provide updated/modified data for F/A-18 and EA-18G aircrew (user's manuals, pocket guides, safety-of-flight envelopes and tactical /non-tactical system employment envelopes) associated with approved aircraft engineering changes and other actions that update/enhance aircraft operational capabilities. WINN tactical employment data developed and distributed via NATIP are mandated by Office of the Chief of Naval Operations Instructions (OPNAVINST) 3510.15. WINN non-tactical employment data developed and distributed via NATOPS are mandated by OPNAVINST 3710. This OSIP will also provide continued Information Assurance (IA) compliance for F/A-18 A-F and EA-18G systems by updating certification and accreditation (C&A) documentation, Information Assurance Vulnerability Alerts implementation, and future IA mandates in order to maintain the Authority to Operate for all F/A-18 A-F and EA-18G systems that require C&A approval.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: F/A-18A-D, E/F and G NATIP: Class and unclass product development expected to be complete by end FY14 (A-D & E/F) EA-18G end FY15/16, Updates to published class/unclass chapters are increasing as additional chapters are fielded. F/A-18 and EA-18G NATOPS: Development is complete and updates ongoing. The C&A status of AME Top Tier and F-18 AME (FAME) 1.0 is as follows: AME United States Navy Top Tier has been granted an Authority to Operate (ATO) until March 2015. FAME 1.0 United States Marine Corps has been granted an ATO until April 2013. FAME 1.0 United States Navy has been granted an ATO until May 2013.												
AIS efforts are realigned from OSIP 23-04 to OSIP 18-14 beginning in FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy			Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 19 - Automated Information Systems (AIS) (OSIP 018-14)	
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Safety	Related RDT&E PEs:	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 19 - Automated Information Systems (AIS) (OSIP 018-14)				
Models of Systems Affected: F/A-18A-F and EA-18G				Type Modification: Safety				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Automated Information Systems (AIS) (OSIP 018-14)												
B Kits												
Recurring												
2.1.1) Information Assurance (IA) - Organic ⁽⁷²⁾	- / -	- / -	- / -	- / 3.526	- / -	- / 3.526	- / 14.924	- / 4.193	- / 3.169	- / 25.833	- / 26.298	- / 77.943
2.1.2) Automated Maintenance Environment (AME) S/ W - Organic	- / -	- / -	- / -	- / 3.641	- / -	- / 3.641	- / 3.707	- / 3.773	- / 3.841	- / 3.910	- / 3.981	- / 22.853
2.1.3) Interactive Electronic Technical Manuals (IETMs) S/W - Organic	- / -	- / -	- / -	- / 9.774	- / -	- / 9.774	- / 9.950	- / 10.129	- / 10.311	- / 10.497	- / 10.686	- / 61.347
Subtotal Recurring	- / -	- / -	- / -	- / 16.941	- / -	- / 16.941	- / 28.581	- / 18.095	- / 17.321	- / 40.240	- / 40.965	- / 162.143
Total, Automated Information Systems (AIS) (OSIP 018-14)	- / -	- / -	- / -	- / 16.941	- / -	- / 16.941	- / 28.581	- / 18.095	- / 17.321	- / 40.240	- / 40.965	- / 162.143
Total Procurement, All Modifications	- / -	- / -	- / -	- / 16.941	- / -	- / 16.941	- / 28.581	- / 18.095	- / 17.321	- / 40.240	- / 40.965	- / 162.143
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data ⁽⁷³⁾	- / -	- / -	- / -	- / 13.773	- / -	- / 13.773	- / 14.021	- / 8.813	- / 6.660	- / 6.780	- / 6.902	- / 56.949
3.3) Training Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	- / 0.102	- / 0.104	- / 0.105	- / 0.107	- / 0.518
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / -	- / -	- / -	- / 0.420	- / -	- / 0.420	- / -	- / 0.036	- / 0.013	- / -	- / -	- / 0.469
3.6) Other Support	- / -	- / -	- / -	- / 5.810	- / -	- / 5.810	- / 5.915	- / 6.021	- / 6.129	- / 6.240	- / 6.352	- / 36.467
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	20.003	-	20.003	20.036	14.972	12.906	13.125	13.361	94.403
Total Procurement and Support	0.000	-	-	36.944	-	36.944	48.617	33.067	30.227	53.365	54.326	256.546
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	-	-	36.944	-	36.944	48.617	33.067	30.227	53.365	54.326	256.546

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 19 - Automated Information Systems (AIS) (OSIP 018-14)	
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Safety			Related RDT&E PEs:	
Manufacturer Information: Automated Information Systems (AIS) (OSIP 018-14)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Footnotes:							
(72) Modifications and upgrades are required for systems every three years to maintain certification and accreditation which provides the Authority to operate the systems. As a result, funding increases significantly in FY15 and FY18. (73) FY13 and FY14 include funding for FAME 2.0, which is planned to be the last major software release and implementation of Automated Maintenance Environment (AME). Funding ramps down in FY16 and out for updates and revisions as required.							
Installation: Automated Information Systems (AIS) (OSIP 018-14)			Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 20 - F/A-18E/F and EA-18G SLEP (OSIP 020-14)			

Models of Systems Affected: F/A-18E/F and EA-18G				Type Modification: SAFETY / LIFE EXTENSION				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	10.001	-	10.001	12.000	12.001	12.000	14.000	1,031.797	1,091.799
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	10.001	-	10.001	12.000	12.001	12.000	14.000	1,031.797	1,091.799
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	10.001	-	10.001	12.000	12.001	12.000	14.000	1,031.797	1,091.799
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Incorporation of structural and sub-systems enhancements and changes are required to extend the service life of the F/A-18E/F and EA-18G aircraft to achieve Chief of Naval Operations inventory requirements. Enhancements and changes include discrepancies identified as a result of Service Life Assessment Program (SLAP) analysis and in-service experience. These enhancements and changes include: modifications to allow the entire airframe and aircraft sub-systems to extend flight hours, and modifications to ensure landing gear, catapult and attachment components can extend total takeoffs and landings. The unacceptable alternative to retrofitting would be to not correct the structural defects discovered on fatigue test articles and to remove aircraft from service upon reaching their current service life limit.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Subsystem SLAP analysis delivers dispositions in FY13 and transitions to Service Life Extension Program (SLEP) in FY14. Subsystem SLEP will develop those component dispositions into engineering change proposals (ECPs) to extend the service life of the Super Hornet Subsystems. Non-Recurring Engineering (NRE) to develop ECPs to extend subsystems life will begin in FY14.

Structures SLAP delivers the analysis to extend the life of the structures at various stages allowing the transition to SLEP to begin prior to SLAP completing. NRE to develop ECPs to extend mainly Block 1 Super Hornets will begin in FY16. NRE to develop ECPs to extend Block 2 Super Hornets begins in FY17.

Kits are delivered in September and installs begin in October for all ECPs.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (Modification Number - Modification Title): 20 - F/A-18E/F and EA-18G SLEP (OSIP 020-14)					
Models of Systems Affected: F/A-18E/F and EA-18G				Type Modification: SAFETY / LIFE EXTENSION				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
F/A-18E/F and EA-18G SLEP (OSIP 020-14)													
A Kits													
Recurring													
1.1.1) ECP-XXX1: Hydraulic systems - AFC-XXX - NonOrganic	- / -	- / -	- / -	4 / 0.090	- / -	4 / 0.090	6 / 0.138	6 / 0.141	7 / 0.167	7 / 0.171	410 / 10.202	440 / 10.909	
1.1.2) ECP-XXX2: Landing Gear Systems - AFC-XXX - NonOrganic	- / -	- / -	- / -	4 / 0.090	- / -	4 / 0.090	6 / 0.138	6 / 0.141	7 / 0.167	7 / 0.171	410 / 10.202	440 / 10.909	
1.1.3) ECP-XXX3: Fuel Delivery Systems - AFC-XXX - NonOrganic	- / -	- / -	- / -	4 / 0.090	- / -	4 / 0.090	6 / 0.138	6 / 0.141	7 / 0.167	7 / 0.171	410 / 10.202	440 / 10.909	
1.1.4) ECP-XXX4: Environmental Control Systems - AFC-XXX - NonOrganic	- / -	- / -	- / -	4 / 0.090	- / -	4 / 0.090	6 / 0.138	6 / 0.141	7 / 0.167	7 / 0.171	410 / 10.202	440 / 10.909	
1.1.5) ECP-XXX5: Mechanical Systems - AFC-XXX - NonOrganic	- / -	- / -	- / -	4 / 0.090	- / -	4 / 0.090	6 / 0.138	6 / 0.141	7 / 0.167	7 / 0.171	410 / 10.202	440 / 10.909	
1.1.6) ECP-XXX6: Block 1 Forward Fuselage - AFC-XXX - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.090	6 / 0.138	6 / 0.141	410 / 10.202	426 / 10.571	
1.1.7) ECP-XXX7: Block 2 Forward Fuselage - AFC-XXX - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.090	6 / 0.138	410 / 10.202	420 / 10.430	
1.1.8) ECP-XXX8: Flight Controls - AFC-XXX - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.296	6 / 0.453	410 / 35.172	420 / 35.921	
1.1.9) ECP-XXX9: CRI Outer Wing - AFC-XXX - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.072	6 / 0.108	410 / 8.555	420 / 8.735	
1.1.10) ECP-XX10: Center Fuselage - AFC-XXX - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.400	6 / 0.612	412 / 95.524	422 / 96.536	
1.1.11) ECP-XX11: AFT Fuselage - AFC-XXX - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.240	6 / 0.367	6 / 0.375	412 / 57.315	428 / 58.297	
1.1.12) ECP-XX12: Vertical Tail - AFC-XXX - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.050	6 / 0.077	6 / 0.078	412 / 11.941	428 / 12.146	
Subtotal Recurring	- / -	- / -	- / -	20 / 0.450	- / -	20 / 0.450	30 / 0.690	42 / 1.085	69 / 2.275	77 / 2.760	4,926 / 279.921	5,164 / 287.181	
Non-Recurring													
1.2.1) Installation Kit N/R - Organic	- / -	- / -	- / -	- / 8.295	- / -	- / 8.295	- / 8.445	- / 8.064	- / 5.289	- / 1.899	- / -	- / 31.992	
Subtotal Non-Recurring	- / -	- / -	- / -	- / 8.295	- / -	- / 8.295	- / 8.445	- / 8.064	- / 5.289	- / 1.899	- / -	- / 31.992	
Total, F/A-18E/F and EA-18G SLEP (OSIP 020-14)	- / -	- / -	- / -	20 / 8.745	- / -	20 / 8.745	30 / 9.135	42 / 9.149	69 / 7.564	77 / 4.659	4,926 / 279.921	5,164 / 319.173	
Total Procurement, All Modifications	- / -	- / -	- / -	20 / 8.745	- / -	20 / 8.745	30 / 9.135	42 / 9.149	69 / 7.564	77 / 4.659	4,926 / 279.921	5,164 / 319.173	
Support													

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 20 - F/A-18E/F and EA-18G SLEP (OSIP 020-14)				

Models of Systems Affected: F/A-18E/F and EA-18G				Type Modification: SAFETY / LIFE EXTENSION				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.575	- / -	- / -	- / -	- / -	- / 0.575
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / -	- / -	- / -	- / 0.851	- / -	- / 0.851	- / 0.867	- / 0.885	- / 0.901	- / 0.920	- / 4.883	- / 9.307
3.6) Other Support	- / -	- / -	- / -	- / 0.405	- / -	- / 0.405	- / 0.413	- / 0.422	- / 0.430	- / 0.438	- / 2.325	- / 4.433
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	1.256	-	1.256	1.855	1.307	1.331	1.358	7.208	14.315
Total Procurement and Support	0.000	-	-	10.001	-	10.001	10.990	10.456	8.895	6.017	287.129	333.488
F/A-18E/F and EA-18G SLEP (OSIP 020-14) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 1.010	- / 1.545	- / 3.105	- / 7.983	- / 744.668	- / 758.311
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 1.010	- / 1.545	- / 3.105	- / 7.983	- / 744.668	- / 758.311
Total Cost (Procurement + Support + Installation)	0.000	-	-	10.001	-	10.001	12.000	12.001	12.000	14.000	1,031.797	1,091.799

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 20 - F/A-18E/F and EA-18G SLEP (OSIP 020-14)	
Models of Systems Affected: F/A-18E/F and EA-18G			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18E/F and EA-18G SLEP (OSIP 020-14)							
Manufacturer Name: ECP-XXX1: Hydraulic systems - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018
Delivery Dates			Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018
Manufacturer Name: ECP-XXX2: Landing Gear Systems - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018
Delivery Dates			Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018
Manufacturer Name: ECP-XXX3: Fuel Delivery Systems - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018
Delivery Dates			Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018
Manufacturer Name: ECP-XXX4: Environmental Control Systems - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018
Delivery Dates			Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018
Manufacturer Name: ECP-XXX5: Mechanical Systems - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018
Delivery Dates			Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018
Manufacturer Name: ECP-XXX6: Block 1 Forward Fuselage - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 20 - F/A-18E/F and EA-18G SLEP (OSIP 020-14)	
Models of Systems Affected: F/A-18E/F and EA-18G			Type Modification: SAFETY / LIFE EXTENSION			Related RDT&E PEs:	
Manufacturer Information: F/A-18E/F and EA-18G SLEP (OSIP 020-14)							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Jan 2016	Jan 2017	Jan 2018
Delivery Dates					Sep 2016	Sep 2017	Sep 2018
Manufacturer Name: ECP-XXX7: Block 2 Forward Fuselage - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates						Jan 2017	Jan 2018
Delivery Dates						Sep 2017	Sep 2018
Manufacturer Name: ECP-XXX8: Flight Controls - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates						Jan 2017	Jan 2018
Delivery Dates						Sep 2017	Sep 2018
Manufacturer Name: ECP-XXX9: CRI Outer Wing - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates						Jan 2017	Jan 2018
Delivery Dates						Sep 2017	Sep 2018
Manufacturer Name: ECP-XX10: Center Fuselage - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates						Jan 2017	Jan 2018
Delivery Dates						Sep 2017	Sep 2018
Manufacturer Name: ECP-XX11: AFT Fuselage - AFC-XXX				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Jan 2016	Jan 2017	Jan 2018

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 20 - F/A-18E/F and EA-18G SLEP (OSIP 020-14)																							
Models of Systems Affected: F/A-18E/F and EA-18G				Type Modification: SAFETY / LIFE EXTENSION				Related RDT&E PEs:																							
Manufacturer Information: F/A-18E/F and EA-18G SLEP (OSIP 020-14)																															
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Delivery Dates										Sep 2016		Sep 2017		Sep 2018																	
Manufacturer Name: ECP-XX12: Vertical Tail - AFC-XXX								Manufacturer Location: N/A																							
Administrative Leadtime (<i>in Months</i>): 4								Production Leadtime (<i>in Months</i>): 8																							
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates										Jan 2016		Jan 2017		Jan 2018																	
Delivery Dates										Sep 2016		Sep 2017		Sep 2018																	
Installation: F/A-18E/F and EA-18G SLEP (OSIP 020-14)				Method of Implementation: Depot				Installation Name: SLEP Installs																							
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.010	- / -	- / -	- / -	- / -	20 / 1.010																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 1.545	- / -	- / -	- / -	30 / 1.545																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 3.105	- / -	- / -	42 / 3.105																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	69 / 7.983	- / -	69 / 7.983																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	77 / 11.045	77 / 11.045																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,926 / 733.623	4,926 / 733.623																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.010	30 / 1.545	42 / 3.105	69 / 7.983	5,003 / 744.668	5,164 / 758.311																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	-	-	15	15	-	-	21	21	-	-	37	32	-	-	5,003	5,164
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	-	-	15	15	-	-	21	21	-	-	37	32	-	-	5,003	5,164

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 21 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	260.248	-	-	-	-	-	-	-	-	-	-	260.248
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	260.248	-	-	-	-	-	-	-	-	-	-	260.248
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	260.248	-	-	-	-	-	-	-	-	-	-	260.248
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 21 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
N/A													
Total, N/A	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Support													
3.1) Inactive OSIPs	- / 260.248	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 260.248	
Total Support, All Modifications	260.248	-	-	-	-	-	-	-	-	-	-	260.248	
Total Procurement and Support	260.248	-	-	-	-	-	-	-	-	-	-	260.248	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	260.248	-	-	-	-	-	-	-	-	-	-	260.248	

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 21 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:			
Manufacturer Information: N/A											
Manufacturer Name: N/A						Manufacturer Location: N/A					
Administrative Leadtime (<i>in Months</i>):						Production Leadtime (<i>in Months</i>):					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018				
Contract Dates											
Delivery Dates											
Installation: N/A				Method of Implementation: Support Only Installation				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0526 - H-46 Series						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:					
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)	697.329	21.584	2.343	2.127	-	2.127	1.629	1.284	0.070	0.035	-	726.401	
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (<i>\$ in Millions</i>)	697.329	21.584	2.343	2.127	-	2.127	1.629	1.284	0.070	0.035	-	726.401	
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (<i>\$ in Millions</i>)	697.329	21.584	2.343	2.127	-	2.127	1.629	1.284	0.070	0.035	-	726.401	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line item funds modifications to the H-46 aircraft. The H-46 is a twin-turbine powered dual-piloted tandem-rotor helicopter. The cabin contains provisions for accommodating 25 troops and crew members. The cabin also contains an integral cargo and rescue system. The overall goal of the modification budget in FY 2014 is to keep the H-46 a viable platform until a replacement aircraft can be fielded. H-46 helicopters are used by the Marine Corps for troop transport and search and rescue missions. United States Marine Corps inventory: total (83) aircrafts: (66) CH-46E active + (4) HH-46E active + (13) CH-46E reserve aircrafts. Average age of aircraft (as of December 2011) is currently 43 years (or 10,980 hours). Original design service life was 10,000 hours. It was subsequently extended to 12,500 hours on 18 December 1992 and to 15,000 hours on 16 February 1996. Aircraft can continue to be flown past 15,000 flight hours on an average age exploration program.													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - H-46 SAFETY (025-97)	P3A				81.286			0.896			0.050			-			-			-
2 - H-46 GASSP (018-07)	P3A				163.307			20.440			2.293			2.127			-			2.127
3 - H-46 AVIONICS UPGRADE (017-08)	P3A				66.993			0.248			-			-			-			-
4 - INACTIVE OSIPS	P3A				385.743			-			-			-			-			-
Total Gross/Weapon System Cost					697.329			21.584			2.343			2.127			-			2.127

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0526 - H-46 Series										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - H-46 SAFETY (025-97)	P3A			-			-			-			-			-				82.232	
2 - H-46 GASSP (018-07)	P3A			1.629			1.284			0.070			0.035			-				191.185	
3 - H-46 AVIONICS UPGRADE (017-08)	P3A			-			-			-			-			-				67.241	
4 - INACTIVE OSIPS	P3A			-			-			-			-			-				385.743	
Total Gross/Weapon System Cost				1.629			1.284			0.070			0.035			-				726.401	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - H-46 SAFETY (025-97)				
Models of Systems Affected: H-46 SERIES H-46 SERIES			Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	81.286	0.896	0.050	-	-	-	-	-	-	-	-	82.232
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	81.286	0.896	0.050	-	-	-	-	-	-	-	-	82.232
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	81.286	0.896	0.050	-	-	-	-	-	-	-	-	82.232
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: The Safety Improvement Program was directed by Chief of Naval Operations letter 7100 serial N880F/7U660758 dated 10 January 97, and approved as an Abbreviated Acquisition Program by the Program Executive Officer on 24 October 97. This program contains the following Engineering Change Proposals (ECP): Current Active Modifications: 1. HH-46E SEARCH AND RESCUE (SAR) CONVERSION: All Navy H-46Ds have been retired leaving the Marine Corp as the sole operator of the H-46D Type-Model-Series (TMS). The high flight hours on the HH-46D airframes, poor engine reliability and obsolescence issues make this aircraft difficult and expensive to operate and maintain. This ECP will convert 4 CH-46E helicopters to the HH-46E configuration to perform the SAR mission, and will permit retirement of the H-46D TMS. 2. Blue Force Tracker (BFT): Identifies location of friendly forces of all services both ground and air, also provides a limited long range communication capability. BFT displays this information on a moving map display in the cockpit. Installs provisions on 154 aircraft and buys 61 mission kits for deploying aircraft. [Install Equipment - BFT Ship Integration] BFT is a stand-alone Situational Awareness (SA) transceiver system employed on United States Marine Corps (USMC) aircraft and vehicles, and in their associated command posts. This system provides the Marine Expeditionary Unit and H-46 Squadron Commanders a tactical/operational picture, and enhanced SA in their command post. When their command post is afloat, BFT installed aboard ship provides the Commander and Staff the ability to command and control (C2) forces from ship to objective movement. The BFT improves USMC aircrew and passengers survivability against hostile threats by upgrading the threat detection ability, reducing vulnerability by communicating aircraft position to deconflict with friendly forces in the Area of Operations. This capability is currently being integrated aboard (11) Navy amphibious assault ships (9 - Landing Helicopter Docks, 1 - Landing Platform Dock and 1 - Landing Ship Dock). These installs are non-permanent changes or temporary installs that will remain in place until replaced by BFT 2. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Current Active Modifications: 1. HH-46E SEARCH AND RESCUE (SAR) CONVERSION: This upgrade is complete.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-46 SAFETY (025-97)
Models of Systems Affected: H-46 SERIES H-46 SERIES	Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)	Related RDT&E PEs:
2. BLUE FORCE TRACKER: Completing nonrecurring installations on ships. Integrating capability on aircraft continuing firmware/software upgrades. ARCHIVE Modifications: 1. UTILITY HYDRAULIC SYSTEM REDESIGN: This upgrade is complete. 2. LOWER DUAL BOOST ACTUATOR: This upgrade is complete. 3. NVG COMPATIBLE COCKPIT DOME LIGHT: This upgrade is complete. 4. T58-16/402 RUNNING ENGINE WASH: This upgrade is complete. 5. SLIDING RESCUE HATCH (HELL HOLE DOOR): This upgrade is complete. 6. ALQ-157 INFRARED COUNTERMEASURES (IRCM): This upgrade is complete. 7. AN/ALE-47 COUNTERMEASURES DISPENSING SYSTEM (CMDS): This ECP was approved 26 Feb 2004. This upgrade is complete. 8. AN/AAR-47(V)2 MISSILE WARNING SET INSTALLATION: This ECP was approved 26 Feb 2004. This upgrade is complete. 9. ALE-47 Expendable PODs: This upgrade is complete. 10. CDNU: The CDNU update was cancelled when it was discovered that integration would have taken an extended period of time due to the complexity of the hardware and software design. Based on the total number of helicopters available for the installation and Five Year Rule considerations, it was decided that this program was no longer cost effective.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - H-46 SAFETY (025-97)					
Models of Systems Affected: H-46 SERIES H-46 SERIES			Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-46 SAFETY (025-97)													
A Kits													
Recurring													
1.1.1) A Kits Blue Force Tracker - Organic	154 / 2.170	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	154 / 2.170	
1.1.2) HH-46E Search and Rescue (SAR) - NonOrganic	7 / 0.635	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.635	
1.1.3) Mission Kits Blue Force Tracker - Organic	271 / 3.263	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	271 / 3.263	
1.1.4) Tactical Operating Center Kits - Organic	130 / 0.449	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	130 / 0.449	
1.1.5) Tactical Operating Center Kits (OCO) - Organic	10 / 0.382	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.382	
1.1.6) Archived ECPs Non-Organic - Organic	3,247 / 38.141	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,247 / 38.141	
1.1.7) Prior Year Installation Cost - Organic	1,676 / 14.960	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,676 / 14.960	
Subtotal Recurring	5,495 / 60.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,495 / 60.000	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 3.760	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.760	
Subtotal Non-Recurring	- / 3.760	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.760	
B Kits													
Recurring													
2.1.1) Install Equipment - BFT Ship Integration - NonOrganic ⁽¹⁾	4 / 0.052	7 / 0.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.259	
Subtotal Recurring	4 / 0.052	7 / 0.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.259	
Non-Recurring													
2.2.1) ECO MOD/ALQ-157 - Organic	- / 0.709	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.709	
2.2.2) ECO NRE/NAVICP/ALQ-157 - Organic	- / 0.815	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.815	
Subtotal Non-Recurring	- / 1.524	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.524	
Total, H-46 SAFETY (025-97)	5,499 / 65.336	7 / 0.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,506 / 65.543	
Total Procurement, All Modifications	5,499 / 65.336	7 / 0.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,506 / 65.543	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.886	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.886	
3.3) Training Equipment	10 / 0.141	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.141	
3.4) Support Equipment	- / 0.405	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.405	

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0526 - H-46 Series		Modification Nomenclature (Modification Number - Modification Title): 1 - H-46 SAFETY (025-97)	
Models of Systems Affected: H-46 SERIES H-46 SERIES		Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)		Related RDT&E PEs:	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.5) ILS	- / 1.172	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.172
3.6) Other Support ⁽²⁾	- / 12.840	- / 0.388	- / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.278
3.7) Other Support OCO	- / 0.080	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.080
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	15.524	0.388	0.050	-	-	-	-	-	-	-	-	15.962
Total Procurement and Support	80.860	0.595	0.050	-	-	-	-	-	-	-	-	81.505
H-46 SAFETY (025-97) Installation Cost	- / 0.426	- / 0.301	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.727
Total Installation Cost	- / 0.426	- / 0.301	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.727
Total Cost (Procurement + Support + Installation)	81.286	0.896	0.050	-	-	-	-	-	-	-	-	82.232

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0526 - H-46 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-46 SAFETY (025-97)											
Models of Systems Affected: H-46 SERIES H-46 SERIES										Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)										Related RDT&E PEs:											
Manufacturer Information: H-46 SAFETY (025-97)																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 0													Production Leadtime (<i>in Months</i>): 0																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: H-46 SAFETY (025-97)										Method of Implementation: Depot										Installation Name: HH-46E Search and Rescue (SAR)											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		6 / 0.309		1 / 0.011		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 0.320					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		6 / 0.309		1 / 0.011		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 0.320					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Out	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-46 SAFETY (025-97)			
Models of Systems Affected: H-46 SERIES H-46 SERIES				Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)				Related RDT&E PEs:			

Installation: H-46 SAFETY (025-97)				Method of Implementation: NORFOLK NAVAL SHIPYARD				Installation Name: Install Equipment - BFT Ship Integration				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	2 / 0.117	2 / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.157
FY 2012	- / -	1 / 0.250	6 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.250
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 0.117	3 / 0.290	6 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.407

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2	1	-	1	1	1	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	
Out	2	1	-	1	1	1	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	

Installation: H-46 SAFETY (025-97)				Method of Implementation: Organic - A Kits Blue Force Tracker				Installation Quantity: 154			
Installation: H-46 SAFETY (025-97)				Method of Implementation: Not Installed - Mission Kits Blue Force Tracker				Installation Quantity: 271			
Installation: H-46 SAFETY (025-97)				Method of Implementation: Not Installed - Tactical Operating Center Kits				Installation Quantity: 130			
Installation: H-46 SAFETY (025-97)				Method of Implementation: Not Installed - Tactical Operating Center Kits (OCO)				Installation Quantity: 10			

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-46 SAFETY (025-97)
Models of Systems Affected: H-46 SERIES H-46 SERIES	Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)	Related RDT&E PEs:
Installation: H-46 SAFETY (025-97)	Method of Implementation: Not Installed - Archived ECPs Non-Organic	Installation Quantity: 3247
Installation: H-46 SAFETY (025-97)	Method of Implementation: Not Installed - Prior Year Installation Cost	Installation Quantity: 1676
Installation: H-46 SAFETY (025-97)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 10
Footnotes: (1) BFT Ship Integration Install Schedule: Quantity of (11) kits procured: (4 kits with prior year funds and 7 kits with FY12 funds). Installation: 11 Kits: 2-FY11, 3-FY12, 6-FY13. (2) Other Support cost in FY13 are required for BFT Ship Integration		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - H-46 GASSP (018-07)				
Models of Systems Affected: H-46 Series			Type Modification: SAFETY (HONA Category A)				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	163.307	20.440	2.293	2.127	-	2.127	1.629	1.284	0.070	0.035	-	191.185
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	163.307	20.440	2.293	2.127	-	2.127	1.629	1.284	0.070	0.035	-	191.185
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	163.307	20.440	2.293	2.127	-	2.127	1.629	1.284	0.070	0.035	-	191.185
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
Provides targeted initiatives to remedy the top age-related safety and reliability issues engineered to address the heavy wear-and-tear effects of high-tempo Overseas Contingency Operations (400% of planned utilization rate) on CH-46 airframes and subsystems in order to ensure safe, reliable and effective aircraft operation throughout the United States Marine Corps Medium Lift transition period.												
This Operational, Safety and Improvement Program will execute multiple Engineering Change Packages (ECPs), grouped in three sequential Block upgrades (A, B, and C). Elements within each Block upgrade have been grouped by similar complexities and lead times.												
Specific ECPs:												
1. Redesign and modernize wiring harnesses in airframe areas subject to high levels of heat, sand contamination and/or vibration.												
2. Redesign and modernize hydraulics subsystems using common or Commercial Off The Shelf (COTS) components.												
3. Redesign and improve portions of airframe structure subject to high levels of fatigue, corrosion and other stress.												
4. Improve and modernize critical avionics, Aircraft Survival Equipment and other aircraft systems to resolve obsolescence, reliability or safety issues using common, previously qualified or COTS solutions.												
5. Improve rotorhead bearing and seal liners in order to eliminate chrome plating in the overhaul process.												
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:												
Block A: This upgrade is complete.												
Block B and C: Installation of Block B & C (concurrent) is on going. Estimated completion date for all installations is FY13.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0526 - H-46 Series					Modification Nomenclature (Modification Number - Modification Title): 2 - H-46 GASSP (018-07)				
Models of Systems Affected: H-46 Series			Type Modification: SAFETY (HONA Category A)					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-46 GASSP (018-07)													
A Kits													
Recurring													
1.1.1) GASSP Block A (A-Kit) - NonOrganic ⁽³⁾	371 / 13.356	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	371 / 13.356	
1.1.2) GASSP Block B (A-Kit) - NonOrganic ⁽⁴⁾	146 / 4.645	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	146 / 4.645	
1.1.3) GASSP Block C (A-Kit) - NonOrganic ⁽⁵⁾	259 / 24.556	9 / 0.897	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	268 / 25.453	
1.1.4) GASSP Kits (IMP Mod) - NonOrganic ⁽⁶⁾	190 / 5.492	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	190 / 5.492	
Subtotal Recurring	966 / 48.049	9 / 0.897	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	975 / 48.946	
Non-Recurring													
1.2.1) NRE - Organic	- / 6.582	- / -	- / 0.710	- / 0.250	- / -	- / 0.250	- / -	- / -	- / -	- / -	- / -	- / 7.542	
Subtotal Non-Recurring	- / 6.582	- / -	- / 0.710	- / 0.250	- / -	- / 0.250	- / -	- / -	- / -	- / -	- / -	- / 7.542	
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic ⁽⁷⁾	6,169 / 46.010	2,696 / 7.599	1,100 / 0.750	1,290 / 0.900	- / -	1,290 / 0.900	1,240 / 0.800	860 / 0.600	- / -	- / -	- / -	13,355 / 56.659	
Subtotal Recurring	6,169 / 46.010	2,696 / 7.599	1,100 / 0.750	1,290 / 0.900	- / -	1,290 / 0.900	1,240 / 0.800	860 / 0.600	- / -	- / -	- / -	13,355 / 56.659	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	1 / 10.952	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 10.952	
Subtotal Non-Recurring	1 / 10.952	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 10.952	
Total, H-46 GASSP (018-07)	7,136 / 111.593	2,705 / 8.496	1,100 / 1.460	1,290 / 1.150	- / -	1,290 / 1.150	1,240 / 0.800	860 / 0.600	- / -	- / -	- / -	14,331 / 124.099	
Total Procurement, All Modifications	7,136 / 111.593	2,705 / 8.496	1,100 / 1.460	1,290 / 1.150	- / -	1,290 / 1.150	1,240 / 0.800	860 / 0.600	- / -	- / -	- / -	14,331 / 124.099	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 1.319	- / 0.396	- / 0.183	- / 0.182	- / -	- / 0.182	- / 0.282	- / 0.150	- / -	- / -	- / -	- / 2.512	
3.3) Training Equipment ⁽⁸⁾	8 / 0.492	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.492	
3.4) Support Equipment	- / 7.766	- / 1.329	- / 0.350	- / 0.250	- / -	- / 0.250	- / -	- / -	- / -	- / -	- / -	- / 9.695	
3.5) ILS	- / 2.104	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.104	
3.6) Other Support ⁽⁹⁾	- / 27.160	- / 6.810	- / 0.300	- / 0.545	- / -	- / 0.545	- / 0.547	- / 0.534	- / 0.070	- / 0.035	- / -	- / 36.001	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0526 - H-46 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - H-46 GASSP (018-07)											
Models of Systems Affected: H-46 Series										Type Modification: SAFETY (HONA Category A)										Related RDT&E PEs:											
Manufacturer Information: H-46 GASSP (018-07)																															
Manufacturer Name: Block C Mfg - PIF													Manufacturer Location: Huntsville, Alabama																		
Administrative Leadtime (<i>in Months</i>): 5													Production Leadtime (<i>in Months</i>): 1																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Feb 2012																													
Delivery Dates		Mar 2012																													
Installation: H-46 GASSP (018-07)										Method of Implementation: Contractor FMT & Concurrent with Depot Level Maintenance										Installation Name: GASSP Block A (A-Kit)											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		362 / 5.044	12 / 0.337		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		374 / 5.381								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		362 / 5.044	12 / 0.337		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		374 / 5.381								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	362	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	362	-	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

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LI 0526 - H-46 Series
Navy

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0526 - H-46 Series					Modification Nomenclature (Modification Number - Modification Title): 2 - H-46 GASSP (018-07)					

Models of Systems Affected: H-46 Series				Type Modification: SAFETY (HONA Category A)				Related RDT&E PEs:							

Installation: H-46 GASSP (018-07)			Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance					Installation Name: GASSP Block C (A-Kit)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	137 / 4.703	127 / 2.190	8 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	272 / 6.893

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	137	31	32	32	32	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	272	
Out	86	51	31	32	32	32	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	272	

Installation: H-46 GASSP (018-07)			Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance					Installation Name: GASSP Kits (IMP Mod)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	120 / 1.771	14 / 0.794	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	134 / 2.565
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	120 / 1.771	14 / 0.794	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	134 / 2.565

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0526 - H-46 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - H-46 GASSP (018-07)									
Models of Systems Affected: H-46 Series										Type Modification: SAFETY (HONA Category A)										Related RDT&E PEs:											
Installation: H-46 GASSP (018-07)										Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance										Installation Name: GASSP Kits (IMP Mod)											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	120	3	4	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	134
Out	117	3	3	4	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	134
Installation: H-46 GASSP (018-07)																															
										Method of Implementation: Organic - Installation Equipment										Installation Quantity: 13355											
Installation: H-46 GASSP (018-07)																															
										Method of Implementation: Organic - Installation Equipment N/R										Installation Quantity: 1											
Installation: H-46 GASSP (018-07)																															
										Method of Implementation: Not Installed - Training Equipment										Installation Quantity: 8											
Footnotes:																															
(3) Block A Install Schedule: Qty of 374 GASSP Block A Installs = 119 each shipset + 1 trainer for Wire Strike Protection System (WSPS), 126 each shipset + 1 trainer for Electrical Hydraulic Pump (EHP) and 126 each shipset + 1 trainer for Electrical Block Upgrade. The 3 trainer kits were bought under Training Equipment.																															
(4) Block B Install Schedule: Qty of 79 GASSP Block B Installs for AIMS enhancements with HTA + Qty of 68 Block B FY 2011 GASSP installs funded with FY 2009 OCO supplemental funding = 146 each shipset + 1 trainer (prior year, procured under Training Equipment)																															
(5) Block C Install Schedule: Qty of 272 GASSP Block C Installs = 58 each shipset for MDP & OH (+ 1 trainer), 93 each shipset for VOR/ILS (+1 trainer), 59 each shipset for ICS (+1 trainer), and 58 each shipset (+1 trainer) for PTU. Qty of 34 Block C FY 2011 GASSP installs funded with FY 2009 OCO supplemental funding. The 4 trainer kits were procured under Training Equipment.																															
(6) IMP Install Schedule: Qty of (190) kits bought with Supplemental funds in Prior Years. Qty of 134 Install Equipment = 71 each shipset + 1 trainer for Sync Shaft Fairings, 62 each shipset for APU Deck Upgrades. Remaining kits no longer required and will be taken apart and moved to supply.																															
(7) It has been determined that Depot level processing of Rotorheads (plating process) has caused cracks in stainless steel components. FY13 submission included NRE funding to qualify new rotorhead bearings and liners which will eliminate the need for plating of susceptible rotorhead components. FY14 baseline funding includes the procurement of new design liners and bearings. Installations will be accomplished concurrent with rotorhead Depot level overhaul/repair.																															
(8) 8 trainers consist of (3) for Block A; (1) for Block B and (4) for Block C Block A - (1) WSPS; (1) EHP and (1) Electrical Block Upgrade Block B - (1) AIMS Enhancement with HTA Block C - (1) MDP & OH; (1) VOR/ILS; (1) ICS and (1) PTU																															
(9) It has been determined that Depot level processing of Rotorheads (plating process) has caused cracks in stainless steel components. The additional FY14 other support baseline funding is needed to support Rotorhead requirement.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0526 - H-46 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-46 AVIONICS UPGRADE (017-08)			
Models of Systems Affected: H-46 SERIES			Type Modification: CH-46 AVIONICS UPGRADE PROGRAM (OSIP 017-08)					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	66.993	0.248	-	-	-	-	-	-	-	-	-	67.241
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	66.993	0.248	-	-	-	-	-	-	-	-	-	67.241
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	66.993	0.248	-	-	-	-	-	-	-	-	-	67.241
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION / JUSTIFICATION: The CH-46E has multiple avionics systems that are in need of upgrade. These systems include the cockpit information displays, the onboard navigation and communication systems and their perspective controls, the instrument flight required situational awareness systems and their associated displays and the survivability systems controls and displays. LONG RANGE COMM: CH-46E aircraft perform missions over a wide area where they are outside of Line-Of-Sight (LOS) communication range. Mission changes, threat changes, and emergencies require that the crew have ability to communicate over long distances. Long Range Communication Integration provides over the horizon communication capability and mission flexibility. Funds for 50 mission kits of Advanced Long Range Communication System for installation in deployed CH-46E helicopters operating in support of GWOT from land bases and Marine Expeditionary Units amphibious shipping. One operational trainer will receive a partial install. LAIRCM: Large Aircraft Infrared Counter Measure program (LAIRCM) meets an urgent requirement to improve the survivability of the CH-46E helicopter against infrared guided surface-to-air missiles. LAIRCM is a high-power directional infrared (IR) jammer. It is designed to defeat a wide range of infrared heat seeking missiles. Missile detection and tracking data is provided to the Signal processor by multi-color infrared sensors. The system includes a transformer-rectifier, an embedded Global Positioning System (GPS) inertial navigation system, 5 infrared missile warning sensors and 2 laser jammers. The system is dependent on GPS reception for precise location information. The GPS signal is protected by an Advanced Digital Antenna Program (ADAP), a GPS anti jam protection system. The systems will be installed on 31 aircraft and 1 trainer. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: LONG RANGE COMM: Preliminary Engineering Design completed May 2010. Preliminary Design Review (PDR) and Critical Design Review (CDR) completed. The equipment contract awarded March 2010 with Rockwell Collins for 3 Validation/Verification kits. Installs began July 2010 and will complete in April 2013.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - H-46 AVIONICS UPGRADE (017-08)
Models of Systems Affected: H-46 SERIES	Type Modification: CH-46 AVIONICS UPGRADE PROGRAM (OSIP 017-08)	Related RDT&E PEs:
LAIRCM: Validation installation complete. Verification installations complete. Recurring installation began July 2010. All 32 installations will be completed in mid FY 2013. All equipment deliveries completed. All aircraft production A-kits complete and delivered. Completion date for all installs is FY13.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0526 - H-46 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - H-46 AVIONICS UPGRADE (017-08)			
Models of Systems Affected: H-46 SERIES			Type Modification: CH-46 AVIONICS UPGRADE PROGRAM (OSIP 017-08)					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
H-46 AVIONICS UPGRADE (017-08)												
A Kits												
Recurring												
1.1.1) ARC-220 - NonOrganic	50 / 1.097	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 1.097
1.1.2) LAIRCM ADAP - NonOrganic	31 / 0.360	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.360
1.1.3) LAIRCM ADAP AE - Organic	31 / 0.545	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.545
1.1.4) LAIRCM ADAP Antenna - Organic	31 / 0.131	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.131
1.1.5) LAIRCM - Organic	128 / 22.325	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	128 / 22.325
1.1.6) LAIRCM Prior Year Installs - Organic	- / 5.217	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.217
Subtotal Recurring	271 / 29.675	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	271 / 29.675
Non-Recurring												
1.2.1) ARC-210 - Organic	- / 0.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.320
1.2.2) ARC-220 - Organic	- / 0.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.280
Subtotal Non-Recurring	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.600
B Kits												
Recurring												
2.1.1) ARC-210 - Organic	3 / 0.713	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.713
2.1.2) ARC-220 - Organic	51 / 2.922	1 / 0.054	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 2.976
2.1.3) LAIRCM - Organic	31 / 0.036	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.036
2.1.4) Heads Up Display (HUD) - Organic	264 / 3.834	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	264 / 3.834
Subtotal Recurring	349 / 7.505	1 / 0.054	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	350 / 7.559
Non-Recurring												
2.2.2) LAIRCM - Organic	- / 5.847	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.847
Subtotal Non-Recurring	- / 5.847	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.847
Total, H-46 AVIONICS UPGRADE (017-08)	620 / 43.627	1 / 0.054	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	621 / 43.681
Total Procurement, All Modifications	620 / 43.627	1 / 0.054	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	621 / 43.681
Support												
3.1) Data	- / 1.617	- / 0.019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.636
3.2) Training Equipment	- / 0.842	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.842
3.3) Support Equipment	- / 1.159	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.159

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0526 - H-46 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-46 AVIONICS UPGRADE (017-08)	
Models of Systems Affected: H-46 SERIES		Type Modification: CH-46 AVIONICS UPGRADE PROGRAM (OSIP 017-08)		Related RDT&E PEs:	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
3.4) ILS	- / 0.125	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.125
3.5) Other Support	- / 18.415	- / 0.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.440
3.6) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	22.158	0.044	-	-	-	-	-	-	-	-	-	22.202
Total Procurement and Support	65.785	0.098	-	-	-	-	-	-	-	-	-	65.883
H-46 AVIONICS UPGRADE (017-08) Installation Cost	- / 1.208	- / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.358
Total Installation Cost	- / 1.208	- / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.358
Total Cost (Procurement + Support + Installation)	66.993	0.248	-	-	-	-	-	-	-	-	-	67.241

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0526 - H-46 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-46 AVIONICS UPGRADE (017-08)	
Models of Systems Affected: H-46 SERIES		Type Modification: CH-46 AVIONICS UPGRADE PROGRAM (OSIP 017-08)		Related RDT&E PEs:	

Manufacturer Information: H-46 AVIONICS UPGRADE (017-08)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: H-46 AVIONICS UPGRADE (017-08)				Method of Implementation: Depot				Installation Name: ARC-220				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	22 / 1.137	28 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 1.137
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	22 / 1.137	28 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 1.137

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	22	7	7	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	
Out	17	5	7	7	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0526 - H-46 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-46 AVIONICS UPGRADE (017-08)	
Models of Systems Affected: H-46 SERIES		Type Modification: CH-46 AVIONICS UPGRADE PROGRAM (OSIP 017-08)			
Related RDT&E PEs:					

Installation: H-46 AVIONICS UPGRADE (017-08)			Method of Implementation: Contractor/Depot					Installation Name: LAIRCM ADAP				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	1 / 0.071	18 / 0.150	12 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.221
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.071	18 / 0.150	12 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.221

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	2	2	8	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	
Out	1	-	2	2	8	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	

Installation: H-46 AVIONICS UPGRADE (017-08)				Method of Implementation: Not Installed - LAIRCM ADAP AE				Installation Quantity: 31			
Installation: H-46 AVIONICS UPGRADE (017-08)				Method of Implementation: Not Installed - LAIRCM ADAP Antenna				Installation Quantity: 31			
Installation: H-46 AVIONICS UPGRADE (017-08)				Method of Implementation: Not Installed - LAIRCM				Installation Quantity: 128			
Installation: H-46 AVIONICS UPGRADE (017-08)				Method of Implementation: Not Installed - ARC-210				Installation Quantity: 3			
Installation: H-46 AVIONICS UPGRADE (017-08)				Method of Implementation: Not Installed - ARC-220				Installation Quantity: 52			
Installation: H-46 AVIONICS UPGRADE (017-08)				Method of Implementation: Not Installed - LAIRCM				Installation Quantity: 31			

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-46 AVIONICS UPGRADE (017-08)
Models of Systems Affected: H-46 SERIES	Type Modification: CH-46 AVIONICS UPGRADE PROGRAM (OSIP 017-08)	Related RDT&E PEs:
Installation: H-46 AVIONICS UPGRADE (017-08)	Method of Implementation: Not Installed - Heads Up Display (HUD)	Installation Quantity: 264

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0526 - H-46 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - INACTIVE OSIPS			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	385.743	-	-	-	-	-	-	-	-	-	-	385.743
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	385.743	-	-	-	-	-	-	-	-	-	-	385.743
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	385.743	-	-	-	-	-	-	-	-	-	-	385.743
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0526 - H-46 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - INACTIVE OSIPS			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
INACTIVE OSIPS													
A Kits													
Recurring													
1.1.1) Inactive OSIP Total - Organic	- / 385.743	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 385.743	
<i>Subtotal Recurring</i>	- / 385.743	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 385.743	
<i>Total, INACTIVE OSIPS</i>	- / 385.743	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 385.743	
<i>Total Procurement, All Modifications</i>	- / 385.743	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 385.743	
Total Procurement and Support	385.743	-	-	-	-	-	-	-	-	-	-	385.743	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	385.743	-	-	-	-	-	-	-	-	-	-	385.743	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0526 - H-46 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - INACTIVE OSIPS	
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:	
Manufacturer Information: INACTIVE OSIPS							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: INACTIVE OSIPS							
Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0527 - AH-1W Series										
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:						Other Related Program Elements:										
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost (<i>\$ in Millions</i>)	628.658	64.494	8.721	-	-	-	-	-	-	-	-	701.873								
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) (<i>\$ in Millions</i>)	628.658	64.494	8.721	-	-	-	-	-	-	-	-	701.873								
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority (<i>\$ in Millions</i>)	628.658	64.494	8.721	-	-	-	-	-	-	-	-	701.873								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line item funds modifications to the AH-1W aircraft. Modifications prior to FY 1997 were funded in the H-1 Series P-1 line item. FY 2014 projected AH-1W quantities are 126. The AH-1W is a tandem-seat, two-place attack helicopter. The mission of the AH-1W attack helicopter is to provide rotary wing close air support, anti-armor, armed escort, armed/visual reconnaissance, survivability enhancements, and fire support under day/night and adverse weather conditions and special operations support; supporting arms coordination and aeromedical evacuation. The armament of the AH-1W includes the Sidewinder, Hellfire, and Tube-launched Optically-tracked Wire-guided missile systems, a chin-mounted 20mm turret gun, and wide variety of forward-firing and gravity-released external stores. H-1 will continue to upgrade the applicable aircraft sensor and avionics systems and subsystems as well as the weapons rocket delivery system which includes the Advance Precision Kill Weapons System. In addition, air vehicle improvements requiring critical reliability enhancements are incorporated. The platform will continue to fulfill the operational requirements to detect, identify, and destroy tactical-sized armored targets with precision guided munitions during the day, at night, and during adverse weather, as well as providing enhanced conventional weapons delivery by utilizing the system's laser ranging and designating system.																				
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - AH-1 A/C & T700 ENG (OSIP 013-00)	P3A				108.339			-			-			-			-			-
2 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)	P3A				0.000			1.559			3.094			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0527 - AH-1W Series									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	P3A				2.999			62.935			2.956			-			-			-
4 - H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)	P3A				0.000			-			2.671			-			-			-
5 - INACTIVE OSIPs	P3A				517.320			-			-			-			-			-
Total Gross/Weapon System Cost					628.658			64.494			8.721			-			-			-

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - AH-1 A/C & T700 ENG (OSIP 013-00)	P3A				-			-			-			-			-			108.339
2 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)	P3A				-			-			-			-			-			4.653
3 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	P3A				-			-			-			-			-			68.890
4 - H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)	P3A				-			-			-			-			-			2.671
5 - INACTIVE OSIPs	P3A				-			-			-			-			-			517.320
Total Gross/Weapon System Cost					-			-			-			-			-			701.873

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY 2014-FY 2017 efforts previously budgeted under Budget Line Item (BLI) 0527 are now budgeted under BLI 0532.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (Modification Number - Modification Title): 1 - AH-1 A/C & T700 ENG (OSIP 013-00)				
Models of Systems Affected: AH-1W			Type Modification: SAFETY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	108.339	-	-	-	-	-	-	-	-	-	-	108.339
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	108.339	-	-	-	-	-	-	-	-	-	-	108.339
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	108.339	-	-	-	-	-	-	-	-	-	-	108.339
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
This program is designed to address safety issues, such as mishap casual factors associated with maintaining an older type model series aircraft. The AH-1W helicopter is powered by two General Electric T700-GE-401 turbo shaft engines which are controlled throughout the normal operating range by the Electrical Control Unit and the Hydro-Mechanical Unit. Safety programs that will be implemented by this Operational, Safety and Improvement Program (OSIP) include, but are not limited to incorporation of crash attenuating seat cushions to reduce the likelihood of back injuries to pilots during hard landings or crashes. Additional aircraft fatigue life issues, including, but not limited to rotor blades, stub wings and tail boom technology, will be investigated to improve performance and mitigate aircraft fatigue. Reduction of cockpit vertigo-inducing problems will include an update to the Cockpit Control System, Blue Force Tracker, and Heads-Up-Display (HUD) upgrades (Helmet Display and Tracker System (HDTs)). Tactile Situation Awareness System, upgraded Transponder, and Tactical Video Data Link (TVDL) will also be implemented via this OSIP. Ground and air collision and avoidance systems are mandates that will be integrated. These systems include, but are not limited to Ground Proximity Warning System, Terrain Awareness Warning System, Mid-Air Conflict Avoidance System, Degraded Visual Environment systems, Obstacles Avoidance System, and Military Flight Operations Quality Assurance. Additional reliability and maintenance upgrades, including replacement of existing Thermal Imaging Recorder with a Digital Video Recorder, and Improved Multi-Function Display Unit will also be incorporated. Additional safety improvements to increase aircrew safety and cockpit organization, such as storage for personal weapons, will be implemented as well as providing enhanced situational awareness and reduced workload through digital updates to existing cockpit capabilities.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: TVDL Developmental Test (DT) commenced 4Q FY 2008 and completed in 1Q FY 2009. Production systems TVDL and HDTs contracts awarded 4Q FY 2009 and 4Q FY 2010. HDTs Critical Design Review completed 3Q FY 2010, Test Readiness Review completed 1Q FY 2011, and DT completed 1QFY11. APX-118 installation occurred on test aircraft in 3Q FY 2010 and 2Q FY 2011. All production TVDL system installations completed 3Q FY 2011.												
Note:												
1. Aviator's Night Vision Imaging System HUD/HDTs Installation Kits (qty 8) from FY11 will complete in OSIP 13-12 FY12.												
2. Remaining FY11 ANVIS HUD/HDTs Installations are accounted for in OSIP 13-12.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - AH-1 A/C & T700 ENG (OSIP 013-00)
Models of Systems Affected: AH-1W	Type Modification: SAFETY	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (Modification Number - Modification Title): 1 - AH-1 A/C & T700 ENG (OSIP 013-00)					
Models of Systems Affected: AH-1W				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AH-1 A/C & T700 ENG (OSIP 013-00)													
A Kits													
Recurring													
1.1.1) AFC XXX DECU Install Kits - NonOrganic	175 / 0.190	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	175 / 0.190	
1.1.2) ANVIS HUD - NonOrganic ⁽¹⁾	10 / 1.718	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.718	
1.1.3) ANVIS HUD (A-FY12 install) - Organic	8 / 0.940	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.940	
1.1.4) CCU - NonOrganic	150 / 5.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 5.000	
1.1.5) DCC XXX 42 & 90 Degree Gearbox - Organic	50 / 0.931	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 0.931	
1.1.6) Tactical Video Data Link - Organic	100 / 2.439	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 2.439	
1.1.7) Tearaway Windscreen Covers - NonOrganic	1 / 0.662	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.662	
Subtotal Recurring	494 / 11.880	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	494 / 11.880	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 0.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.480	
1.2.2) ANVIS HUD - Organic	- / 9.451	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.451	
1.2.4) Tactical Video Data Link - Organic	- / 14.860	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.860	
Subtotal Non-Recurring	- / 24.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.791	
B Kits													
Recurring													
2.1.1) ANVIS HUD - Organic	10 / 4.199	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.199	
2.1.2) ANVIS HUD (B-FY12 procurement) - Organic	8 / 2.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.013	
2.1.4) Flat Panel Display - NonOrganic	1 / 0.061	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.061	
2.1.5) PPC XXX Kits - Organic	392 / 5.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	392 / 5.750	
2.1.6) Tactical Video Data Link - Organic	100 / 5.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 5.225	
Subtotal Recurring	511 / 17.248	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	511 / 17.248	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 16.969	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.969	
Subtotal Non-Recurring	- / 16.969	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.969	
Total, AH-1 A/C & T700 ENG (OSIP 013-00)	1,005 / 70.888	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,005 / 70.888	
Total Procurement, All Modifications	1,005 / 70.888	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,005 / 70.888	
Support													
3.1) Engineering Change Orders	- / 0.242	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.242	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AH-1 A/C & T700 ENG (OSIP 013-00)				

Models of Systems Affected: AH-1W				Type Modification: SAFETY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.2) Data	- / 1.334	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.334
3.3) Training Equipment	- / 1.546	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.546
3.4) Support Equipment	40 / 0.856	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.856
3.5) ILS	- / 3.553	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.553
3.6) Other Support	- / 23.077	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.077
3.7) Interim Contractor Support	- / 0.108	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.108
<i>Total Support, All Modifications</i>	<i>30.716</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>30.716</i>
<i>Total Procurement and Support</i>	<i>101.604</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>101.604</i>
AH-1 A/C & T700 ENG (OSIP 013-00) Installation Cost	- / 6.735	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.735
<i>Total Installation Cost</i>	<i>- / 6.735</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 6.735</i>
Total Cost (Procurement + Support + Installation)	108.339	-	-	-	-	-	-	-	-	-	-	108.339

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0527 - AH-1W Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AH-1 A/C & T700 ENG (OSIP 013-00)											
Models of Systems Affected: AH-1W										Type Modification: SAFETY										Related RDT&E PEs:											
Manufacturer Information: AH-1 A/C & T700 ENG (OSIP 013-00)																															
Manufacturer Name: Various ⁽²⁾															Manufacturer Location: Various																
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 3																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Oct 2011																													
Delivery Dates		Dec 2011																													
Installation: AH-1 A/C & T700 ENG (OSIP 013-00)										Method of Implementation: Contactor Field Mod Team										Installation Name: OSIP 13-00 Various											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		337 / 6.735		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		337 / 6.735					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		337 / 6.735		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		337 / 6.735					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337
Out	268	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337
Installation: AH-1 A/C & T700 ENG (OSIP 013-00)										Method of Implementation: Not Installed - ANVIS HUD (A-FY12 install)										Installation Quantity: 8											
Installation: AH-1 A/C & T700 ENG (OSIP 013-00)										Method of Implementation: Not Installed - DCC XXX 42 & 90 Degree Gearbox										Installation Quantity: 50											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AH-1 A/C & T700 ENG (OSIP 013-00)
Models of Systems Affected: AH-1W	Type Modification: SAFETY	Related RDT&E PEs:
Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - Tactical Video Data Link	Installation Quantity: 100
Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - ANVIS HUD	Installation Quantity: 10
Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - ANVIS HUD (B-FY12 procurement)	Installation Quantity: 8
Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - PPC XXX Kits	Installation Quantity: 392
Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - Tactical Video Data Link	Installation Quantity: 100
Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 40
Footnotes: ⁽¹⁾ ANVIS HUD Installation Kits (qty 8) from FY11 completed in OSIP 13-12 FY12. ⁽²⁾ AFC XXX DECU Installs Kits, ANVIS HUD, CCU, and Tearaway Windscreen Covers		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)				
Models of Systems Affected: AH-1W			Type Modification: CRITICAL RELIABILITY ENHANCEMENTS					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	1.559	3.094	-	-	-	-	-	-	-	-	4.653
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	1.559	3.094	-	-	-	-	-	-	-	-	4.653
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	1.559	3.094	-	-	-	-	-	-	-	-	4.653
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This Operational, Safety, and Improvement Program (OSIP) incorporates a number of cost effective changes to the AH-1W, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process and on the Critical Logistics Review lists in order to improve Ready Based Aircraft and Ready For Tasking rates and reduce the total cost ownership. These improvements are a vital element of the H-1 Upgrades program to significantly enhance the strategy of a more ready, more capable and more survivable H-1 force to accomplish the successful fielding of this new capability to the warfighter in support of the Overseas Contingency Operations. The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Systems improved on the AH-1W will forward fit to the AH-1Z through the H-1 Upgrades Remanufacture program and utilize existing technology to the maximum extent practicable to minimize development and procurement costs and to reduce the time to field the improved systems. Planned improvements under this OSIP cover airframes, propulsion, survivability, reliability and maintainability, and weight and balance. This OSIP intends to utilize upgrades to existing technology to the maximum extent practicable to minimize development and procurement costs, and to reduce the time to field the improved systems. Safety programs that will be implemented by this OSIP include, but are not limited to, reliability improvements covering non-recurring engineering and eventual replacement of the Direct Current generator, canopy door frame, main rotor gearbox, anti-collision lights, engine mount bearings, main driveshaft, aircraft NiCad battery, weight reduction/gross weight increase initiatives, cold spray magnesium/aluminum improvements, and armor flooring survivability enhancements. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Cold Spray Non-Recurring Engineering completed 2Q FY 2012. Procurement began 3Q FY 2012. Canopy door frame modification to AH-1W aircraft to begin FY 2013. Notes: 1. Installs for Canopy Door Frames and Main Rotor Gearbox are Organizational-Level installs. 2. Starting in FY 2014, all efforts previously budgeted under OSIP 13-12 are budgeted under Budget Line Item 0532 OSIP 13-14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)
Models of Systems Affected: AH-1W	Type Modification: CRITICAL RELIABILITY ENHANCEMENTS	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series					Modification Nomenclature (Modification Number - Modification Title): 2 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)				
Models of Systems Affected: AH-1W				Type Modification: CRITICAL RELIABILITY ENHANCEMENTS				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)													
A Kits													
Recurring													
1.1.1) Canopy Door Frame - Organic	- / -	- / -	50 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 2.000	
Subtotal Recurring	- / -	- / -	50 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 2.000	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / -	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	
Subtotal Non-Recurring	- / -	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	
B Kits													
Recurring													
2.1.1) Cold Spray - Organic	- / -	4 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.500	
Subtotal Recurring	- / -	4 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.500	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / -	- / 0.590	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.590	
Subtotal Non-Recurring	- / -	- / 0.590	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.590	
Total, H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)	- / -	4 / 1.090	50 / 2.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 3.290	
Total Procurement, All Modifications	- / -	4 / 1.090	50 / 2.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 3.290	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / -	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / -	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	
3.6) Other Support	- / -	- / 0.469	- / 0.594	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.063	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	0.469	0.894	-	-	-	-	-	-	-	-	1.363	
Total Procurement and Support	0.000	1.559	3.094	-	-	-	-	-	-	-	-	4.653	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series					Modification Nomenclature (Modification Number - Modification Title): 2 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)			
Models of Systems Affected: AH-1W				Type Modification: CRITICAL RELIABILITY ENHANCEMENTS				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Cost (Procurement + Support + Installation)	0.000	1.559	3.094	-	-	-	-	-	-	-	-	4.653

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0527 - AH-1W Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)	
Models of Systems Affected: AH-1W			Type Modification: CRITICAL RELIABILITY ENHANCEMENTS			Related RDT&E PEs:	
Manufacturer Information: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)							
Method of Implementation: Not Installed - Canopy Door Frame			Installation Quantity: 50				
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)							
Method of Implementation: Not Installed - Cold Spray			Installation Quantity: 4				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (Modification Number - Modification Title): 3 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)				
Models of Systems Affected: AH-1W			Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2.999	62.935	2.956	-	-	-	-	-	-	-	-	68.890
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.999	62.935	2.956	-	-	-	-	-	-	-	-	68.890
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.999	62.935	2.956	-	-	-	-	-	-	-	-	68.890
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: This Operational, Safety, and Improvement Program (OSIP) incorporates a number of cost effective changes to the AH-1W, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process and on the Critical Logistics Review lists in order to improve Ready Based Aircraft and Ready For Tasking rates and reduce the total cost ownership. These improvements are a vital element of the H-1 Upgrades program to significantly enhance the strategy of a more ready, more capable and more survivable H-1 force to accomplish the successful fielding of this new capability to the warfighter in support of the Overseas Contingency Operations. The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Systems improved on the AH-1W will forward fit to the AH-1Z through the H-1 Upgrades Remanufacture program and utilize existing technology to the maximum extent practicable to minimize development and procurement costs and to reduce the time to field the improved systems.												
Safety programs that will be implemented by this OSIP include, but are not limited to, spatial disorientation issues that will be addressed through aircraft upgrades such as integration of an upgrade to the Cockpit Control System, Heads-Up-Display improvements, Helmet Display and Tracker System (HDTS), Digital System Upgrade, Transponder upgrade, and Tactical Video Data Link (TVDL) system integration/ upgrade, and ground and air collision. Avoidance issues will be addressed through integration of systems such as Ground Proximity Warning System, Terrain Awareness Warning System, Mid-Air Conflict Avoidance System, Degraded Visual Environment systems, Digital Interoperability initiatives, Obstacles Avoidance System, and Military Flight Operations Quality Assurance. Aircrew safety system upgrades include incorporation of the AN/ALE-47 Countermeasures Chaff Containers. This OSIP also addresses improvements to H-1 series helicopters' weapons systems to support and improve mission success, to include missile, rocket, and gun reliability and accuracy. These weapon systems include air-to-ground missile, Advanced Precision Kill Weapon System, Hellfire, 20MM Gun, launchers, turrets, and 20MM Linkless Feed System (LFS). The LFS ammo can/feeder assembly addresses the highest reliability degrader in the gun system. Additional weapons modifications that will significantly increase the accuracy and reliability of this critical weapons system and enhance the survivability of the flight crew include improved laser pointers (including mounting), an improved turret test console, and improved barrels. This OSIP addresses the United States Marine Corps' operational requirement to detect, identify, and destroy tactical-sized armored targets with precision guided munitions during day, night, and adverse weather conditions. The Night Targeting System (NTS) and Night Targeting System Upgrade (NTSU) provide a night/adverse weather Forward-Looking InfraRed and laser designator for Tube-launched Optically-tracked Wire-guided (TOW) missile and Hellfire capability. In addition, NTS/NTSU provides enhanced conventional weapons delivery by utilizing the systems laser ranging system. Additional NTS/NTSU improvements will include Weapons Repairable Assembly modifications to improve reliability, maintainability, and systems stabilization. NTS/NTSU obsolescence improvements will include, but are not limited												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)
Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
to, integration of a Digital Video Recorder (DVR), incorporation of the Mission Data Loader functionality within the DVR, and integration of a Color Multi-Functional Display. Additionally, this OSIP will provide enhanced situational awareness and reduced workload through digital updates and digital interoperability to existing cockpit capabilities. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FY 2012 HDTS contract was awarded 4Q 2012 following the completion of Full Rate Production Decision Review and Integrated Logistics Assessment. Production LFS contract award is expected 2Q FY 2013. Note: 1. Starting in FY 2014, all efforts previously budgeted under OSIP 13-12 are budgeted under Budget Line Item 0532 OSIP 16-12. 2. B59 Execution adjustment, Issue 61090 AH-1W HDTS OCO-BSO was a BTR for \$4.580 that increased the FY12 control. These funds will procure 11 installation kits, 11 installation equipment and the remaining funds will be used to procure support (ILS, other support) for these requirements. The affect of this FY12 procurement on future buys is: Under Budget Line Item 0532, OSIP 16-12, FY15 quantities are decreased and the 'To Complete' quantities are zeroed out. 3. C89 Execution adjustment, Issue 63443 AH-1W HDTS kits-BSO was a BTR for \$1.250 that increased the FY12 control. These funds will procure installation equipment nonrecurring. Another execution adjustment, Issue 63911 AH-1W TVDL Install Kits OCO - BSO was a BTR for \$1.600 that increased the FY12 control. These funds will procure installation equipment nonrecurring.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series					Modification Nomenclature (Modification Number - Modification Title): 3 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)				
Models of Systems Affected: AH-1W				Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)													
A Kits													
Recurring													
1.1.1) ANVIS HUD - NonOrganic ⁽³⁾	8 / 0.000	43 / 4.798	3 / 0.353	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 5.151	
1.1.3) Tactical Video Data Link - NonOrganic	- / -	15 / 0.576	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.576	
Subtotal Recurring	8 / 0.000	58 / 5.374	3 / 0.353	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	69 / 5.727	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / -	- / 2.080	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.080	
Subtotal Non-Recurring	- / -	- / 2.080	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.080	
B Kits													
Recurring													
2.1.1) ANVIS HUD - Organic	- / -	35 / 11.491	3 / 0.755	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 12.246	
2.1.2) Linkless Feed System - Organic	- / -	62 / 14.168	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 14.168	
2.1.3) Linkless Feed Loader - Organic	- / -	48 / 1.072	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 1.072	
2.1.4) Tactical Video Data Link - Organic	- / -	15 / 0.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.864	
Subtotal Recurring	- / -	160 / 27.595	3 / 0.755	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	163 / 28.350	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 1.499	- / 10.365	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.864	
Subtotal Non-Recurring	- / 1.499	- / 10.365	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.864	
Total, H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	8 / 1.499	218 / 45.414	6 / 1.108	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	232 / 48.021	
Total Procurement, All Modifications	8 / 1.499	218 / 45.414	6 / 1.108	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	232 / 48.021	
Support													
3.1) Engineering Change Orders	- / -	- / 0.473	- / 0.210	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.683	
3.2) Data	- / -	- / 0.495	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.495	
3.3) Training Equipment	- / -	4 / 2.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.275	
3.4) Support Equipment	- / -	8 / 3.470	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 3.470	
3.5) ILS	- / -	- / 3.263	- / 0.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.543	

UNCLASSIFIED

LI 0527 - AH-1W Series
Navy

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0527 - AH-1W Series		Modification Nomenclature (Modification Number - Modification Title): 3 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	
Models of Systems Affected: AH-1W		Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS			
				Related RDT&E PEs:	

Manufacturer Information: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)							
Manufacturer Name: Elbit Systems Limited - ANVIS HUD				Manufacturer Location: Israel			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 3			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jun 2012	Nov 2012					
Delivery Dates	Aug 2012	Jan 2013					
Manufacturer Name: Elbit Systems Limited - Tactical Video Data Link				Manufacturer Location: Israel			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 2			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Oct 2011						
Delivery Dates	Nov 2011						

Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)			Method of Implementation: Contractor Field Mod Team					Installation Name: ANVIS HUD				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	0 / 1.500	8 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.500
FY 2012	- / -	16 / 4.067	27 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 4.067
FY 2013	- / -	- / -	3 / 0.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.552
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 1.500	24 / 4.067	30 / 0.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 6.119

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0527 - AH-1W Series											Modification Nomenclature (Modification Number - Modification Title): 3 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)											
Models of Systems Affected: AH-1W										Type Modification: SAFETY/SURVIVABILITY/READINESS/COMBAT EFFECTIVENESS										Related RDT&E PEs:													
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)																						Method of Implementation: Contractor Field Mod Team						Installation Name: ANVIS HUD					
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot		
In	-	-	-	8	16	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54		
Out	-	-	-	8	16	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54		
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)																																	
											Method of Implementation: Contractor Field Mod Team											Installation Name: Tactical Video Data Link											
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total									
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)									
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2012		- / -		15 / 0.585		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		15 / 0.585									
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
Total		- / -		15 / 0.585		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		15 / 0.585									
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot		
In	-	3	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
Out	-	3	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)																																	
											Method of Implementation: Not Installed - ANVIS HUD											Installation Quantity: 38											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)
Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - Linkless Feed System	Installation Quantity: 62
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - Linkless Feed Loader	Installation Quantity: 48
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - Tactical Video Data Link	Installation Quantity: 15
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 4
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 8
Footnotes: ⁽³⁾ ANVIS HUD Installation Kits (qty 8) from FY 2011 OSIP 13-00 completed in FY 2012. FY 2012 OCO ANVIS HUD Installation Kits (qty 16) will complete in FY 2013.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (Modification Number - Modification Title): 4 - H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)				
Models of Systems Affected: AH-1W			Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	2.671	-	-	-	-	-	-	-	-	2.67
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	2.671	-	-	-	-	-	-	-	-	2.67
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	2.671	-	-	-	-	-	-	-	-	2.67
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
This Operational, Safety, and Improvement Program (OSIP) incorporates a number of cost effective changes to the AH-1W, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process and on the Critical Logistics Review lists in order to improve Ready Basic Aircraft and Ready For Training rates and reduce the total cost of ownership. These improvements are a vital element of the H-1 program to significantly enhance the strategy of a more ready, more capable, and more survivable H-1 force to accomplish the successful fielding of capability to the warfighter in support of the Overseas Contingency Operations. The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Systems improved on the H-1 Warfighter aircraft will forward fit to the H-1 Upgrades aircraft through the H-1 Upgrades production program. Systems and changes identified for improvement in the OSIP are the Cockpit Control System, Ultra High Frequency/Very High Frequency radio system, Identification, Friend or Foe Transponder, Inertial Navigation System, Global Positioning System, Radar Altimeter, Mass Data Storage, Air Data System, Digital Map, Aircraft Displays, Digital Data Loader, Flight Data Recorder, Maintenance Data Recorder, Video Recorder, Digital Video Recorder, Helmet Display and Tracking System, Blue Force Tracker, Ground Proximity Warning System, Terrain Awareness Warning System, Military Flight Operations Quality Assurance, Aircraft Survivability Equipment and avionics interfaces for platform weapons and sensors. This OSIP intends to utilize upgrades to existing technology to the maximum extent practicable to minimize development and procurement costs, and to reduce the time to field the improved systems.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Concept development, requirements definition completed 4Q FY2011. Source selection for competitive contract award began 2Q FY2012. FY2013 procurement.												
NOTE:												
1. Starting in FY 2014, all efforts previously budgeted under OSIP 13-12 are budgeted under Budget Line Item 0532 OSIP 15-12.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)
Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series					Modification Nomenclature (Modification Number - Modification Title): 4 - H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)				
Models of Systems Affected: AH-1W				Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)													
A Kits													
Recurring													
1.1.1) Digital Map/JVMF - Organic ⁽⁴⁾	- / -	- / -	6 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.300	
Subtotal Recurring	- / -	- / -	6 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.300	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / -	- / -	- / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.150	
Subtotal Non-Recurring	- / -	- / -	- / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.150	
B Kits													
Recurring													
2.1.1) Digital Map/JVMF - Organic	- / -	- / -	6 / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.150	
Subtotal Recurring	- / -	- / -	6 / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.150	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / -	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	
Subtotal Non-Recurring	- / -	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	
Total, H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)	- / -	- / -	12 / 1.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.600	
Total Procurement, All Modifications	- / -	- / -	12 / 1.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.600	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / -	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	
3.3) Training Equipment	- / -	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	
3.4) Support Equipment	- / -	- / -	- / 0.130	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.130	
3.5) ILS	- / -	- / -	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300	
3.6) Other Support	- / -	- / -	- / 0.341	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.341	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	1.071	-	-	-	-	-	-	-	-	1.071	
Total Procurement and Support	0.000	-	2.671	-	-	-	-	-	-	-	-	2.671	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series					Modification Nomenclature (Modification Number - Modification Title): 4 - H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)			
Models of Systems Affected: AH-1W			Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	Total Cost (Procurement + Support + Installation)	0.000	-	2.671	-	-	-	-	-	-	-	2.671

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0527 - AH-1W Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)	
Models of Systems Affected: AH-1W			Type Modification: SAFETY/SURVIVABILITY/READINESS/COMBAT EFFECTIVENESS			Related RDT&E PEs:	
Manufacturer Information: H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)							
Method of Implementation: Not Installed - Digital Map/JVMF			Installation Quantity: 6				
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)							
Method of Implementation: Not Installed - Digital Map/JVMF			Installation Quantity: 6				
Footnotes: ⁽⁴⁾ FY13 Installation Kits (Qty 6) for Digital Map/JVMF are being installed in FY14 under BLI 0532 OSIP 016-12 Digital System Upgrade.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - INACTIVE OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	517.320	-	-	-	-	-	-	-	-	-	-	517.320
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	517.320	-	-	-	-	-	-	-	-	-	-	517.320
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	517.320	-	-	-	-	-	-	-	-	-	-	517.320
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - INACTIVE OSIPs				

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
INACTIVE OSIPs												
A Kits												
Recurring												
1.1.1) New Cost Element - Organic	- / 517.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 517.320
Subtotal Recurring	- / 517.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 517.320
Total, INACTIVE OSIPs	- / 517.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 517.320
Total Procurement, All Modifications	- / 517.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 517.320
Total Procurement and Support	517.320	-	-	-	-	-	-	-	-	-	-	517.320
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	517.320	-	-	-	-	-	-	-	-	-	-	517.320

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0527 - AH-1W Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - INACTIVE OSIPSS	
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:	
Manufacturer Information: INACTIVE OSIPSS							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: INACTIVE OSIPSS							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0528 - H-53 Series					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,259.891	117.374	61.437	67.675	-	67.675	48.586	36.666	33.639	30.953	236.220	1,892.441
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,259.891	117.374	61.437	67.675	-	67.675	48.586	36.666	33.639	30.953	236.220	1,892.441
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,259.891	117.374	61.437	67.675	-	67.675	48.586	36.666	33.639	30.953	236.220	1,892.441
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION: This line item funds modifications to the CH-53E - 152 and MH-53E - 29 aircraft. The aircraft inventories to be modified vary by Operational, Safety, and Improvement Program, dependant on kit modification production lead-time. The CH-53E is a seven blade main rotor and a four-blade canted tail rotor helicopter powered by three T64-GE-416/416A/419 turbo shaft engines while the CH-53D has six main rotor blades and two T64-GE-413/416 engines. Per United States Marine Corps Aviation Plan, the CH-53D series retired Dec 2012. The CH-53D/E aircraft are capable of both land and ship based transport of heavy equipment, supplies, and personnel. The MH-53E is similar to the CH-53E with additional capabilities for Airborne Mine Countermeasures, Vertical On-Board Delivery, and Special Missions which require longer range and more precise navigation than that of the CH-53E. The overall goal of the modifications budgeted in FY14 is increased communication and navigation, integrated mechanical diagnostics, propulsion and power, degraded visual environment mitigation, survivability and sustainment initiatives, night vision capability, and fleet operation and safety performance in the H-53 community. The H-53E number 1 & number 3 engine Nacelles are a safety risk due to Things Falling Off Aircraft (TFOA). To date (81) TFOA occurrences have occurred (12 in the last 3 years) on the H-53E aircraft. Of the (81) occurrences, (10) have impacted the Tail Rotor. The H-53E Engine Nacelles have become a top Direct Maintenance Man Hour driver in the fleet. This procurement would improve fleet safety and readiness. H-53 Avionics (31-12). H-53 Smart Multi Function Color Display (SMFCD). This request will provide procurement and installation for forward deployed aircraft with Integrated form, fit solution for display of Blue Force Tracker, Forward Looking Infrared with intuitive hover display, and real time threat display for aircraft Survival Equipment suite in a SMFCD.												
Secondary Distribution	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018			
Navy	Quantity	-	-	-	-	-	-	-	-			
	Total Obligation Authority	101.073	37.736	26.823	-	26.823	27.582	18.044	18.436			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0528 - H-53 Series										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:										
MDAP/MAIS Code(s):																				
Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018										
NR	Quantity	-	-	-	-	-	-	-	-	-										
	Total Obligation Authority	16.301	23.701	40.852	-	40.852	21.004	18.622	15.203	12.222										
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - HNVS (OSIP 012-92)	P3A				213.213			-			-			-			-			-
2 - ATTN. TRP SEATS (OSIP 020-97)	P3A				53.157			0.315			0.028			-			-			-
3 - INTEGRATED MECH DIAG (OSIP 007-98)	P3A				136.421			12.071			10.022			7.435			-			7.435
4 - NACELLES (OSIP 009-01)	P3A				16.639			-			-			9.680			-			9.680
5 - H-53 ERIIP (OSIP 010-05)	P3A				158.548			18.540			5.676			6.785			-			6.785
6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	P3A				106.720			27.168			-			1.680			-			1.680
7 - H-53 A/C SUSTAINMENT (OSIP 008-06)	P3A				148.559			51.139			37.661			28.854			-			28.854
8 - VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	P3A				78.951			1.363			-			-			-			-
9 - DIRCM (OSIP 010-08)	P3A				200.433			4.370			1.180			2.525			-			2.525
10 - H-53 AVIONICS (OSIP 031-12)	P3A				0.000			2.408			6.870			10.716			-			10.716
11 - Archived OSIPS	P3A				147.250			-			-			-			-			-
Total Gross/Weapon System Cost					1,259.891			117.374			61.437			67.675			-			67.675
Item Schedule		FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - HNVS (OSIP 012-92)	P3A				-			-			-			-			-			213.213
2 - ATTN. TRP SEATS (OSIP 020-97)	P3A				-			-			-			-			-			53.500
3 - INTEGRATED MECH DIAG (OSIP 007-98)	P3A				7.617			7.217			7.533			8.976			40.894			238.186
4 - NACELLES (OSIP 009-01)	P3A				8.063			6.780			3.180			-			21.250			65.592
5 - H-53 ERIIP (OSIP 010-05)	P3A				10.828			8.806			6.607			7.236			47.901			270.927

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	P3A				1.200			0.330			-			-			7.250			144.348
7 - H-53 A/C SUSTAINMENT (OSIP 008-06)	P3A				18.363			13.533			16.319			14.741			95.588			424.757
8 - VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	P3A				-			-			-			-			-			80.314
9 - DIRCM (OSIP 010-08)	P3A				2.515			-			-			-			-			211.023
10 - H-53 AVIONICS (OSIP 031-12)	P3A				-			-			-			-			23.337			43.331
11 - Archived OSIPS	P3A				-			-			-			-			-			147.250
Total Gross/Weapon System Cost					48.586			36.666			33.639			30.953			236.220			1,892.441

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - HNVS (OSIP 012-92)				
Models of Systems Affected: CH-53E (152)				Type Modification: MISSION/PERFORMANCE ENHANCEMENT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	213.213	-	-	-	-	-	-	-	-	-	-	213.213
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	213.213	-	-	-	-	-	-	-	-	-	-	213.213
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	213.213	-	-	-	-	-	-	-	-	-	-	213.213
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Helicopter Night Vision System (HNVS) will provide an infrared night vision system for the CH-53E transport helicopters. The HNVS provides an improved night/all weather mission capability. This Operational, Safety, and Improvement Program includes integration of the off the shelf APN-217(V)6 Doppler Navigation System and AAQ-29A Forward Looking Infrared (FLIR). Future configuration for CH-53E transport helicopter will be the AAQ-29A FLIR due to obsolescence issues for original equipment manufacturer with AAQ-16B. Program is structured to replace AAQ-16 with AAQ-29A to establish a single configuration. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AAQ-16B/29 FLIR is a non-developmental Item currently installed on a number of United States Army, Air Force, and Navy helicopters. Development Test-IIIA on the CH-53E/HNVS was completed in the third quarter FY 94. Extension of application for CH-53E was granted first quarter FY 95. The AAQ-29A is currently in production.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (Modification Number - Modification Title): 1 - HNVS (OSIP 012-92)				
Models of Systems Affected: CH-53E (152)				Type Modification: MISSION/PERFORMANCE ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
HNVS (OSIP 012-92)													
A Kits													
Recurring													
1.1.1) Q-29A-OCO - Organic ⁽¹⁾	8 / 0.506	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.506	
1.1.2) A-Kits (EER) - Organic	156 / 11.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	156 / 11.600	
Subtotal Recurring	164 / 12.106	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	164 / 12.106	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 3.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.100	
Subtotal Non-Recurring	- / 3.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.100	
B Kits													
Recurring													
2.1.1) AAQ-29A TFU/SEU - Organic	27 / 15.233	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 15.233	
2.1.2) AAQ-29A TFU/SEU OCO - Organic	47 / 25.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 25.207	
2.1.3) AAQ-29A TFU/SEU Supp - Organic	54 / 25.272	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 25.272	
2.1.4) CH-53E Installation Equipment - Organic	195 / 18.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	195 / 18.700	
2.1.5) CH-53E TFU/SDC AAQ-16B/29 - Organic	223 / 72.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	223 / 72.300	
Subtotal Recurring	546 / 156.712	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	546 / 156.712	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 0.963	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.963	
Subtotal Non-Recurring	- / 0.963	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.963	
Total, HNVS (OSIP 012-92)	710 / 172.881	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	710 / 172.881	
Total Procurement, All Modifications	710 / 172.881	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	710 / 172.881	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.985	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.985	
3.3) Software	- / 1.184	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.184	
3.4) Software-OCO	- / 2.455	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.455	
3.5) Training Equipment	- / 8.436	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.436	
3.6) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0528 - H-53 Series		Modification Nomenclature (Modification Number - Modification Title): 1 - HNVS (OSIP 012-92)	
Models of Systems Affected: CH-53E (152)		Type Modification: MISSION/PERFORMANCE ENHANCEMENT			
				Related RDT&E PEs:	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.7) ILS	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000
3.8) Other Support	- / 15.475	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.475
3.9) Other Support-OCO	- / 0.378	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.378
3.10) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.11) Installation Cost PY	- / 10.419	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.419
<i>Total Support, All Modifications</i>	40.332	-	-	-	-	-	-	-	-	-	-	40.332
<i>Total Procurement and Support</i>	213.213	-	-	-	-	-	-	-	-	-	-	213.213
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	213.213	-	-	-	-	-	-	-	-	-	-	213.213

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0528 - H-53 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - HNVS (OSIP 012-92)	
Models of Systems Affected: CH-53E (152)			Type Modification: MISSION/PERFORMANCE ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: HNVS (OSIP 012-92)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: HNVS (OSIP 012-92)			Method of Implementation: Not Installed - Q-29A-OCO			Installation Quantity: 8	
Installation: HNVS (OSIP 012-92)			Method of Implementation: Not Installed - A-Kits (EER)			Installation Quantity: 156	
Installation: HNVS (OSIP 012-92)			Method of Implementation: Organic - AAQ-29A TFU/SEU			Installation Quantity: 27	
Installation: HNVS (OSIP 012-92)			Method of Implementation: Organic - AAQ-29A TFU/SEU OCO			Installation Quantity: 47	
Installation: HNVS (OSIP 012-92)			Method of Implementation: Organic - AAQ-29A TFU/SEU Supp			Installation Quantity: 54	
Installation: HNVS (OSIP 012-92)			Method of Implementation: Organic - CH-53E Installation Equipment			Installation Quantity: 195	
Installation: HNVS (OSIP 012-92)			Method of Implementation: Organic - CH-53E TFU/SDC AAQ-16B/29			Installation Quantity: 223	
Footnotes: ⁽¹⁾ Q-29A-OCO - The previous quantity of 4 was an error.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ATTEN. TRP SEATS (OSIP 020-97)				
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: SAFETY				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	53.157	0.315	0.028	-	-	-	-	-	-	-	-	53.500
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	53.157	0.315	0.028	-	-	-	-	-	-	-	-	53.500
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	53.157	0.315	0.028	-	-	-	-	-	-	-	-	53.500
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Utility and Troop transport mission increasing in importance. Current troop/passenger seats are 1950 generation. Design does not provide impact protection of current rotorcraft seat designs. The impulsive type loading experienced during survivable mishaps produces amplified seat/floor anchor loads and potentially injurious occupant decelerations. Due to this operational deficiency, NDI crashworthy troop seat program established. Non-Developmental Item are lightweight off-the-shelf seats that provide protection by limiting an occupants inertial loading to survivable levels by attenuating impact forces to below survivable ranges and enables the occupant to rapidly egress a downed aircraft are being sought. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Funding provided non-recurring engineering, qualification, initial procurement, support and installs for Crash Attenuating Crew Chief Seat (CACCS) for all H-53 Type/Model/Series helicopters. CACCS also requires a redesigned Cruise box for the MH-53E. Notes: 1. Crash Attenuating Troop Seat (CATSS) Upgrade kits [quantity (QTY) 246] are installed at O-level. QTY (7) kits previously reflected in FY12 buy were procured prior year. 2. CACCS was incorrectly listed as B kit and has been updated to reflect A kit procurement and install schedule. Install dollars required in FY12 and FY13. Due to early sundown of CH-53D, QTY (22) CACCS installs will not be completed. 3. MH-53E CATSS Kits correctly reflects prior year procurement of (5) vice (4).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - ATTEN. TRP SEATS (OSIP 020-97)				
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: SAFETY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ATTEN. TRP SEATS (OSIP 020-97)												
A Kits												
Recurring												
1.1.1) CATSS Upgrade Kits - Organic	246 / 5.211	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	246 / 5.211
1.1.2) CH-53D Kits - Organic	46 / 4.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 4.600
1.1.3) CH-53E Kits - Organic	154 / 11.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	154 / 11.900
1.1.4) MH-53E Cruise Box Kits - Organic	26 / 0.231	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 0.231
1.1.5) MH-53E Extension Brackets - Organic	20 / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.050
1.1.6) MH-53E CATSS Kits - NonOrganic	5 / 0.630	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.630
1.1.7) MH-53E Kits - Organic	22 / 1.897	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 1.897
1.1.8) Crew Chief Seats (CACCS) - NonOrganic	219 / 1.854	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	219 / 1.854
Subtotal Recurring	738 / 26.373	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	738 / 26.373
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 2.335	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.335
Subtotal Non-Recurring	- / 2.335	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.335
B Kits												
Recurring												
2.1.1) Seat Testing - Organic	1 / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.700
Subtotal Recurring	1 / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.700
Total, ATTEN. TRP SEATS (OSIP 020-97)	739 / 29.408	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	739 / 29.408
Total Procurement, All Modifications	739 / 29.408	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	739 / 29.408
Support												
3.1) Engineering Change Orders	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500
3.2) Data	- / 1.215	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.215
3.3) Training Equipment	6 / 0.061	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.061
3.4) Support Equipment	- / 0.244	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.244
3.5) ILS	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300
3.6) Other Support	- / 14.864	- / 0.130	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.994
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.8) Installation Cost-Prior Year	272 / 6.160	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	272 / 6.160

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ATTEN. TRP SEATS (OSIP 020-97)				

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: SAFETY				Related RDT&E PEs:				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<i>Total Support, All Modifications</i>	23.344	0.130	-	-	-	-	-	-	-	-	-	23.474
<i>Total Procurement and Support</i>	52.752	0.130	-	-	-	-	-	-	-	-	-	52.882
ATTEN. TRP SEATS (OSIP 020-97) Installation Cost	- / 0.405	- / 0.185	- / 0.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.618
<i>Total Installation Cost</i>	- / 0.405	- / 0.185	- / 0.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.618
Total Cost (Procurement + Support + Installation)	53.157	0.315	0.028	-	-	-	-	-	-	-	-	53.500

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0528 - H-53 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ATTN. TRP SEATS (OSIP 020-97)	
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total			Type Modification: SAFETY			Related RDT&E PEs:	

Manufacturer Information: ATTN. TRP SEATS (OSIP 020-97)							
Manufacturer Name: Martin Baker-CATSS				Manufacturer Location: Middlesex, England			
Administrative Leadtime (<i>in Months</i>): 9				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Manufacturer Name: Eastwest Industries, INC-CACCS				Manufacturer Location: Ronkonkoma, NY			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: ATTN. TRP SEATS (OSIP 020-97)				Method of Implementation: [none specified]				Installation Name: MH-53E CATSS Kits				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	5 / 0.125	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.125
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	5 / 0.125	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.125

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013																
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0528 - H-53 Series											Modification Nomenclature (Modification Number - Modification Title): 2 - ATTEN. TRP SEATS (OSIP 020-97)																	
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total											Type Modification: SAFETY											Related RDT&E PEs:																	
Installation: ATTEN. TRP SEATS (OSIP 020-97)																							Method of Implementation: [none specified]											Installation Name: MH-53E CATSS Kits					
Installation Schedule																																							
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018													
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot								
In	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5								
Out	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5								
Installation: ATTEN. TRP SEATS (OSIP 020-97)																							Method of Implementation: CONTRACTOR INSTALLED-FIELD MOD TEAM											Installation Name: ATTEN. TRP SEATS (OSIP 020-97) CACCS					
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total															
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)																	
All Prior Years		162 / 0.405		24 / 0.060		11 / 0.028		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		197 / 0.493															
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -															
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -															
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -															
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -															
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -															
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -															
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -															
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -															
Total		162 / 0.405		24 / 0.060		11 / 0.028		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		197 / 0.493															
Installation Schedule																																							
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018													
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot								
In	162	6	6	6	6	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	197								
Out	162	6	6	6	6	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	197								
Installation: ATTEN. TRP SEATS (OSIP 020-97)																							Method of Implementation: Organic - CATSS Upgrade Kits											Installation Quantity: 246					
Installation: ATTEN. TRP SEATS (OSIP 020-97)																							Method of Implementation: Not Installed - CH-53D Kits											Installation Quantity: 46					

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ATTEN. TRP SEATS (OSIP 020-97)
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: SAFETY	Related RDT&E PEs:
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - CH-53E Kits	Installation Quantity: 154
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - MH-53E Cruise Box Kits	Installation Quantity: 26
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - MH-53E Extension Brackets	Installation Quantity: 20
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - MH-53E Kits	Installation Quantity: 22
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Organic - Seat Testing	Installation Quantity: 1
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Organic - Training Equipment	Installation Quantity: 6
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - Installation Cost-Prior Year	Installation Quantity: 272

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - INTEGRATED MECH DIAG (OSIP 007-98)				
Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total			Type Modification: SAFETY, READINESS, AND MAINTAINABILITY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	136.421	12.071	10.022	7.435	-	7.435	7.617	7.217	7.533	8.976	40.894	238.186
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	136.421	12.071	10.022	7.435	-	7.435	7.617	7.217	7.533	8.976	40.894	238.186
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	136.421	12.071	10.022	7.435	-	7.435	7.617	7.217	7.533	8.976	40.894	238.186
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
Integrated Mechanical Diagnostics (IMD) is a helicopter monitoring and diagnostics system that provides continuous on board monitoring and diagnostics of engine health, gearbox and drive train vibrations, oil debris, rotor track and balance. Full incorporation of the IMD system capabilities will allow rapid transition from the current costly philosophies of the 70s to today's cost wise initiatives and concepts. Lessons learned from this effort were incorporated into the solicitation for the fleet wide IMD effort with CH/MH-53E aircraft designated as the lead platforms. IMD produces the aircraft interface required to implement military flight operations quality assurance, a capability designed to provide hazard monitoring and mitigation. Condition Based Maintenance (CBM) is a concept intended to direct maintenance by predicting failures based on real-time assessment of equipment condition obtained from Integrated Mechanical Diagnostics System (IMDS) embedded sensors. CBM program includes software algorithm analysis for condition and health indicators of components, implementation of diagnostic/analysis tools and information infrastructure. CBM will enable a reduction in spares and maintenance while increasing safety of flight.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The CH-53E IMDS successfully completed operational evaluation in October 2005. The Milestone Decision Authority approved full-rate production for CH-53E IMDS in December 2004. MH-53E Validation completed 1st Qtr FY11. The MH-53E Verification was completed 1st Qtr FY13. Advanced diagnostics enhancements and airframe structural life extension database interfaces are being incorporated to provide comprehensive platform operational and maintenance status awareness to the Squadron Commanders and key decision makers.												
Notes:												
1. QTY of 154 CH-53E installs includes 2 trainer kits.												
2. QTY of 31 MH-53E installs includes 1 trainer kit (FY13) and 2 spares (result of 2 mishaps).												
3. Lack of MH-53E aircraft availability delaying installations of FY12 kit buy.												
4. Lack of CH-53E aircraft availability delaying installations of prior year kit buy.												
5. IMDS FY15-FY18 support costs are for IMDS configuration changes to provide continued system internet authority. CBM data will drive software changes for aging aircraft components.												
6. Increase in Support Equipment for FY13 reflects additional test sets to improve readiness, reduce maintenance costs/time to repair the aircraft.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - INTEGRATED MECH DIAG (OSIP 007-98)
Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - INTEGRATED MECH DIAG (OSIP 007-98)			
Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total				Type Modification: SAFETY, READINESS, AND MAINTAINABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
INTEGRATED MECH DIAG (OSIP 007-98)												
A Kits												
Recurring												
1.1.1) AVC-5102 Panel Lens (LBAD) - Organic	1 / 0.068	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.068
1.1.2) Accelerometers - Organic	2 / 0.194	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.194
1.1.3) CH-53E A-Kits - NonOrganic	118 / 35.747	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	118 / 35.747
1.1.4) CH-53E A Kits (CONG) - NonOrganic	31 / 10.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 10.552
1.1.5) CH-53E A-Kits -OCO - NonOrganic	5 / 1.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.560
1.1.7) MH-53E Kits (A-kits) - NonOrganic	18 / 6.108	11 / 3.887	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 9.995
1.1.8) MH-53E Kits (A-kits) (CONG) - NonOrganic	2 / 0.626	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.626
Subtotal Recurring	177 / 54.855	11 / 3.887	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	188 / 58.742
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 3.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.100
Subtotal Non-Recurring	- / 3.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.100
B Kits												
Recurring												
2.1.1) CH-53E B-Kit - Organic	- / 0.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.450
2.1.2) MH-53E B-Kit - Organic	31 / 0.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.250
2.1.3) IMDS Ground Equipment - Organic	- / 0.216	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.216
Subtotal Recurring	31 / 0.916	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.916
Non-Recurring												
2.2.2) Installation Equipment N/R (CONG) - Organic	- / 1.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.249
Subtotal Non-Recurring	- / 1.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.249
Total, INTEGRATED MECH DIAG (OSIP 007-98)	208 / 60.120	11 / 3.887	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	219 / 64.007
Total Procurement, All Modifications	208 / 60.120	11 / 3.887	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	219 / 64.007
Support												
3.1) Engineering Change Orders	- / 0.217	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.217
3.2) Data	- / 1.341	- / -	- / 0.011	- / 0.011	- / -	- / 0.011	- / 0.011	- / 0.015	- / 0.017	- / 0.017	- / 0.020	- / 1.443
3.3) Data (CONG)	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - INTEGRATED MECH DIAG (OSIP 007-98)				

Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total			Type Modification: SAFETY, READINESS, AND MAINTAINABILITY				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.4) Software	- / 3.924	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.924
3.5) Software (CONG)	- / 2.667	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.667
3.6) Training Equipment	2 / 0.467	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.467
3.7) Support Equipment	- / 2.420	- / 0.030	- / 0.353	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.803
3.8) Condition Based Maint (CBM)	- / -	- / 2.922	- / 3.171	- / 2.832	- / -	- / 2.832	- / 4.044	- / 3.535	- / 3.603	- / 4.691	- / 21.789	- / 46.587
3.9) Condition Based Maint (CBM) OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.10) ILS	- / 2.984	- / 0.934	- / -	- / 1.001	- / -	- / 1.001	- / 1.021	- / 1.051	- / 1.238	- / 1.562	- / 8.197	- / 17.988
3.11) Other Support	- / 48.381	- / 3.460	- / 4.702	- / 1.585	- / -	- / 1.585	- / 1.691	- / 1.700	- / 1.750	- / 1.800	- / 10.888	- / 75.957
3.12) Other Support - OCO	- / 0.045	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.045
3.13) Other Support (CONG)	- / 0.940	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.940
3.14) Interim Contractor Support	- / -	- / -	- / -	- / 0.722	- / -	- / 0.722	- / 0.850	- / 0.916	- / 0.925	- / 0.906	- / -	- / 4.319
Total Support, All Modifications	63.486	7.346	8.237	6.151	-	6.151	7.617	7.217	7.533	8.976	40.894	157.457
Total Procurement and Support	123.606	11.233	8.237	6.151	-	6.151	7.617	7.217	7.533	8.976	40.894	221.464
INTEGRATED MECH DIAG (OSIP 007-98) Installation Cost	- / 12.815	- / 0.838	- / 1.785	- / 1.284	- / -	- / 1.284	- / -	- / -	- / -	- / -	- / -	- / 16.722
Total Installation Cost	- / 12.815	- / 0.838	- / 1.785	- / 1.284	- / -	- / 1.284	- / -	- / -	- / -	- / -	- / -	- / 16.722
Total Cost (Procurement + Support + Installation)	136.421	12.071	10.022	7.435	-	7.435	7.617	7.217	7.533	8.976	40.894	238.186

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0528 - H-53 Series		Modification Nomenclature (Modification Number - Modification Title): 3 - INTEGRATED MECH DIAG (OSIP 007-98)
Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY		Related RDT&E PEs:	

Manufacturer Information: INTEGRATED MECH DIAG (OSIP 007-98)

Manufacturer Name: Goodrich-CH				Manufacturer Location: Vergennes, VT			
Administrative Leadtime (<i>in Months</i>): 11				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Manufacturer Name: Goodrich-MH				Manufacturer Location: Vergennes, VT			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012						
Delivery Dates	Sep 2012						

Installation: INTEGRATED MECH DIAG (OSIP 007-98)			Method of Implementation: CONTRACTOR INSTALLED-FIELD MOD TEAM					Installation Name: IMDS (OSIP 07-98) CH-53				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	143 / 11.995	6 / 0.634	2 / 0.220	3 / 0.330	0 / 0.000	3 / 0.330	- / -	- / -	- / -	- / -	- / -	154 / 13.179
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	143 / 11.995	6 / 0.634	2 / 0.220	3 / 0.330	- / -	3 / 0.330	- / -	- / -	- / -	- / -	- / -	154 / 13.179

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0528 - H-53 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - INTEGRATED MECH DIAG (OSIP 007-98)									
Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total											Type Modification: SAFETY, READINESS, AND MAINTAINABILITY											Related RDT&E PEs:									
Installation: INTEGRATED MECH DIAG (OSIP 007-98)											Method of Implementation: CONTRACTOR INSTALLED-FIELD MOD TEAM											Installation Name: IMDS (OSIP 07-98) CH-53									
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	143	-	-	3	3	2	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154
Out	143	-	-	3	3	2	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154
Installation: INTEGRATED MECH DIAG (OSIP 007-98)											Method of Implementation: CONTRACTOR INSTALLED-FIELD MOD TEAM											Installation Name: IMDS (OSIP 07-98) MH-53									
		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		6 / 0.820	2 / 0.204	12 / 1.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 2.276																		
FY 2012		- / -	- / -	3 / 0.313	8 / 0.954	- / -	8 / 0.954	- / -	- / -	- / -	- / -	- / -	11 / 1.267																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		6 / 0.820	2 / 0.204	15 / 1.565	8 / 0.954	- / -	8 / 0.954	- / -	- / -	- / -	- / -	- / -	31 / 3.543																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	6	-	1	1	-	4	4	4	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
Out	6	-	1	1	-	4	4	4	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
Installation: INTEGRATED MECH DIAG (OSIP 007-98)											Method of Implementation: Organic - AVC-5102 Panel Lens (LBAD)											Installation Quantity: 1									

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - INTEGRATED MECH DIAG (OSIP 007-98)
Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:
Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: Organic - Accelerometers	Installation Quantity: 2
Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: Organic - MH-53E B-Kit	Installation Quantity: 31
Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 2

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - NACELLES (OSIP 009-01)				
Models of Systems Affected: CH-53E(152), MH-53E(31), 183 TOTAL			Type Modification: MISSION/MISSION ENHANCEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	16.639	-	-	9.680	-	9.680	8.063	6.780	3.180	-	21.250	65.592
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	16.639	-	-	9.680	-	9.680	8.063	6.780	3.180	-	21.250	65.592
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	16.639	-	-	9.680	-	9.680	8.063	6.780	3.180	-	21.250	65.592
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
Material quality defects were discovered in the first production lot. Technical data package was studied by the Original Equipment Manufacturer. Contract awarded February 07 for Non-Recurring Engineering, tooling and validation/verification kits.												
DESCRIPTION/JUSTIFICATION: The CH/MH-53E No.1 & No. 3 engine Nacelles are a safety risk due to Things Falling Off Aircraft (TFOA). TFOA incidents risk damage to the aircraft, threaten aircrew safety, and could potentially impact personnel and/or property on the ground. The H-53E Engine Nacelles have become a Direct Maintenance Man Hour (MMH) driver in the fleet. The procurement improves fleet safety and readiness. The new CH/MH-53E Nacelle ship sets incorporate improved material properties, design, and positive locking latching mechanisms to prevent TFOA. Improved Nacelles will ensure the highest readiness levels.												
The H-53E No.1 & No. 3 engine Nacelles are a safety risk due to TFOA. To date 81 TFOA occurrences have occurred (12 in the last 3 years) on the H-53E aircraft. Of the 81 occurrences, 10 have impacted the Tail Rotor. The CH/MH-53E Engine Nacelles have become a top MMH driver in the fleet. This procurement would improve fleet safety and readiness.												
DEVELOPMENT STATUS/MAJOR MILESTONES: This modification provides improvements to the engine nacelles which are intended to decrease the maintenance man-hours expended on nacelles repair and replacement. This modification will incorporate the forward and aft engine nacelles for the H-53.												
Notes:												
1. All installations are O-level.												
2. QTY of 154 CH-53E installs includes 2 trainer kits.												
Current Active Modifications:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - NACELLES (OSIP 009-01)
Models of Systems Affected: CH-53E(152), MH-53E(31), 183 TOTAL	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
MH-53 E KITS (Radian)- Improved MH-53 GKN Nacelles which incorporate design changes to improve reliability/rigidity, risk analysis, metal numerical control (n/c) tooling, fabrication of two ship sets and teardown/inspection/test of Nacelles for No. 1 and No.3 engines. O level install. Future Modifications: MH-53 Kit - Organic - O level install for improved GKN Nacelles to incorporate design changes to improve reliability/rigidity, risk analysis, metal numerical control (n/c) tooling, fabrication of two ship sets and teardown/inspection/test of Nacelles for No. 1 and No.3 engines. CH-53 Kits - Organic - O level install for Improved GKN Nacelles kits. Archived Modifications: CH-53E Kits Validation/Verification - O level install for Improved GKN Nacelles kits. Operational Commitments have kept Aircraft from inducting on time delaying installs funded with Overseas Operation Contingency (OCO) funds.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - NACELLES (OSIP 009-01)				
Models of Systems Affected: CH-53E(152), MH-53E(31), 183 TOTAL				Type Modification: MISSION/MISSION ENHANCEMENT				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
NACELLES (OSIP 009-01)												
A Kits												
Recurring												
1.1.1) MH-53E KITS (Radian) - Organic	46 / 3.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 3.200
1.1.2) MH-53E Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 6.665	31 / 6.665
1.1.4) CH-53E KITS - Organic	- / -	- / -	- / -	40 / 8.600	- / -	40 / 8.600	31 / 7.378	28 / 6.020	13 / 2.795	- / -	39 / 8.385	151 / 33.178
1.1.6) CH-53E KITS - Val/Ver - Organic	3 / 0.875	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.875
Subtotal Recurring	49 / 4.075	- / -	- / -	40 / 8.600	- / -	40 / 8.600	31 / 7.378	28 / 6.020	13 / 2.795	- / -	70 / 15.050	231 / 43.918
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 5.046	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.046
Subtotal Non-Recurring	- / 5.046	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.046
Total, NACELLES (OSIP 009-01)	49 / 9.121	- / -	- / -	40 / 8.600	- / -	40 / 8.600	31 / 7.378	28 / 6.020	13 / 2.795	- / -	70 / 15.050	231 / 48.964
Total Procurement, All Modifications	49 / 9.121	- / -	- / -	40 / 8.600	- / -	40 / 8.600	31 / 7.378	28 / 6.020	13 / 2.795	- / -	70 / 15.050	231 / 48.964
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100
3.3) Training Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / 0.500
3.4) Support Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	- / 0.400
3.5) ILS	- / 0.066	- / -	- / -	- / 0.484	- / -	- / 0.484	- / 0.315	- / 0.339	- / 0.159	- / -	- / 2.500	- / 3.863
3.6) ILS - OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) Other Support	- / 7.352	- / -	- / -	- / 0.596	- / -	- / 0.596	- / 0.370	- / 0.421	- / 0.226	- / -	- / 2.800	- / 11.765
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.9) Other Support - OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	7.518	-	-	1.080	-	1.080	0.685	0.760	0.385	-	6.200	16.628
Total Procurement and Support	16.639	-	-	9.680	-	9.680	8.063	6.780	3.180	-	21.250	65.592
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	16.639	-	-	9.680	-	9.680	8.063	6.780	3.180	-	21.250	65.592

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0528 - H-53 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - NACELLES (OSIP 009-01)	
Models of Systems Affected: CH-53E(152), MH-53E(31), 183 TOTAL			Type Modification: MISSION/MISSION ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: NACELLES (OSIP 009-01)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: NACELLES (OSIP 009-01)			Method of Implementation: Organic - MH-53E KITS (Radian)			Installation Quantity: 46	
Installation: NACELLES (OSIP 009-01)			Method of Implementation: Not Installed - MH-53E Kit			Installation Quantity: 31	
Installation: NACELLES (OSIP 009-01)			Method of Implementation: Organic - CH-53E KITS			Installation Quantity: 151	
Installation: NACELLES (OSIP 009-01)			Method of Implementation: Organic - CH-53E KITS - Val/Ver			Installation Quantity: 3	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - H-53 ERIP (OSIP 010-05)				
Models of Systems Affected: H-53 T64 Turbo-shaft engines			Type Modification: SAFETY, READINESS AND MAINTAINABILITY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	158.548	18.540	5.676	6.785	-	6.785	10.828	8.806	6.607	7.236	47.901	270.927
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	158.548	18.540	5.676	6.785	-	6.785	10.828	8.806	6.607	7.236	47.901	270.927
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	158.548	18.540	5.676	6.785	-	6.785	10.828	8.806	6.607	7.236	47.901	270.927
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:

The T64 Engine Reliability Improvement Program (ERIP) upgrades top age related engine degraders, fatigue limiters, and performance degradation on the T64 engine. A concentrated effort is to upgrade the T64-416 engines to the T64-416A configuration by replacing components of the engine with improved hardware designs to increase reliability and reduce logistical requirements by conforming to one configuration. T64 engines will be modified to incorporate titanium nitride-coated compressor airfoils. Titanium nitride coating provides significantly improved durability and reliability for operation in austere environments. Degraded and obsolete peculiar support equipment will also be improved.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: 358 of 460 engines have been upgraded from the T64-416 to T64-416A configuration. T64-416A upgrade kits procured with FY04 Title IX Supplemental funding began installs in FY05. T64-416 and -416A engines began incorporating titanium nitride in FY04. T64-419 engines began incorporating titanium nitride in FY06. T64-413 engines began incorporating titanium nitride in FY07, and were completed in FY11 when the FY11 United States Marine Corps Aviation Plan was released.

Notes:

1. All ERIP procurements are for mods catagorized as B-kits. Contract award for FY12 quantities is anticipated February 2013.

2. Non-recurring installation cost identifies funding for T64 ERIP mods to be installed/implemented by Fleet Readiness Center (FRC) artisans. This cost consists of labor and consumable materials necessary to implement the various Accessory Changes and Powerplant Changes that make up the T64 ERIP. Fiscal Year quantities are based on FRC shop throughput, appropriate kit availability, and anticipated retrograde component availability.

Current Active Modifications:

Power Plant Changes (PPC) 109 REV A KITS - Rev A converts 416 to 416A engine configuration.

PPC 109 REV A Overseas Contingency Operations (OCO) - Rev A converts 416 to 416A engine configuration.

Future Modifications:

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - H-53 ERIP (OSIP 010-05)
Models of Systems Affected: H-53 T64 Turbo-shaft engines	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
Improved Wolf Gasket - Improved sealing of the original design to mitigate oil leak Externals Improvement - Build spec review and reliability improvements of main fuel control Gas Generator Turbine (GGT) Improvements - Reliability improvements/sand separator/generator turbine section Archived Modifications: 416A CONVERSION KITS - PPC-109 RevA converts turbine section to a 419 configuration 416A UPGRADE (GE)PPC-109 RevA converts turbine section to a 419 configuration AIR STARTER KITS - Test Cell Improvement Initiative COMPR ROTOR SET KITS - AYC-1440 removes existing Philips head screw/replaces with torx screw head REL IMPROV KITS (GE) - Build spec kits for 100% replacement of hardware during overhaul T2 HOUSING KICKSTD (GE) - AYC-1355 T2 Bellow Cover T64 COMP CASES - SPPT TIN - PPC-113 Match Grinding Compressor Case with Rotor T64 ERIP KITS (ERP convert) - PPC-119 converts fuel control/fuel pump to a 419 engine configuration T64 ERIP kits (SUPP)- PPC-119 converts fuel control/fuel pump to a 419 engine configuration Titanium Nitride (TIN) SETS (GE) - PPC-107 RevA and PPC-113 Titanium Nitride Airfoils for CH-53D & MH-53E TIN SETS (GE SUPP) - PPC-107 RevA and PPC-113 Titanium Nitride Airfoils for CH-53D & MH-53E Variable Guide (VG) ACTUATOR KITS - AYC-1373 Felt wiper upgrade to the VG Actuator 419 FUEL CONTROL KITS - OCO - PPC-119 converts fuel control/fuel pump to a 419 engine configuration 419 FUEL PUMP KITS - OCO - PPC-119 converts fuel control/fuel pump to a 419 engine configuration		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - H-53 ERIIP (OSIP 010-05)				
Models of Systems Affected: H-53 T64 Turbo-shaft engines			Type Modification: SAFETY, READINESS AND MAINTAINABILITY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
H-53 ERIIP (OSIP 010-05)												
B Kits												
Recurring												
2.1.1) PPC 109 Rev A Kits - Organic	122 / 19.232	25 / 4.343	7 / 1.747	12 / 2.270	- / -	12 / 2.270	30 / 6.178	17 / 3.606	- / -	- / -	- / -	213 / 37.376
2.1.2) PPC 109 RevA OCO - Organic	24 / 5.580	44 / 7.680	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	68 / 13.260
2.1.3) Improved Wolf Gasket - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	75 / 0.492	75 / 0.506	75 / 0.522	546 / 3.657	771 / 5.177
2.1.4) Externals Improvement - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 0.563	100 / 0.580	571 / 3.663	771 / 4.806
2.1.5) Gas Generator Turbine (GGT) Improvements - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 0.563	100 / 0.580	571 / 3.663	771 / 4.806
2.1.6) ARCHIVED B KITS - Organic	4,464 / 93.991	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,464 / 93.991
Subtotal Recurring	4,610 / 118.803	69 / 12.023	7 / 1.747	12 / 2.270	- / -	12 / 2.270	30 / 6.178	92 / 4.098	275 / 1.632	275 / 1.682	1,688 / 10.983	7,058 / 159.416
Non-Recurring												
2.2.1) Installation Cost-Prior Year - Organic	118 / 0.531	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	118 / 0.531
2.2.2) T64 Installation Cost - Organic	- / -	- / 2.913	- / -	- / 2.322	- / -	- / 2.322	- / 2.434	- / 2.559	- / 2.842	- / 3.124	- / 14.010	- / 30.204
2.2.3) Installation Equipment N/R - Organic	- / 3.356	- / 1.492	- / -	- / 1.395	- / -	- / 1.395	- / 1.414	- / 1.357	- / 1.365	- / 1.589	- / -	- / 11.968
Subtotal Non-Recurring	118 / 3.887	- / 4.405	- / -	- / 3.717	- / -	- / 3.717	- / 3.848	- / 3.916	- / 4.207	- / 4.713	- / 14.010	118 / 42.703
Total, H-53 ERIIP (OSIP 010-05)	4,728 / 122.690	69 / 16.428	7 / 1.747	12 / 5.987	- / -	12 / 5.987	30 / 10.026	92 / 8.014	275 / 5.839	275 / 6.395	1,688 / 24.993	7,176 / 202.119
Total Procurement, All Modifications	4,728 / 122.690	69 / 16.428	7 / 1.747	12 / 5.987	- / -	12 / 5.987	30 / 10.026	92 / 8.014	275 / 5.839	275 / 6.395	1,688 / 24.993	7,176 / 202.119
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 1.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.005
3.3) Training Equipment	- / 0.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.004
3.4) Training Equipment-OCO	- / 0.506	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.506
3.5) Support Equipment	- / 5.829	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.829
3.6) ILS	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300
3.7) Other Support	- / 22.814	- / 2.112	- / 3.929	- / 0.798	- / -	- / 0.798	- / 0.802	- / 0.792	- / 0.768	- / 0.841	- / 22.908	- / 55.764
3.8) Other Support-OCO	- / 5.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.400
3.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	35.858	2.112	3.929	0.798	-	0.798	0.802	0.792	0.768	0.841	22.908	68.808
Total Procurement and Support	158.548	18.540	5.676	6.785	-	6.785	10.828	8.806	6.607	7.236	47.901	270.927

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (Modification Number - Modification Title): 5 - H-53 ERIIP (OSIP 010-05)			
Models of Systems Affected: H-53 T64 Turbo-shaft engines			Type Modification: SAFETY, READINESS AND MAINTAINABILITY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	158.548	18.540	5.676	6.785	-	6.785	10.828	8.806	6.607	7.236	47.901	270.927

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - H-53 ERIP (OSIP 010-05)	
Models of Systems Affected: H-53 T64 Turbo-shaft engines			Type Modification: SAFETY, READINESS AND MAINTAINABILITY			Related RDT&E PEs:	
Manufacturer Information: H-53 ERIP (OSIP 010-05)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: H-53 ERIP (OSIP 010-05)		Method of Implementation: Organic - PPC 109 Rev A Kits			Installation Quantity: 213		
Installation: H-53 ERIP (OSIP 010-05)		Method of Implementation: Organic - PPC 109 RevA OCO			Installation Quantity: 68		
Installation: H-53 ERIP (OSIP 010-05)		Method of Implementation: Organic - Improved Wolf Gasket			Installation Quantity: 771		
Installation: H-53 ERIP (OSIP 010-05)		Method of Implementation: Organic - Externals Improvement			Installation Quantity: 771		
Installation: H-53 ERIP (OSIP 010-05)		Method of Implementation: Organic - Gas Generator Turbine (GGT) Improvements			Installation Quantity: 771		
Installation: H-53 ERIP (OSIP 010-05)		Method of Implementation: Not Installed - ARCHIVED B KITS			Installation Quantity: 4464		
Installation: H-53 ERIP (OSIP 010-05)		Method of Implementation: Not Installed - Installation Cost-Prior Year			Installation Quantity: 118		

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)			

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total				Type Modification: SAFETY, READINESS AND MAINTAINABILITY				Related RDT&E PEs:			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	106.720	27.168	-	1.680	-	1.680	1.200	0.330	-	-	7.250	144.348
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	106.720	27.168	-	1.680	-	1.680	1.200	0.330	-	-	7.250	144.348
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	106.720	27.168	-	1.680	-	1.680	1.200	0.330	-	-	7.250	144.348

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This funding effort is established for procurement and integration of survivability systems that will improve H-53 aircrew and passengers against hostile threats through more effective self-defense methods. The H-53 survivability strategy is to upgrade threat detection ability, increase countermeasure capability, reduce vulnerability, enhance situational awareness by communicating aircraft position to deconflict with friendly forces in the area of operation, and improve vulnerability to battle damage by better developing protection for both the aircrew and critical components. This increased survivability will protect the H-53 during all aspects of its various missions; assault support, shipboard delivery of cargo, anti-mine warfare, casualty transport/Medivac, and heavy cargo transport.

H-53 Smart Multi Function Color Display (SMFCD). SMFCD moving to Avionics OSIP 31-12 as of FY14. Current Marine Air Ground Task Force (MAGTF) future force laydown plans shows Air Combat Element (ACE) MAGTF elements will not change in Operation Enduring Freedom OEF through FY14. A MAGTF ACE will remain deployed in OEF in order to support Special Operating Forces beyond FY14 (current plans through FY16). SMFCD improves aircrew safety by reducing pilot workload and fatigue and increases aircrew situational awareness. SMFCD provides an integrated avionics suite that will facilitate safe landings in a degraded visual environment, modernize navigational equipment and enhance situational awareness with a joint single integrated air ground picture. SMFCD provides the capability of displaying a Brown Out Symbolology Set on the instrument panel in the pilot's normal field of view, allowing aircrews to land in dusty environments, and reducing the risk of Controlled Flight Into Terrain (CFIT) that results in loss of life and aircraft. 7 CH-53 CFIT MISHAPS FY05-FY12 (2 OIF/5 OEF) resulted in the loss of 3 aircraft and 32 people killed in action. SMFCD provides a real time threat display for the Aircraft Survivability Equipment threat indications currently encountered, such as missiles, small arms, and lasers, overlaid on a real time moving map in the pilot's normal field of view, vice several federated systems scattered around the cockpit. SMFCD further increases safety by eliminating the kneeboard Electronic Display Module (EDM) which currently tethers the pilot to the aircraft, creating an egress hazard during emergency situations. Additionally, SMFCD is a form fit replacement for the current Forward Looking Infrared (FLIR) display and retains the full FLIR functionality. All Overseas Contingency Operations (OCO) systems will be procured and installed prior to end of FY14.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Aircraft Survivability Equipment effort (18 aircraft) completed August 2008. Blue Force Tracker (BFT) fully equipped aircraft deployment completed June 2008. BFT is an Army Acquisition Category IC program, encryption and L-band enhancements are anticipated.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
Notes: 1. Installation of QTY (152) Visually Degraded Environment (VDE) A-kits procured in VDE OSIP 20-07 with FY10 OCO are occurring simultaneously with BFT installs. Of the (152) installs, QTY (20) will occur in FY13 with OCO funding in Survivability OSIP 15-05. Remaining installs will be completed in FY13 QTY (40), with OCO funding in Avionics OSIP 31-12. 2. Critical Systems Upgrade (CSU) is comprised of BFT kits, Satellite Communicatons (SATCOM) 1851A radios, advanced digital antenna production, Heads Up Display (HUD) software, controlled display navigation unit and software upgrades in support of the VDE solution. 3. Lack of CH-53E aircraft availability is delaying installation of BFT prior year kit buy. 4. Lack of CH-53E aircraft availability is delaying installation of FY 12 CSA. 5. SMFCD total kit QTY is (160). QTY (152) aircraft installs and (8) trainers. QTY (67) will be procured in Survivability OSIP 15-05. QTY of (5) SMFCD (3 production kits, 1 validation kit, 1 verification kit) procured with FY10 supplemental (Supp)(via Above Threshold Reprogramming October 10) are installed in FY12. QTY of (25) kit and install funding was released for execution based on the Omnibus 2011 II prior approval reprogramming action (FY11-25 PA) on 11-7-11 as part of United States Marine Corps Helicopter Survivability Task Force initiative (FY11 General Fund). QTY (37) kits will be procured and installed with FY12 OCO. The remaining QTY (93) SMFCD will be procured (to complete) in Avionics OSIP (31-12). 6. Critical Systems Armor (CSA) A-kit procurement and installs were reflected incorrectly on prior budgets and has been updated. FY12 OCO will fund QTY (43) CSA installs in FY13. 7. Operational commitment has kept Aircraft from inducting on time, delaying installation. Current Active Modifications: BFT A Kits CH-53 (OCO)- NonOrganic - wiring kit for BFT. BFT incorporates Force Battle Command Brigade and Below (FBCB2) capability in the H-53; provides near real-time tracking and displaying of friendly forces in the cockpit and increased situational awareness. 2 EDMs, and existing Global Positioning System are utilized, provides over-the-Horizon coverage with L-band Commercial SATCOM and 2-way data and Variable Message Format(VMF) messaging overlay on EDM moving map. BFT A Kits (MH-53)(SUPP)-NonOrganic CH-53E CSA A Kits (OCO)- NonOrganic - CSA program will armor critical systems including engines, gearboxes, hydraulic systems and Automatic Flight Controlled System (AFCS)to mitigate loss of critical systems and aircrew. SMFCD A Kits - SMFCD will increase aircrew situational awareness and reduce pilot workload/fatigue by consolidating the threat warning, BFT, FLIR, hover symbology, and moving map on one easily seen "under-glass" multi-function programmable display. Integrating all this data decreases the chances for CFIT and increases situational awareness while hovering under degraded visibility conditions such as snow, sand or, dust. CH-53E CSA B Kits-OCO Ceramic Panels CH-53E CSA B Kits-OCO Titanium Panels CH-53E CSA B Kits-OCO Storage Box CH-53E CSA B Kits-OCO Brackets MH Aviation Survivability Equipment(ASE) Suite A Kits-Organic - incorporated BFT and AAR-47 BFT: FBCB2 capability in the H-53. MH-53E ASE Prerequisite Kits-Organic MH-53E ASE Prerequisite Kits-Organic (SUPP) SMFCD B Kits(Validation/Verification)-OCO Future Modifications: CH-53E CSA B Kits - CSA program will armor critical systems including engines, gearboxes, hydraulic systems and AFCS to mitigate loss of critical systems and aircrew. Archived Modifications: BFT A Kits (CH-53)-NonOrganic BFT A Kits (CH-53)(ESAD)-NonOrganic		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
BFT A Kits (CH-53)(SUPP)-NonOrganic BFT A Kits (MH-53)-NonOrganic H-53 Night Vision Device (NVD)Kits-Organic BFT B Kits (CH-53)-Organic BFT B Kits (CH-53)(SUPP)-Organic BFT B Kits (MH-53)-Organic BFT B Kits-Organic MH AAR-47 (P-kit)-Organic - Missile Warning Set that provides notification to the pilot of threats and triggers aircraft countermeasures systems. MH ALE-47 (P-kit)-Organic SPARES-Organic SMFCD B Kits (Val/Ver)-OCO-Organic Operational Commitments have kept Aircraft from inducting on time delaying installs funded with Overseas Operation Contingency (OCO) funds.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)				
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total				Type Modification: SAFETY, READINESS AND MAINTAINABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)												
A Kits												
Recurring												
1.1.1) BFT A Kits CH-53 (OCO) - NonOrganic ⁽²⁾	- / -	20 / 0.360	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.360
1.1.2) BFT A Kits (MH-53) SUPP - NonOrganic	18 / 0.568	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.568
1.1.3) CH-53E CSA A Kits-OCO - NonOrganic	130 / 1.540	22 / 0.550	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	152 / 2.090
1.1.4) MH ASE Suite A-kits - Organic	30 / 2.403	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 2.403
1.1.5) MH-53E ASE Prerequisite Kits - Organic	20 / 0.112	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.112
1.1.6) MH-53E ASE Prerequisite Kits SUPP - Organic	150 / 0.263	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 0.263
1.1.7) SMFCD A Kits - NonOrganic ⁽³⁾	25 / 6.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 6.750
1.1.8) SMFCD A Kits-OCO - NonOrganic ⁽⁴⁾	5 / 2.100	37 / 1.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 3.580
1.1.9) ARCHIVED A KITS - Organic	702 / 4.984	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	702 / 4.984
Subtotal Recurring	1,080 / 18.720	79 / 2.390	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,159 / 21.110
Non-Recurring												
1.2.1) Installation Kits-N/R - Organic	- / 0.548	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.548
1.2.2) Installation Kits-N/R OCO - Organic	- / 7.308	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.308
1.2.3) Installation Cost - Prior Year - Organic	702 / 9.435	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	702 / 9.435
Subtotal Non-Recurring	702 / 17.291	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	702 / 17.291
B Kits												
Recurring												
2.1.1) CH-53E CSA B Kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 7.250	29 / 7.250
2.1.2) CH-53E CSA B Kits-OCO Ceramic Panels - Organic	50 / 11.224	4 / 0.740	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 11.964
2.1.3) CH-53E CSA B Kits-OCO Titanium Panels - Organic	- / -	12 / 0.420	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.420
2.1.4) CH-53E CSA B Kits-OCO Storage Box - Organic	- / -	4 / 0.060	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.060
2.1.5) CH-53E CSA B Kits-OCO Brackets - Organic	- / -	12 / 0.180	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.180
2.1.7) SMFCD B kits-OCO - Organic	5 / 0.925	37 / 7.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 8.325

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)				
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total				Type Modification: SAFETY, READINESS AND MAINTAINABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.1.8) ARCHIVED B KITS - Organic	601 / 20.057	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	601 / 20.057
Subtotal Recurring	656 / 32.206	69 / 8.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 7.250	754 / 48.256
Non-Recurring												
2.2.2) Installation Equipment N/R-OCO - Organic	- / 2.807	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.807
Subtotal Non-Recurring	- / 2.807	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.807
Total, H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	2,438 / 71.024	148 / 11.190	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 7.250	2,615 / 89.464
Total Procurement, All Modifications	2,438 / 71.024	148 / 11.190	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 7.250	2,615 / 89.464
Support												
3.1) Engineering Change Orders	- / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.050
3.2) Engineering Change Orders - OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Data	- / 0.996	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.996
3.4) Data - OCO	- / 0.673	- / 0.194	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.867
3.5) Software	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Software - OCO	- / 0.459	- / 0.695	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.154
3.7) Training Equipment	- / 0.693	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.693
3.8) Training Equipment - OCO	- / 2.942	- / 2.925	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.867
3.9) Support Equipment	- / 0.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.320
3.10) ILS	- / 1.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.275
3.11) ILS - OCO (CSA)	- / -	- / 0.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.275
3.12) Other Support	- / 18.080	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.080
3.13) Other Support - OCO (CSA)	- / 2.798	- / 0.824	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.622
3.14) Other Support - OCO (SMFCD)	- / 4.604	- / 4.535	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.139
3.15) Interim Contractor Support	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500
Total Support, All Modifications	34.390	9.448	-	-	-	-	-	-	-	-	-	43.838
Total Procurement and Support	105.414	20.638	-	-	-	-	-	-	-	-	7.250	133.302
H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) Installation Cost	- / 1.306	- / 6.530	- / -	- / 1.680	- / -	- / 1.680	- / 1.200	- / 0.330	- / -	- / -	- / -	- / 11.046
Total Installation Cost	- / 1.306	- / 6.530	- / -	- / 1.680	- / -	- / 1.680	- / 1.200	- / 0.330	- / -	- / -	- / -	- / 11.046
Total Cost (Procurement + Support + Installation)	106.720	27.168	-	1.680	-	1.680	1.200	0.330	-	-	7.250	144.348

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)				
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total				Type Modification: SAFETY, READINESS AND MAINTAINABILITY				Related RDT&E PEs:				
Manufacturer Information: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)												
Manufacturer Name: Lockheed Martin-BFT							Manufacturer Location: Lexington, KY					
Administrative Leadtime (<i>in Months</i>): 8							Production Leadtime (<i>in Months</i>): 1					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	May 2012											
Delivery Dates	Jun 2012											
Manufacturer Name: LifePort Inc-CSA							Manufacturer Location: Woodland, WA					
Administrative Leadtime (<i>in Months</i>): 10							Production Leadtime (<i>in Months</i>): 6					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Aug 2012											
Delivery Dates	Feb 2013											
Manufacturer Name: Raytheon-SMFCD							Manufacturer Location: Indianapolis, IN					
Administrative Leadtime (<i>in Months</i>): 10							Production Leadtime (<i>in Months</i>): 4					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Aug 2012											
Delivery Dates	Dec 2012											
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)												
Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (BFT)								
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	18 / 0.396	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.396
FY 2012	- / -	- / 2.660	20 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 2.660
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:

Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)				Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (BFT)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	18 / 0.396	- / 2.660	20 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 3.056

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	18	-	-	-	-	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	
Out	18	-	-	-	-	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	

Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)				Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (CSA)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	2 / 0.060	0 / 1.650	43 / 0.000	56 / 1.680	0 / 0.000	56 / 1.680	29 / 0.870	- / -	- / -	- / -	- / -	130 / 4.260
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.330	11 / 0.330	- / -	- / -	- / -	22 / 0.660
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 0.060	- / 1.650	43 / -	56 / 1.680	- / -	56 / 1.680	40 / 1.200	11 / 0.330	- / -	- / -	- / -	152 / 4.920

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0528 - H-53 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total		Type Modification: SAFETY, READINESS AND MAINTAINABILITY		Related RDT&E PEs:	

Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)										Method of Implementation: CONTRACTOR FIELD MOD TEAM										Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (CSA)									

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2	-	-	-	-	-	15	14	14	14	14	14	14	10	10	9	11	11	-	-	-	-	-	-	-	-	-	-	-	-	152
Out	2	-	-	-	-	-	15	14	14	14	14	14	14	10	10	9	11	11	-	-	-	-	-	-	-	-	-	-	-	-	152

Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)										Method of Implementation: CONTRACTOR FIELD MOD TEAM										Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (SMFCD)									

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years		0 / 0.850	30 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.850
FY 2012	- / -	- / 2.220	31 / -	6 / -	- / -	6 / -	- / -	- / -	- / -	- / -	- / -	37 / 2.220
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.850	30 / 2.220	31 / -	6 / -	- / -	6 / -	- / -	- / -	- / -	- / -	- / -	67 / 3.070

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	30	6	6	10	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	
Out	-	-	-	-	30	6	6	10	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	

Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)										Method of Implementation: Not Installed - MH ASE Suite A-kits										Installation Quantity: 30									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - MH-53E ASE Prerequisite Kits	Installation Quantity: 20
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - MH-53E ASE Prerequisite Kits SUPP	Installation Quantity: 150
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Organic - ARCHIVED A KITS	Installation Quantity: 702
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - Installation Cost - Prior Year	Installation Quantity: 702
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - CH-53E CSA B Kits	Installation Quantity: 29
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - CH-53E CSA B Kits-OCO Ceramic Panels	Installation Quantity: 54
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - CH-53E CSA B Kits-OCO Titanium Panels	Installation Quantity: 12
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - CH-53E CSA B Kits-OCO Storage Box	Installation Quantity: 4
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - CH-53E CSA B Kits-OCO Brackets	Installation Quantity: 12
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - SMFCD B kits-OCO	Installation Quantity: 42
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - ARCHIVED B KITS	Installation Quantity: 601

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
Footnotes: (2) 20 Visually Degraded Environment (VDE) kits are being installed simultateously with BFT Kits. (3) Prior year kits (25) installation cost funded in Prior year. Will install in FY12. (4) Prior year kits (5) installation costs funded in prior year. Kits will install in FY 12.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)				
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	148.559	51.139	37.661	28.854	-	28.854	18.363	13.533	16.319	14.741	95.588	424.757
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	148.559	51.139	37.661	28.854	-	28.854	18.363	13.533	16.319	14.741	95.588	424.757
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	148.559	51.139	37.661	28.854	-	28.854	18.363	13.533	16.319	14.741	95.588	424.757
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:

The H-53 Aircraft are included in the Headquarters Marine Corps Aviation Plan through Calendar Year 2025. The H-53 Aircraft Sustainment Strategy targets initiatives to remedy the top age-related maintenance degraders, fatigue life limiters, and safety issues that impede the aircraft's ability to operate into the future. This program implements a concentrated effort to utilize improvements to the H-53 component obsolescence (e.g. Engine Air Particle Separator (EAPS) redesign), structural limitations (e.g. transition bulkhead and station 820 structural improvement), aircrew safety systems and program sustainment support. This effort will sustain the H-53 legacy fleet in an affordable manner until the H-53 follow-on aircraft becomes available.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The H-53 Sustainment Program Acquisition Strategy was approved by Program Executive Office(Aircraft) in March 2006, to be executed as four Abbreviated Acquisition Programs (AAPs) for (1) Fatigue, (2) Obsolescence, (3) Readiness, and (4) Safety. Each AAP consists of several independent projects, each of which has an independent platform effectivity, acquisition strategy, production lead time, production rate and quantity, and installation approach. Thus, they are not amenable to a "block upgrade" type approach. Each year of the program will involve non-recurring engineering (NRE) on some projects, leading to production and installation in out-years. Other projects require little or no NRE and can be acquired and installed quickly during maintenance.

Notes:

1. EAPS A Kits are QTY (3) per aircraft; Engineering Change Proposal 6503 increased EAPS total qty from 513 to 642; EAPS prior year QTY (366) kits with Overseas Contingency Operations (OCO) funds are installed starting in FY12.

2. EAPS Improvement delay in install is due to Aircraft Availability.

3. Arc Fault Circuit Breaker (AFCB)- Prior Year QTY (433) represented individual circuit cards, Prior year QTY changed to (161) to represent aircraft total kit quantities. AFCB is a Comercial Off The Shelf item and there is no associated contract/delivery data.

4. Common Generator Control Unit project was canceled, will procure Improved Generator Control Unit as B kit.

5. CH-53E EAPS Seal QTY (65) was procured as A Kit but not installed due to cancellation of effort.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
6. Install schedule for #2 Engine Backflow incorrectly reflected prior year installs-kits were procured with FY10 OCO funding but installs have been delayed due to technical issues with the design. 7. Install schedules for Aircrew Cooling, and Kapton incorrectly reflected prior year quantities, and have been updated. 8. AFCB install schedule has been added. Long Lead time for administration of contract. Delivery delayed due to production time and MH/CH-53E aircraft availability. 9. Helicopter Emergency Egress Lighting System was incorrectly shown as a B Kit procurement and has been moved to an A Kit procurement with an install schedule shown. 10. FY12 is the last year for Transition Bulkhead installs. 11. EAPS, Kapton and Aircrew Cooling installs are funded with prior year OCO funds. 12. AFCB Installs on hold due to pending engineering investigation. Current Active Modifications: Engine Backflow (CH/MH-E)-NonOrganic - Installation of a new ram-air duct onto the #2 engine cowling to improve airflow through the engine compartment to mitigate a top H-53 safety risk of hot engine exhaust back-flowing through the compartment that has led to in-flight fires and loss of aircraft. Aircrew Cooling-NonOrganic - installation of mini cooling units in the H-53E cabin to mitigate heat stress for aircrew. Arc Fault Circuit Breaker (AFCB)-NonOrganic - replaces legacy thermal circuit breakers with modernized solid-state electronic circuit breakers able to react in a timely manner to a wiring fault, reducing potential of electrical arcing and inflight fires. CH-53 Engine Air Particle Separator (EAPS) Kits - integration hardware, subsystem modifications, and system components necessary to install the EAPS Bypass replacement kits to the H-53 aircraft structure. CH-53 EAPS Bypass - kit improvements to greatly reduce/eliminate current issues between EAPS barrel and engine decreasing erosion to blades and vanes, increasing power margins, decreasing unscheduled engine maintenance or removals and increasing availability. EAPS Improv Kits H-53 Helicopter Emergency Egress Lighting System (HEELS) - installation of a self-contained, fiber formed electro-luminescent technology that lights escape paths for crew/passengers to maintain orientation in the event of a mishap. Kapton Wiring Kits - Replaces deficient legacy wiring throughout the H-53E cabin. Now known to rapidly degrade with age, particularly in the maritime environment that naval aircraft operate and have been cited as the causal factor of over 100 documented incidences of electric malfunction and fire. Obsolescent Components - installation of upgrades/replacements to various obsolete legacy components. Transition Bulkhead (CH/MH-E)-NonOrganic - removes and replaces fatigue life limited airframe structural component. Future Modifications: Engine Start Valve Kits-Organic Improved Transformer-Rectifier Unit-Organic Safety/Readiness Improvement Kits-Organic Soundproofing Retention Kits-Organic Archived Modifications: Cooling Shroud Kits-Organic CH-53E EAPS Seal-OCO-Organic Engine Sling Kits-Organic Gyro Replacement (CH-53D)-Organic Gyro Replacement (CH-D)Supp-Organic Main Rotor Head (MRH) Weight Bracket Supp-Organic Nose Gear Box Improved Seal Kits-Organic		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
Nose Landing Gear Door Bracket-Organic Ramp Conversion Kits-Organic Station 820 bulkhead-H-53 Sustainment (OSIP 08-06)-Organic Tail Rotor Drive Shaft (TRDS) Fitting Kit (CH/MH-E)-Organic Wiring diagnostics kits (H-53)-Organic CH-53D/E HEELS B Kits-Organic Aircrew Cooling B Kits-Organic CH-53 Aircrew Cooling OCO-Organic Aircrew Cooling Garments-Organic Electric Cargo Winch-Organic Improved Rotor Blade (IRB)SUPP-Organic MH-53E HEELS-Organic Ramp Cables-Organic Operational Commitments have kept Aircraft from inducting on time delaying installs funded with Overseas Operation Contingency (OCO) funds.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (Modification Number - Modification Title): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)				
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-53 A/C SUSTAINMENT (OSIP 008-06)													
A Kits													
Recurring													
1.1.1) #2 Engine Backflow (CH/MH-E) - NonOrganic ⁽⁵⁾	201 / 0.353	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	201 / 0.353	
1.1.2) Aircrew Cooling - NonOrganic	49 / 1.359	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 1.359	
1.1.3) CH-53E Aircrew Cooling GEN II OCO - NonOrganic	15 / 0.083	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.083	
1.1.4) CH-53E Aircrew Cooling GEN II REV OCO - NonOrganic	50 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 1.200	
1.1.5) CH-53Aircrew Cooling OCO - NonOrganic	59 / 1.199	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	59 / 1.199	
1.1.6) Arc Fault Circuit Break (H-53) - NonOrganic	161 / 5.242	22 / 0.243	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	183 / 5.485	
1.1.8) CH-53 EAPS Bypass - OCO - NonOrganic	366 / 3.992	180 / 1.870	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	546 / 5.862	
1.1.10) EAPS Improv Kits (CH/MH-E) - NonOrganic	- / -	96 / 0.980	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	96 / 0.980	
1.1.12) Engine Start Valve Kits - Organic	- / -	- / -	- / -	92 / 0.276	- / -	92 / 0.276	91 / 0.273	- / -	- / -	- / -	- / -	183 / 0.549	
1.1.13) H-53 HEELS (Cong) - NonOrganic	216 / 1.853	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / 1.853	
1.1.14) H-53 HEELS Rev-A - NonOrganic	152 / 0.106	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	152 / 0.106	
1.1.15) Kapton Wiring Kits (H-53) - NonOrganic	95 / 14.725	12 / 6.015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	107 / 20.740	
1.1.16) Kapton Wiring Kits (H-53) Supp - NonOrganic	35 / 8.685	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 8.685	
1.1.17) Kapton Wiring Kits (H-53) OCO - NonOrganic	54 / 8.504	88 / 14.150	20 / 3.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	162 / 26.054	
1.1.18) Obsolescent Components (H-53) - NonOrganic	139 / 4.033	- / -	- / -	53 / 0.300	- / -	53 / 0.300	- / -	- / -	- / -	- / -	174 / 22.143	366 / 26.476	
1.1.20) Transition Bulkhead (CH/MH-E) - NonOrganic	67 / 5.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 5.100	
1.1.21) ARCHIVED A KITS - Organic	1,176 / 11.120	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,176 / 11.120	
Subtotal Recurring	2,835 / 67.554	398 / 23.258	20 / 3.400	145 / 0.576	- / -	145 / 0.576	91 / 0.273	- / -	- / -	- / -	174 / 22.143	3,663 / 117.204	
Non-Recurring													
1.2.1) Installation Kits (including Automatic Flight Control System) - Organic	- / 9.338	- / 13.130	- / 17.280	- / 11.577	- / -	- / 11.577	- / 4.487	- / 4.103	- / 9.518	- / 7.986	- / 11.800	- / 89.219	
1.2.2) Installation Kits (OCO) - Organic	- / 3.926	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.926	
Subtotal Non-Recurring	- / 13.264	- / 13.130	- / 17.280	- / 11.577	- / -	- / 11.577	- / 4.487	- / 4.103	- / 9.518	- / 7.986	- / 11.800	- / 93.145	
B Kits													
Recurring													

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)				
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.1.1) Improved Transformer-Rectifier Unit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	400 / 4.000	400 / 4.000
2.1.2) Safety/Readiness Improvement Kits - Organic	- / -	- / -	- / -	18 / 1.473	- / -	18 / 1.473	29 / 2.366	37 / 3.175	42 / 3.694	93 / 3.918	53 / 2.075	272 / 16.701
2.1.4) Rotor Blade Coating (H53) - OCO - Organic	- / -	40 / 2.895	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 2.895
2.1.5) Soundproofing Retention Kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	183 / 9.150	183 / 9.150
2.1.6) CH-53E Single Point Pendant Box Kits (SPPB) - Organic	- / -	40 / 0.952	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.952
2.1.7) ARCHIVED B KITS - Organic	1,041 / 14.046	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,041 / 14.046
Subtotal Recurring	1,041 / 14.046	80 / 3.847	- / -	18 / 1.473	- / -	18 / 1.473	29 / 2.366	37 / 3.175	42 / 3.694	93 / 3.918	636 / 15.225	1,976 / 47.744
Non-Recurring												
2.2.1) Installation Cost - Prior Year - Organic	- / 3.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.552
2.2.2) Installation Equipment - Organic	- / 0.125	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.125
Subtotal Non-Recurring	- / 3.677	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.677
Total, H-53 A/C SUSTAINMENT (OSIP 008-06)	3,876 / 98.541	478 / 40.235	20 / 20.680	163 / 13.626	- / -	163 / 13.626	120 / 7.126	37 / 7.278	42 / 13.212	93 / 11.904	810 / 49.168	5,639 / 261.770
Total Procurement, All Modifications	3,876 / 98.541	478 / 40.235	20 / 20.680	163 / 13.626	- / -	163 / 13.626	120 / 7.126	37 / 7.278	42 / 13.212	93 / 11.904	810 / 49.168	5,639 / 261.770
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data - OCO	- / 0.512	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.512
3.3) Data	- / 0.884	- / -	- / 0.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.234
3.4) Training Equipment	6 / 0.030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.030
3.5) Training Equipment - OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Support Equipment	104 / 0.899	- / 0.670	- / 0.085	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.850	104 / 2.504
3.7) Support Equipment-OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.8) ILS	- / 3.732	- / 0.517	- / -	- / 0.320	- / -	- / 0.320	- / 0.326	- / 0.375	- / 0.525	- / 0.550	- / -	- / 6.345
3.9) Other Support	- / 29.513	- / 6.072	- / 6.828	- / 5.738	- / -	- / 5.738	- / 3.583	- / 2.140	- / 2.582	- / 2.287	- / 44.260	- / 103.003
3.10) Other Support - OCO	- / 1.702	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.702
3.11) Interim Contractor support	- / 0.270	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.270
Total Support, All Modifications	37.542	7.259	7.263	6.058	-	6.058	3.909	2.515	3.107	2.837	45.110	115.600
Total Procurement and Support	136.083	47.494	27.943	19.684	-	19.684	11.035	9.793	16.319	14.741	94.278	377.370
H-53 A/C SUSTAINMENT (OSIP 008-06) Installation Cost	- / 12.476	- / 3.645	- / 9.718	- / 9.170	- / -	- / 9.170	- / 7.328	- / 3.740	- / -	- / -	- / 1.310	- / 47.387
Total Installation Cost	- / 12.476	- / 3.645	- / 9.718	- / 9.170	- / -	- / 9.170	- / 7.328	- / 3.740	- / -	- / -	- / 1.310	- / 47.387

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)				
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
Total Cost (Procurement + Support + Installation)	148.559	51.139	37.661	28.854	-	28.854	18.363	13.533	16.319	14.741	95.588	424.757

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)	
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT		Related RDT&E PEs:	
Manufacturer Information: H-53 A/C SUSTAINMENT (OSIP 008-06)							
Manufacturer Name: Sikorsky Aircraft Corp-#2 Eng Backflow				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 22			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Manufacturer Name: Carleton Tech, Inc-Aircrew Cooling Kits				Manufacturer Location: Orchard Park, NY			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 2			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Manufacturer Name: Sikorsky Aircraft Corp-EAPS Seals/Improvement				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 9				Production Leadtime (<i>in Months</i>): 17			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jul 2012						
Delivery Dates	Dec 2013						
Manufacturer Name: SAIC-Kapton Wiring				Manufacturer Location: Crane, IN			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 16			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012	Mar 2013					
Delivery Dates	Jul 2013	Jul 2014					
Manufacturer Name: Sikorsky Aircraft Corp-Obsolescent Components				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 7				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			May 2014				
Delivery Dates			Oct 2014				
Manufacturer Name: Sikorsky Aircraft Corp-Transition Bulkhead				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 19			

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)				
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:				
Manufacturer Information: H-53 A/C SUSTAINMENT (OSIP 008-06)												
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Manufacturer Name: L-3-HEELS Rev A				Manufacturer Location: Bluegrass, KY								
Administrative Leadtime (<i>in Months</i>): 11				Production Leadtime (<i>in Months</i>): 3								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Manufacturer Name: Eaton - AFCB				Manufacturer Location: Sarasota, FL								
Administrative Leadtime (<i>in Months</i>): 15				Production Leadtime (<i>in Months</i>): 12								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Dec 2012											
Delivery Dates	Dec 2013											
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)			Method of Implementation: CONTRACTOR FIELD MOD TEAM					Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) #2 Engine Backflow				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	67 / 0.350	67 / 0.237	0 / 0.000	67 / 0.237	67 / 0.193	- / -	- / -	- / -	- / -	201 / 0.780
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	67 / 0.350	67 / 0.237	- / -	67 / 0.237	67 / 0.193	- / -	- / -	- / -	- / -	201 / 0.780

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0528 - H-53 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)										
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total											Type Modification: MISSION/PERFORMANCE SUSTAINMENT											Related RDT&E PEs:										
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)											Method of Implementation: CONTRACTOR FIELD MOD TEAM											Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) #2 Engine Backflow										
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	15	17	17	18	15	17	17	18	17	17	17	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	201
Out	-	-	-	-	-	15	17	17	18	15	17	17	18	17	17	17	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	201
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)											Method of Implementation: CONTRACTOR FIELD MOD TEAM											Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Aircrew Cooling										
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		80 / 1.456		58 / 1.014		22 / 0.253		13 / 0.256		0 / 0.000		13 / 0.256		- / -		- / -		- / -		- / -		- / -		- / -		173 / 2.979						
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		80 / 1.456		58 / 1.014		22 / 0.253		13 / 0.256		- / -		13 / 0.256		- / -		- / -		- / -		- / -		- / -		- / -		173 / 2.979						
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	80	15	15	15	13	7	7	8	-	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	
Out	80	15	15	15	13	7	7	8	-	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)			
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:			

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)				Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Arc Fault Circuit Breaker (AFCB)			

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
All Prior Years	6 / 0.048	93 / 0.486	58 / 0.347	4 / 0.017	0 / 0.000	4 / 0.017	- / -	- / -	- / -	- / -	- / -	161 / 0.898
FY 2012	- / -	- / -	- / -	22 / 0.095	- / -	22 / 0.095	- / -	- / -	- / -	- / -	- / -	22 / 0.095
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 0.048	93 / 0.486	58 / 0.347	26 / 0.112	- / -	26 / 0.112	- / -	- / -	- / -	- / -	- / -	183 / 0.993

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	6	9	-	-	84	16	14	14	14	15	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	
Out	6	9	-	-	84	16	14	14	14	15	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183	

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)			Method of Implementation: CONTRACTOR FIELD MOD TEAM					Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) EAPS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	0 / 0.250	142 / 0.960	224 / 0.119	0 / 0.000	224 / 0.119	- / -	- / -	- / -	- / -	- / -	366 / 1.329
FY 2012	- / -	- / -	- / -	183 / 0.640	- / -	183 / 0.640	48 / 0.192	45 / 0.180	- / -	- / -	- / -	276 / 1.012
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)			
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:			

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)			Method of Implementation: CONTRACTOR FIELD MOD TEAM					Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) EAPS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / 0.250	142 / 0.960	407 / 0.759	- / -	407 / 0.759	48 / 0.192	45 / 0.180	- / -	- / -	- / -	642 / 2.341

Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	70	72	115	118	115	59	12	12	12	12	15	15	15	-	-	-	-	-	-	-	-	-	-	-	642
Out	-	-	-	-	-	-	-	70	72	115	118	115	59	12	12	12	12	15	15	15	-	-	-	-	-	-	-	-	-	-	-	642

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)			Method of Implementation: CONTRACTOR FIELD MOD TEAM					Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Helicopter Emergency Egress Lighting System (HEELS)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	209 / 1.666	63 / 0.166	13 / 0.026	55 / 0.110	0 / 0.000	55 / 0.110	28 / 0.056	- / -	- / -	- / -	- / -	368 / 2.024
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	209 / 1.666	63 / 0.166	13 / 0.026	55 / 0.110	- / -	55 / 0.110	28 / 0.056	- / -	- / -	- / -	- / -	368 / 2.024

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0528 - H-53 Series			Modification Nomenclature (Modification Number - Modification Title): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)			
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total			Type Modification: MISSION/PERFORMANCE SUSTAINMENT			Related RDT&E PEs:			

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)										Method of Implementation: CONTRACTOR FIELD MOD TEAM										Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Helicopter Emergency Egress Lighting System (HEELS)									

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	209	15	16	16	16	3	3	3	4	13	14	14	14	7	7	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	368
Out	209	15	16	16	16	3	3	3	4	13	14	14	14	7	7	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	368

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)										Method of Implementation: CONTRACTOR FIELD MOD TEAM										Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Kapton Wiring									

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	136 / 7.026	17 / 0.692	20 / 5.038	11 / 0.000	0 / 0.000	11 / 0.000	- / -	- / -	- / -	- / -	- / -	184 / 12.756
FY 2012	- / -	- / -	12 / 2.276	40 / 6.791	- / -	40 / 6.791	28 / 3.857	20 / 3.300	- / -	- / -	- / -	100 / 16.224
FY 2013	- / -	- / -	- / -	5 / 0.905	- / -	5 / 0.905	15 / 2.760	- / -	- / -	- / -	- / -	20 / 3.665
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	136 / 7.026	17 / 0.692	32 / 7.314	56 / 7.696	- / -	56 / 7.696	43 / 6.617	20 / 3.300	- / -	- / -	- / -	304 / 32.645

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	136	4	4	5	4	2	2	8	20	13	13	13	17	12	12	12	7	5	5	5	5	-	-	-	-	-	-	-	-	-	304
Out	136	4	4	5	4	2	2	8	20	13	13	13	17	12	12	12	7	5	5	5	5	-	-	-	-	-	-	-	-	-	304

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0528 - H-53 Series			Modification Nomenclature (Modification Number - Modification Title): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)	
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total			Type Modification: MISSION/PERFORMANCE SUSTAINMENT			Related RDT&E PEs:	

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)			Method of Implementation: CONTRACTOR FIELD MOD TEAM					Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Obsolescent Components				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	105 / 1.147	16 / 0.415	18 / 0.468	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	139 / 2.030
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	27 / 0.270	26 / 0.260	- / -	- / -	- / -	53 / 0.530
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	174 / 1.310	174 / 1.310
Total	105 / 1.147	16 / 0.415	18 / 0.468	- / -	- / -	- / -	27 / 0.270	26 / 0.260	- / -	- / -	174 / 1.310	366 / 3.870

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	105	4	4	4	4	5	4	5	4	-	-	-	-	6	6	8	7	8	6	6	6	-	-	-	-	-	-	-	-	174	366
Out	105	4	4	4	4	5	4	5	4	-	-	-	-	6	6	8	7	8	6	6	6	-	-	-	-	-	-	-	-	174	366

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)			Method of Implementation: CONTRACTOR FIELD MOD TEAM					Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Transition Bulkhead				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	All Prior Years	58 / 1.133	9 / 0.622	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 1.755
	FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
	FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
	FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
	FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0528 - H-53 Series										Modification Nomenclature (Modification Number - Modification Title): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)													
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total										Type Modification: MISSION/PERFORMANCE SUSTAINMENT										Related RDT&E PEs:													
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)										Method of Implementation: CONTRACTOR FIELD MOD TEAM										Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Transition Bulkhead													
Installation Cost										Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total												
										Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)								
FY 2016										-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-
FY 2017										-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-
FY 2018										-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-
To Complete										-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-
Total										58 / 1.133	9 / 0.622	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	67 / 1.755
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	58	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67		
Out	58	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67		
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)										Method of Implementation: Not Installed - Engine Start Valve Kits										Installation Quantity: 183													
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)										Method of Implementation: Not Installed - ARCHIVED A KITS										Installation Quantity: 1176													
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)										Method of Implementation: Not Installed - Improved Transformer-Rectifier Unit										Installation Quantity: 400													
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)										Method of Implementation: Not Installed - Safety/Readiness Improvement Kits										Installation Quantity: 272													
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)										Method of Implementation: Not Installed - Rotor Blade Coating (H53) - OCO										Installation Quantity: 40													
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)										Method of Implementation: Not Installed - Soundproofing Retention Kits										Installation Quantity: 183													

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - H-53 A/C SUSTAINMENT (OSIP 008-06)
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - CH-53E Single Point Pendant Box Kits (SPPB)	Installation Quantity: 40
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - ARCHIVED B KITS	Installation Quantity: 1041
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 6
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 104
Footnotes: ⁽⁵⁾ Engine Backflow Prior year Qty of 19 in prior year installation was an error. It has been corrected.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (Modification Number - Modification Title): 8 - VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)				
Models of Systems Affected: CH-53E (152)			Type Modification: SAFETY/PERFORMANCE				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	78.951	1.363	-	-	-	-	-	-	-	-	-	80.314
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	78.951	1.363	-	-	-	-	-	-	-	-	-	80.314
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	78.951	1.363	-	-	-	-	-	-	-	-	-	80.314
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
Visually Degraded Environment (VDE) is the greatest unmitigated challenge faced by Marine Aviation in its current operating environment. The loss of visual ground reference during night landings to unimproved, dusty landing zones is the greatest safety risk to H-53 aircrew, passengers and aircraft. The H-53 will continue to operate in VDE and continue to endanger flight crews and passengers while flying in a low altitude/low airspeed regime or landing in unimproved landing zones in conditions that may cause loss of a visual reference due to dust, snow, fog, smoke or darkness. A VDE solution will facilitate mission accomplishment in all degraded cueing environments, prevent degraded cueing environment mishaps and subsequent loss of life and assets. Reference: CH-53 Zero Visibility Landing System Urgent Need Statement # 06069UB, approved 27 February 06.												
Phase I VDE solution was incorporated as part of the Critical Survivability Upgrade (CSU) procuring software development, equipment and data rights for the incorporation of VDE in the Heads Up Display (HUD). Additionally, SATCOM 1851A radios, Radio Controlled Unit (RCU's), Radio Transmitter (RT's) antennas, mounts, wiring kits and navigational faceplates are procured as part of the solution.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Program Management Air Office 261 is currently supporting technology development, demonstration, and integration in a phased approach to the VDE solution. Prototype installation of a system providing enhanced cuing to the flying pilot is underway. Technology development and demonstration of laser and Radio Frequency based systems are underway with flight test of a laser-based system, as installed on an H-53 September, 2009. Cancellation of the Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) program for the CH-53E in FY10 resulted in a restructuring of the approach to providing pilots with advanced cuing in VDE. This was accomplished by integration with the previously installed Embedded Global Positioning System and Inertial navigation system and Head's Up Display. Installs of this solution were performed incidentally with other avionics changes beginning in FY11.												
Notes:												
1. Installation of QTY (152) VDE A-kits [procured in VDE OSIP 20-07 with FY10 Overseas Contingency Operations (OCO)] are occurring simultaneously with Blue Force Tracker installs. Of the (152) installs, QTY (20) will occur in FY12 with OCO funding in Survivability Operational, Safety, and Improvement Program (OSIP) 15-05. Remaining installs QTY (40)will be completed with OCO funding in Avionics OSIP 31-12.												
2. Operational commitment has kept Aircraft from inducting on time, delaying installation.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 8 - VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)
Models of Systems Affected: CH-53E (152)	Type Modification: SAFETY/PERFORMANCE	Related RDT&E PEs:
Operational Commitments have kept Aircraft from inducting on time delaying installs funded with Overseas Operation Contingency (OCO) funds.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (Modification Number - Modification Title): 8 - VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)				
Models of Systems Affected: CH-53E (152)				Type Modification: SAFETY/PERFORMANCE				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)													
A Kits													
Recurring													
1.1.1) SATCOM A-Kits-OCO - NonOrganic	132 / 3.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	132 / 3.750	
1.1.2) VDE A-Kits-OCO - NonOrganic	152 / 10.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	152 / 10.900	
1.1.3) CNS/ATM Kits Supp - Organic	4 / 2.291	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.291	
Subtotal Recurring	288 / 16.941	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	288 / 16.941	
B Kits													
Recurring													
2.1.2) SATCOM B-kits-OCO - Organic	- / 16.030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.030	
2.1.3) ADAP B-kits-OCO - Organic	- / 3.732	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.732	
Subtotal Recurring	- / 19.762	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.762	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 3.536	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.536	
Subtotal Non-Recurring	- / 3.536	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.536	
Total, VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	288 / 40.239	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	288 / 40.239	
Total Procurement, All Modifications	288 / 40.239	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	288 / 40.239	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 2.644	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.644	
3.3) Software	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Software-OCO	- / 2.307	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.307	
3.5) Training Equipment	- / 6.140	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.140	
3.6) Training Equipment-OCO	- / 2.284	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.284	
3.7) Support Equipment	- / 0.243	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.243	
3.8) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.9) Other Support	- / 12.744	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.744	
3.10) Other Support-OCO	- / 10.921	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.921	
3.11) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)			
Models of Systems Affected: CH-53E (152)				Type Modification: SAFETY/PERFORMANCE					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<i>Total Support, All Modifications</i>	37.283	-	-	-	-	-	-	-	-	-	-	37.283	
<i>Total Procurement and Support</i>	77.522	-	-	-	-	-	-	-	-	-	-	77.522	
VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) Installation Cost	- / 1.429	- / 1.363	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.792	
<i>Total Installation Cost</i>	- / 1.429	- / 1.363	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.792	
Total Cost (Procurement + Support + Installation)	78.951	1.363	-	-	-	-	-	-	-	-	-	80.314	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)				
Models of Systems Affected: CH-53E (152)			Type Modification: SAFETY/PERFORMANCE				Related RDT&E PEs:					
Manufacturer Information: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)												
Manufacturer Name: Joint Venture Yulista-VDE						Manufacturer Location: Huntsville, AL						
Administrative Leadtime (<i>in Months</i>): 8						Production Leadtime (<i>in Months</i>): 4						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Manufacturer Name: Rockwell Collins-SATCOM						Manufacturer Location: CEDAR RAPIDS, IA						
Administrative Leadtime (<i>in Months</i>): 4						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)				Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: VISUALLY DEGRADED ENVIRONMENT (OSIP 20-07) SATCOM				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	69 / 1.429	63 / 1.363	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	132 / 2.792
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	69 / 1.429	63 / 1.363	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	132 / 2.792

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0528 - H-53 Series											Modification Nomenclature (Modification Number - Modification Title): 8 - VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)									
Models of Systems Affected: CH-53E (152)										Type Modification: SAFETY/PERFORMANCE										Related RDT&E PEs:											
Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)										Method of Implementation: CONTRACTOR FIELD MOD TEAM										Installation Name: VISUALLY DEGRADED ENVIRONMENT (OSIP 20-07) SATCOM											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	69	15	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132
Out	69	15	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132

Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)										Method of Implementation: CONTRACTOR FIELD MOD TEAM										Installation Name: VISUALLY DEGRADED ENVIRONMENT (OSIP 20-07) VDE							
		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total														
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)														
All Prior Years		92 / 0.000	20 / 0.000	40 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	152 / 0.000														
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
Total		92 / 0.000	20 / -	40 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	152 / -														

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	92	-	-	10	10	-	13	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152
Out	92	-	-	10	10	-	13	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152

Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)										Method of Implementation: Not Installed - CNS/ATM Kits Supp										Installation Quantity: 4							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 9 - DIRCM (OSIP 010-08)				
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total			Type Modification: MISSION/PERFORMANCE SUSTAINMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	200.433	4.370	1.180	2.525	-	2.525	2.515	-	-	-	-	211.023
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	200.433	4.370	1.180	2.525	-	2.525	2.515	-	-	-	-	211.023
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	200.433	4.370	1.180	2.525	-	2.525	2.515	-	-	-	-	211.023
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:

Currently, the H-53 has only Infrared (IR) detection equipment and rudimentary flares for use as countermeasure. This funding is for Engineering Change Proposal (ECP) development, A-kit procurement and installation of a Direct Infrared Counter Measure (DIRCM) system for H-53s. This system will help protect the H-53 which is highly susceptible to IR seeking manpads, the weapon of choice in all current theaters. This system has been found effective against fourth generation IR manpads, and is extremely effective earlier generation manpads.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Non-Recurring engineering (NRE) for the CH-53E began in May 07 and concluded with a completed and verified Technical Directive (TD) in early FY09. Test and Evaluation for the CH-53E began with risk-reduction testing in April 08 and concluded with Initial Operational Test and Evaluation (IOT&E) in late FY09. Critical to early fielding was the Quick reaction assessment, completed in August 08 which lead to an Early Operational Capability (EOC) decision in November 08. Validation and verification were conducted for the CH-53E between May - September 08. Non-Recurring engineering for the CH-53D began in May 08 and concluded with a completed and verified TD in early FY10. The FY11 United States Marine Corps Aviation Plan was released in October 2010 and called for the early retirement of the CH-53D. Development and deployment of the DIRCM system on the CH-53D system was subsequently suspended and remaining funding realigned to other priorities consistent with Headquarters Marine Corps direction. DIRCM is being procured as a mission kit by PMA-272. All CH-53Ds & CH-53Es must be modified with an A-kit to accept the mission kit. Installations surged in FY09 to achieve an EOC and then continue through FY14.

Notes:

1. Total QTY (156) reflects 152 CH-53E kits, (1) maintenance trainer and (3) CH-53D kits (prototype validation/verification).

2. FY11 CH-53 (DIRCM Rev-A) A kits QTY (153) are a revision to an existing kit. QTY (46) are already planned for install with DIRCM baseline kits at no additional cost FY12 and FY13. DIRCM "re-touch" installs will occur FY13-15 QTY (107).

DIRCM baseline (.115/ea)-Prior Year QTY (107), FY12 QTY (38), FY13 QTY (8), TOTAL 153

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 9 - DIRCM (OSIP 010-08)
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
DIRCM Rev A (.151/ea)-FY14 QTY (15), FY15 QTY (18), FY16 QTY (4), FY17 QTY (5) TOTAL 42 DIRCM Rev A retouch (.10/ea)-FY13 QTY (26), FY14 QTY (26), FY15 QTY (25), TOTAL 77		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 9 - DIRCM (OSIP 010-08)					
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total			Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:						
Financial Plan		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement													
DIRCM (OSIP 010-08)													
A Kits													
Recurring													
1.1.1) CH-53E Kits (Ph I) - NonOrganic		17 / 5.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 5.200
1.1.2) CH-53E Kits (Ph II) - NonOrganic		18 / 6.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 6.200
1.1.3) CH-53E Kits (LBAD) SUPP - NonOrganic		14 / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 4.000
1.1.4) CH-53E A Kits SUPP - NonOrganic		14 / 2.911	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 2.911
1.1.5) CH-53 Kits - NonOrganic		44 / 9.811	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 9.811
1.1.6) CH-53E Kits OCO - NonOrganic		46 / 5.483	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 5.483
1.1.7) CH-53E (Rev-A) Val/Ver A-Kits OCO - Organic		2 / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.100
1.1.8) CH-53E (Rev-A) A-kits OCO - NonOrganic		153 / 2.884	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	153 / 2.884
1.1.9) CH-53D Kits OCO - Organic		3 / 1.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.100
1.1.10) DIRCM A Kits (Pax) SUPP - Organic		- / 0.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.800
1.1.11) DIRCM TRUs - Organic		117 / 2.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	117 / 2.500
Subtotal Recurring		428 / 40.989	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	428 / 40.989
Non-Recurring													
1.2.1) Installation Kits N/R - Organic		3 / 5.775	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 5.775
Subtotal Non-Recurring		3 / 5.775	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 5.775
B Kits													
Recurring													
2.1.1) DIRCM B Kits (Phase I) - Organic		16 / 56.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 56.509
2.1.2) DIRCM B Kits (Phase II) - Organic		16 / 43.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 43.300
2.1.3) DIRCM B Kits (batwings) - Organic		15 / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.100
2.1.4) DIRCM B Kits (EGI) - Organic		116 / 6.992	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	116 / 6.992
2.1.5) DIRCM B Kits (EGI) (OCO) - Organic		60 / 1.589	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 1.589
Subtotal Recurring		223 / 108.490	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	223 / 108.490
Total, DIRCM (OSIP 010-08)		654 / 155.254	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	654 / 155.254
Total Procurement, All Modifications		654 / 155.254	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	654 / 155.254
Support													
3.1) Data		- / 0.542	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.542

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0528 - H-53 Series		Modification Nomenclature (Modification Number - Modification Title): 9 - DIRCM (OSIP 010-08)	
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total		Type Modification: MISSION/PERFORMANCE SUSTAINMENT			
				Related RDT&E PEs:	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.2) Training Equipment	- / 0.335	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.335
3.3) Training Equipment-OCO	- / 0.999	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.999
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000
3.6) ILS-OCO	- / 0.234	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.234
3.7) Other Support	- / 13.228	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.228
3.8) Other Support-OCO	- / 9.541	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.541
3.9) Interim Contractor Support	- / 6.041	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.041
Total Support, All Modifications	32.920	-	-	-	-	-	-	-	-	-	-	32.920
Total Procurement and Support	188.174	-	-	-	-	-	-	-	-	-	-	188.174
DIRCM (OSIP 010-08) Installation Cost	- / 12.259	- / 4.370	- / 1.180	- / 2.525	- / -	- / 2.525	- / 2.515	- / -	- / -	- / -	- / -	- / 22.849
Total Installation Cost	- / 12.259	- / 4.370	- / 1.180	- / 2.525	- / -	- / 2.525	- / 2.515	- / -	- / -	- / -	- / -	- / 22.849
Total Cost (Procurement + Support + Installation)	200.433	4.370	1.180	2.525	-	2.525	2.515	-	-	-	-	211.023

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013													
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (Modification Number - Modification Title): 9 - DIRCM (OSIP 010-08)											
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total					Type Modification: MISSION/PERFORMANCE SUSTAINMENT					Related RDT&E PEs:											
Manufacturer Information: DIRCM (OSIP 010-08)																					
Manufacturer Name: Northrop Grumman-DIRCM								Manufacturer Location: Rolling Meadows, IL													
Administrative Leadtime (in Months): 1								Production Leadtime (in Months): 12													
Dates	FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018		
Contract Dates																					
Delivery Dates																					

Installation: DIRCM (OSIP 010-08)				Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: DIRCM (OSIP 010-08)				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	107 / 12.259	38 / 4.370	34 / 1.180	41 / 2.525	0 / 0.000	41 / 2.525	40 / 2.515	- / -	- / -	- / -	- / -	260 / 22.849
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	107 / 12.259	38 / 4.370	34 / 1.180	41 / 2.525	- / -	41 / 2.525	40 / 2.515	- / -	- / -	- / -	- / -	260 / 22.849

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	107	10	10	10	8	8	8	8	10	10	10	10	11	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	260
Out	107	10	10	10	8	8	8	8	10	10	10	10	11	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	260

Installation: DIRCM (OSIP 010-08)					Method of Implementation: Not Installed - CH-53E (Rev-A) Val/Ver A-Kits OCO										Installation Quantity: 2				
Installation: DIRCM (OSIP 010-08)					Method of Implementation: Not Installed - CH-53D Kits OCO										Installation Quantity: 3				

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - DIRCM (OSIP 010-08)
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM TRUs	Installation Quantity: 117
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - Installation Kits N/R	Installation Quantity: 3
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (Phase I)	Installation Quantity: 16
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (Phase II)	Installation Quantity: 16
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (batwings)	Installation Quantity: 15
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (EGI)	Installation Quantity: 116
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (EGI) (OCO)	Installation Quantity: 60

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 10 - H-53 AVIONICS (OSIP 031-12)				
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total			Type Modification: MISSION/PERFORMANCE SUSTAINMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	2.408	6.870	10.716	-	10.716	-	-	-	-	23.337	43.331
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	2.408	6.870	10.716	-	10.716	-	-	-	-	23.337	43.331
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	2.408	6.870	10.716	-	10.716	-	-	-	-	23.337	43.331
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: This Operational, Safety and Improvement Program (OSIP) will fund avionics systems for the H-53 helicopter. The H-53 strategy is to address safety, survivability, system obsolescence, and avionics deficiencies that require correction to maintain platform relevance on an increasingly networked battlefield. Specifically, this OSIP addresses Critical Survivability Upgrade (CSU) installations. CSU leverages the aircraft state, rate, and acceleration data available through integration of the H764G Embedded Global Positioning System/Inertial Navigation System and development of improved hover symbology in providing the Phase I Degraded Visual Environment (DVE) solution. The CSU program also provides the platform for the installation of the APX-123 Transponder meeting Mode 5 Initial Operational Capability requirements. Targeted improvements include, but are not limited to Aircraft Survival Equipment (ASE) upgrades, lack of 8.33 kHz frequency separation Fleet Requirements Document compliance, Area Navigation (RNAV) and Required Navigation Performance (RNP) (RNP/RNAV) certification, Variable Message Format Revision D change 1 compliance, embedded Terrain Avoidance and Warning System (eTAWS) integration, Collision Avoidance System integration, Over-the-Horizon communications and Crash Survivable Flight Data Recorder. Safety related improvements include lack of a solution mitigating Controlled Flight Into Terrain risk when operating in DVE. Blue Force Tracker (BFT) kneeboard hazard is corrected with the incorporation of an integrated Multi-Function Display (MFD) capable of processing and displaying a variety of flight and situational awareness information to pilots. Additionally, this funding provides or the integration of cockpit avionics with ASE to provide time critical data to other battlefield users in order to more rapidly prosecute threats. This funding effort seeks to eliminate these, and other, avionics and ASE related system level deficiencies and safety hazards with the above described improvements as well as ensuring that all H-53 aircraft are equipped with a full complement of ASE required to operate on the modern networked battlefield.												
Smart Multi Function Color Display (SMFCD) improves aircrew safety by reducing pilot workload and fatigue and increases aircrew situational awareness. SMFCD provides an integrated avionics suite that will facilitate safe landings in a degraded visual environment, modernize navigational equipment and enhance situational awareness with a joint single integrated air ground picture. SMFCD provides the capability of displaying a Brown Out Symbology Set (BOSS)on the instrument panel in the pilot's normal field of fiew, allowing aircrews to land in dusty environments, and reducing the risk of Controlled Flight Into Terrain (CFIT) that results in loss of life and aircraft. 7 CH-53 CFIT MISHAPS FY-5-FY12 (2 OIF/5 OEF)resulted in the loss of 3 aircraft and 32 people killed in action. SMFCD provides a real time threat display for the Aircraft Survivability Equipment threat indications currently encountered, such as missiles, small arms, and lasers, overlaid on a real time moving map in the pilot's normal field of view, vice several federated systems scattered around the cockpit. SMFCD further increases safety by eliminating the kneeboard Electronic Display Module (EDM) which currently tethers the pilot to the aircraft, creating an egress hazard during emergency situations. Additionally, SMFCD is a form fit replacement forthe current Forward Looking Infrared (FLIR) display and retains the full FLIR functionality. All Overseas Contingency Operations (OCO) systems will be procured and installed prior to end of FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - H-53 AVIONICS (OSIP 031-12)
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
H-53 Smart Multi Function Color Display (SMFCD) moving to Avionics OSIP 31-12 as of FY14. Current Marine Air Ground Task Force (MAGTF) future force laydown plans shows Air Combat Element (ACE) MAGTF elements will not change in Operation Enduring Freedom (OEF) through FY14. A MAGTF ACE will remain deployed in OEF in order to support Special Operating Forces beyond FY14 (current plans through FY16). Current MAGTF future force laydown plans shows ACE MAGTF elements will not change in OEF through FY14. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: NRE efforts for modification of eTAWS algorithm for the H-53 aircraft will be completed June 13. Production and installation effort of eTAWS capable MFD will complete in September 15. Notes: 1. Installation of QTY (152) Visual Degraded Environment (VDE) A-kits [procured in VDE OSIP 20-07 with FY10 Overseas Contingency Operations (OCO)] are occurring simultaneously with BFT installs. Of the (152) installs, QTY (92) occurred prior year, QTY (20) will occur in FY12 with OCO funding in Survivability OSIP 15-05. Remaining installs will be completed in FY13 QTY (40), with OCO funding in Avionics OSIP 31-12. (QTY (40) BFT kit shown in A-Kit procurement at zero dollars in this OSIP). 2. Smart Multi-Function Color Display (SMFCD) total kit QTY is 160. QTY (152) aircraft installs and (8) trainers. QTY (67) in Survivability OSIP 15-05 and QTY (93) in Avionics OSIP 31-12.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (Modification Number - Modification Title): 10 - H-53 AVIONICS (OSIP 031-12)					
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-53 AVIONICS (OSIP 031-12)													
A Kits													
Recurring													
1.1.1) SMFCD - NonOrganic	- / -	- / -	- / -	11 / 0.440	- / -	11 / 0.440	- / -	- / -	- / -	- / -	82 / 2.388	93 / 2.828	
1.1.3) Blue Force Tracker - BFT - NonOrganic ⁽⁶⁾	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	
Subtotal Recurring	1 / 0.000	- / -	- / -	11 / 0.440	- / -	11 / 0.440	- / -	- / -	- / -	- / -	82 / 2.388	94 / 2.828	
B Kits													
Recurring													
2.1.1) SMFCD Kit - Organic	- / -	- / -	- / -	11 / 2.200	- / -	11 / 2.200	- / -	- / -	- / -	- / -	82 / 12.836	93 / 15.036	
2.1.3) CH-53 ARC-210 SATCOM Kit-OCO - Organic	- / -	40 / 1.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 1.600	
Subtotal Recurring	- / -	40 / 1.600	- / -	11 / 2.200	- / -	11 / 2.200	- / -	- / -	- / -	- / -	82 / 12.836	133 / 16.636	
Total, H-53 AVIONICS (OSIP 031-12)	1 / 0.000	40 / 1.600	- / -	22 / 2.640	- / -	22 / 2.640	- / -	- / -	- / -	- / -	164 / 15.224	227 / 19.464	
Total Procurement, All Modifications	1 / 0.000	40 / 1.600	- / -	22 / 2.640	- / -	22 / 2.640	- / -	- / -	- / -	- / -	164 / 15.224	227 / 19.464	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / -	- / -	- / -	- / 0.547	- / -	- / 0.547	- / -	- / -	- / -	- / -	- / -	- / 0.547	
3.3) Data - OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Software	- / -	- / -	- / -	- / 1.153	- / -	- / 1.153	- / -	- / -	- / -	- / -	- / -	- / 1.153	
3.5) Software - OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Training Equipment - OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.8) Support Equipment	- / -	- / -	- / -	- / 0.600	- / -	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / 0.600	
3.9) ILS	- / -	- / -	- / -	- / 2.110	- / -	- / 2.110	- / -	- / -	- / -	- / -	- / -	- / 2.110	
3.10) ILS-OCO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.11) Other Support	- / -	- / 0.556	- / -	- / 3.006	- / -	- / 3.006	- / -	- / -	- / -	- / -	- / 5.893	- / 9.455	
3.12) Other Support-OCO ⁽⁷⁾	- / -	- / 0.252	- / 2.870	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.122	
3.13) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	0.808	2.870	7.416	-	7.416	-	-	-	-	5.893	16.987	
Total Procurement and Support	0.000	2.408	2.870	10.056	-	10.056	-	-	-	-	21.117	36.451	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - H-53 AVIONICS (OSIP 031-12)			
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
H-53 AVIONICS (OSIP 031-12) Installation Cost	- / 0.000	- / -	- / 4.000	- / 0.660	- / -	- / 0.660	- / -	- / -	- / -	- / -	- / 2.220	- / 6.880
<i>Total Installation Cost</i>	- / 0.000	- / -	- / 4.000	- / 0.660	- / -	- / 0.660	- / -	- / -	- / -	- / -	- / 2.220	- / 6.880
Total Cost (Procurement + Support + Installation)	0.000	2.408	6.870	10.716	-	10.716	-	-	-	-	23.337	43.331

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0528 - H-53 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - H-53 AVIONICS (OSIP 031-12)	
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total		Type Modification: MISSION/PERFORMANCE SUSTAINMENT		Related RDT&E PEs:	

Manufacturer Information: H-53 AVIONICS (OSIP 031-12)							
Manufacturer Name: Lockheed Martin-BFT				Manufacturer Location: Lexington, KY			
Administrative Leadtime (<i>in Months</i>): 8				Production Leadtime (<i>in Months</i>): 1			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Manufacturer Name: Raytheon-SMFCD				Manufacturer Location: Indianapolis, IN			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Jan 2014				
Delivery Dates			May 2014				
Manufacturer Name: Northrop Grumman-APR-39D(V)2				Manufacturer Location: Rolling Meadows, IL			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 10			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014				
Delivery Dates			Dec 2014				
Manufacturer Name: Rockwell Collins-ARC-210				Manufacturer Location: CEDAR RAPIDS, IA			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 10			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Jan 2014				
Delivery Dates			Nov 2014				

Installation: H-53 AVIONICS (OSIP 031-12)				Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 AVIONICS (OSIP 031-12) - SMFCD				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - H-53 AVIONICS (OSIP 031-12)			
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total				Type Modification: MISSION/PERFORMANCE SUSTAINMENT				Related RDT&E PEs:			

Installation: H-53 AVIONICS (OSIP 031-12)				Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 AVIONICS (OSIP 031-12) - SMFCD			

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
FY 2014	- / -	- / -	- / -	11 / 0.660	- / -	11 / 0.660	- / -	- / -	- / -	- / -	- / -	11 / 0.660
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 2.220	37 / 2.220
Total	- / -	- / -	- / -	11 / 0.660	- / -	11 / 0.660	- / -	- / -	- / -	- / -	37 / 2.220	48 / 2.880

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	48
Out	-	-	-	-	-	-	-	-	-	-	-	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	48

Installation: H-53 AVIONICS (OSIP 031-12)				Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 AVIONICS (OSIP 031-12) - Blue Force Tracker			

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
All Prior Years	- / -	- / -	40 / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 4.000
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	40 / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 4.000

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0528 - H-53 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - H-53 AVIONICS (OSIP 031-12)													
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total										Type Modification: MISSION/PERFORMANCE SUSTAINMENT										Related RDT&E PEs:													
Installation: H-53 AVIONICS (OSIP 031-12)																						Method of Implementation: CONTRACTOR FIELD MOD TEAM						Installation Name: H-53 AVIONICS (OSIP 031-12) - Blue Force Tracker					
Installation Schedule																																	
		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot		
In	-	-	-	-	-	-	13	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40			
Out	-	-	-	-	-	-	13	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40			
Installation: H-53 AVIONICS (OSIP 031-12)																						Method of Implementation: Not Installed - SMFCD Kit						Installation Quantity: 93					
Installation: H-53 AVIONICS (OSIP 031-12)																						Method of Implementation: Organic - CH-53 ARC-210 SATCOM Kit-OCO						Installation Quantity: 40					
Footnotes: ⁽⁶⁾ 40 Visually Degraded Environment (VDE) kits are being installed simultateously with BFT Kits. ⁽⁷⁾ FY 14 increase is due to additional OCO requirements for MH and CH Aircraft.																																	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - Archived OSIPS			
Models of Systems Affected: H-53 Series				Type Modification: Various					Related RDT&E PEs:			
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	147.250	-	-	-	-	-	-	-	-	-	-	147.250
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	147.250	-	-	-	-	-	-	-	-	-	-	147.250
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	147.250	-	-	-	-	-	-	-	-	-	-	147.250
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (Modification Number - Modification Title): 11 - Archived OSIPS				
Models of Systems Affected: H-53 Series				Type Modification: Various					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Archived OSIPS													
B Kits													
Recurring													
1.1.1) Inactive OSIPS - Organic	- / 147.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 147.250	
Subtotal Recurring	- / 147.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 147.250	
Total, Archived OSIPS	- / 147.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 147.250	
Total Procurement, All Modifications	- / 147.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 147.250	
Total Procurement and Support	147.250	-	-	-	-	-	-	-	-	-	-	147.250	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	147.250	-	-	-	-	-	-	-	-	-	-	147.250	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0528 - H-53 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - Archived OSIPS	
Models of Systems Affected: H-53 Series			Type Modification: Various			Related RDT&E PEs:	
Manufacturer Information: Archived OSIPS							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Archived OSIPS							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	548.999	96.505	83.527	135.054	-	135.054	135.193	135.263	125.035	127.945	363.136	1,750.657
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	548.999	96.505	83.527	135.054	-	135.054	135.193	135.263	125.035	127.945	363.136	1,750.657
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	548.999	96.505	83.527	135.054	-	135.054	135.193	135.263	125.035	127.945	363.136	1,750.657

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to H-60 Series aircraft. The H-60 Series program of record for modification is comprised of: 35 HH-60H, 87 SH-60B, 33 SH-60F, 208 MH-60S, 133 MH-60R. The HH-60H is a Combat Search and Rescue (CSAR) and Special Warfare Support helicopter assigned to carrier airwings aboard Carrier Vessels (CV) and also in two reserve squadrons. The primary missions of the SH-60B are Anti-Submarine (ASW) and Surface Warfare (SUW). The SH-60F is an ASW, dipping sonar helicopter assigned to carrier airwings based aboard CVs. The SH-60F primary mission is protection of the CV inner zone. The MH-60S is the Fleet Combat Support Helicopter. The primary missions of the MH-60S are Vertical Replenishment, Search and Rescue, Organic Airborne Mine Countermeasures (AMCM), SUW, Extended Maritime Interdiction Operations, and Navy Organic CSAR. The MH-60R is the Multi-Mission Helicopter. The primary missions of the MH-60R are Under Sea Warfare and SUW. The overall goal of the modifications budgeted is for the Integrated Mechanical Diagnostic System, Safety Related Systems Upgrade, AMCM/Armed Helo (Correction of Deficiencies) for the MH-60S, Armed Block I Upgrade for the MH-60R, H-60 Helicopter Visit, Board, Search, and Seizure, H-60 Overland Missions, SH-60B KG-45A, MH-60S Warfighting Capability, SH-60B Datalink (KuBand), MH-60R/S Crew Workload - Operator System Interface, Automatic Radar Periscope Detection Discrimination, and H-60 Aircraft Sustainment.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - 009-03 SAFETY RELATED SYSTEM UPGRADE	P3A				61.973			3.189			3.421			2.639			-			2.639
2 - 016-04 ARMED HELO/ AMCM	P3A				44.399			2.195			1.209			4.178			-			4.178

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0530 - SH-60 Series										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
MDAP/MAIS Code(s):																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3 - 001-06 MH-60R WARFIGHTER	P3A				95.948			20.646			13.362			66.653			-			66.653
4 - 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)	P3A				27.858			-			-			-			-			-
5 - 009-07 MH-60S WARFIGHTER	P3A				73.415			35.760			17.737			39.226			-			39.226
6 - 023-08 H-60 OVERLAND MISSIONS	P3A				9.069			3.000			3.699			2.601			-			2.601
7 - 008-09 SH-60B DATALINK	P3A				13.391			-			-			-			-			-
8 - 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE	P3A				31.781			12.004			2.392			-			-			-
9 - 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION	P3A				0.000			13.757			33.486			-			-			-
10 - 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT	P3A				0.000			5.954			8.221			19.757			-			19.757
11 - Inactive OSIPs	P3A				191.165			-			-			-			-			-
Total Gross/Weapon System Cost					548.999			96.505			83.527			135.054			-			135.054
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - 009-03 SAFETY RELATED SYSTEM UPGRADE	P3A				1.531			2.558			2.771			2.821			46.462			127.365
2 - 016-04 ARMED HELO/ AMCM	P3A				3.671			0.922			1.743			1.762			2.160			62.239
3 - 001-06 MH-60R WARFIGHTER	P3A				60.710			59.573			71.779			73.054			214.967			676.692
4 - 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)	P3A				-			-			-			-			-			27.858
5 - 009-07 MH-60S WARFIGHTER	P3A				50.537			45.298			38.242			39.396			37.718			377.329

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy													Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0530 - SH-60 Series										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
MDAP/MAIS Code(s):																				
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
6 - 023-08 H-60 OVERLAND MISSIONS	P3A			0.341			-			-			-			-			18.710	
7 - 008-09 SH-60B DATALINK	P3A			-			-			-			-			-			13.391	
8 - 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE	P3A			-			-			-			-			5.699			51.876	
9 - 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION	P3A			-			-			-			-			-			47.243	
10 - 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT	P3A			18.403			26.912			10.500			10.912			56.130			156.789	
11 - Inactive OSIPs	P3A			-			-			-			-			-			191.165	
Total Gross/Weapon System Cost				135.193			135.263			125.035			127.945			363.136			1,750.657	

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - 009-03 SAFETY RELATED SYSTEM UPGRADE				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	61.973	3.189	3.421	2.639	-	2.639	1.531	2.558	2.771	2.821	46.462	127.365
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	61.973	3.189	3.421	2.639	-	2.639	1.531	2.558	2.771	2.821	46.462	127.365
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	61.973	3.189	3.421	2.639	-	2.639	1.531	2.558	2.771	2.821	46.462	127.365
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION (SH-60B/MH-60R): Safety Related Systems Upgrade funds modifications to improve the safety of operating H-60 Series aircraft in all operations. In addition to those modifications specifically cited below, this Operational Safety Improvement Program provides the vehicle to expeditiously fund and correct H-60 Series airframe and avionics safety-related deficiencies (Hazard Risk Index 1-20). T700 Engine Safety Improvements (New White Harness) funds Engineering Change Proposals to provide encapsulated (waterproof) engine wire harnesses. In addition, it troubleshoots T700 Engine problems in the H-60 community, finds solutions, and implements them. The T700 will undergo an engine upgrade in support of high gross weight and high altitude operations. The engine upgrades include Combustion Module Chamber shroud, Gas Generator Turbine Air Separator seal and cutback diffuser. The New White Harness will be installed 2 per aircraft. Wide Field of Vision Night Vision Device (NVD) increases nighttime situational awareness and improves safety-of-forces. New Torque Shaft and Lever Bearings are less prone to corrosion, which will reduce the chance of flight controls binding in flight. The Global Positioning System, and navigation aides provide an immediate interim solution to mitigate risk of controlled flight into obstacles and terrain for all Type/Model/Series H-60 helicopters. These systems enhance aircrew situational awareness and provide an obstacle database. New NVD compatible bezels/heads-up displays for the SH-60B/MH-60R will eliminate shadows and allow aircrew to see critical flight instrumentation.												
DESCRIPTION/JUSTIFICATION (SH-60B, SH-60F, HH-60H): Stabilator Control System Redesign solved problems of uncommanded runaway without caution alerts. H-60 Lighted Recovery, Assist, Securing, and Traversing Probe provides a luminescent messenger cable. Fast Tactical Imaging Terminals, video data link, and Imaging and Communications Environment software allow H-60H/B aircraft to link imagery and target data with Carrier Strike Group and Joint Special Operations forces, increasing battlefield situational awareness, improving safety-of-forces, and enhancing precision strike capability in close-air-support of Special Warfare forces. GAU-17 Weapon Assembly Modification funds A-kits for HH-60H aircraft. Force XXXI Battle Command Brigade and Below (FBCB2) Blue Force Tracker (BFT) is a current theatre requirement for overland helicopter missions. FBCB2 BFT provides two-way, near-real-time friendly force and threat location and display, two-way text messaging, and tactical operation center support. System is designed to improve Commander and cockpit situational awareness to improve combat effectiveness and mitigate fratricide risks. The door tracks on the HH-60H will correct high wear components. A scratch resistant center windscreen will replace the plexiglass windscreen and allow for increased visual acuity.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 009-03 SAFETY RELATED SYSTEM UPGRADE
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
DESCRIPTION/JUSTIFICATION (MH-60S, MH-60R): - The Ground Proximity Warning System (GPWS) will be a software-based system that takes existing aircraft data and calculates a recovery profile to the above ground attitude of the aircraft. If the recovery profile (plus a suitable buffer) intercepts this ground height, GPWS will generate a warning to the pilot. Other means of generating a warning may also be used to ensure maximum detection with minimum nuisance cues. FBCB2 BFT is a current theatre requirement for overland helicopter missions. FBCB2 BFT provides two-way, near-real-time friendly force and threat location and display, two-way text messaging, and tactical operation center support. System is designed to improve Commander and cockpit situational awareness to improve combat effectiveness and mitigate fratricide risks. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Validation/Verification of the improved torque shaft bearings will be complete in 2013. Current Active Modifications: HH-60H GAU-17 Weapons Assembly--Improves close-air support for Special Operation Forces. New White Harness (All T/M/S)--Engineering Change Proposals provide newly designed encapsulated (waterproof) engine wire harnesses. White Harness (All T/M/S)--Engineering Change Proposals provide encapsulated (waterproof) engine wire harnesses. Night Vision Device (NVD) Bezels--Increases nighttime situational awareness and improves safety-of-forces. Pilot Display Unit/Central Display Unit (PDU/CDU)--Allows for compatibility of nighttime situational awareness with new night vision cockpit lighting. T700 Engine--Troubleshoots T700 Engine problems in the H-60 community, finds solutions, and implements them. The engine upgrades include combustion module chamber shroud, gas generator turbine air separator and cutback diffuser. Future Modifications: Fast Tactical Imagery Hard Drive--Upgrades for greater battlefield awareness and scope. Door Tracks--Will correct high wear components. Scratch Resistant Center Windscreen--Will replace the plexiglass windscreen and allow for increased visual acuity. Archive Modifications: H-60 High Speed Shaft (all T/M/S)--New Torque Shaft and Lever Bearings are less prone to corrosion, which will reduce the chance of flight controls binding in flight. H-60 Lighted RAST Probe (SH-60B/F/HH-60H)--Provides a luminescent messenger cable. HH-60H Gunner Belts (Webbing Retractors)--Provides improved webbing retractors. HH-60S Gunner Belts (Webbing Retractors)--Provides improved webbing retractors. SH-60 B Gunner Belts (Webbing Retractors)--Provides improved webbing retractors. SH-60F Gunner Belts (Webbing Retractors)--Provides improved webbing retractors. Blue Force Tracker (BFT)--Provides two-way, near-real-time friendly force and threat location and display, two-way text messaging, and tactical operation center support. METHOD OF IMPLEMENTATION: New White Harness, Fast Tactical Imaging, and T700 Engines are "O" Level Installs.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (Modification Number - Modification Title): 1 - 009-03 SAFETY RELATED SYSTEM UPGRADE				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
009-03 SAFETY RELATED SYSTEM UPGRADE													
A Kits													
Recurring													
1.1.1) SH-60 Series Archived ECPs - Organic	1,541 / 10.405	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,541 / 10.405	
1.1.2) HH-60H GAU-17 WEAPON ASSEMBLY MODIFICATION - Organic	15 / 0.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.225	
1.1.3) NEW WHITE HARNESS (ALL T/M/S) - Organic	408 / 3.077	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	408 / 3.077	
1.1.4) WHITE HARNESS (ALL T/M/S) - Organic	548 / 0.233	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	548 / 0.233	
1.1.5) NIGHT VISION DEVICE (NVD) BEZELS - Organic ⁽¹⁾	163 / 5.749	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	163 / 5.749	
1.1.6) Pilot Display Unit/Central Display Unit (PDU/CDU) - Organic	79 / 2.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 2.249	
1.1.7) T700 Engine - Organic	- / -	- / -	- / -	55 / 1.650	- / -	55 / 1.650	37 / 1.110	46 / 1.380	60 / 1.800	60 / 1.800	1,142 / 34.260	1,400 / 42.000	
1.1.8) Prior Year Inactive Installations - Organic	447 / 5.992	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	447 / 5.992	
Subtotal Recurring	3,201 / 27.930	- / -	- / -	55 / 1.650	- / -	55 / 1.650	37 / 1.110	46 / 1.380	60 / 1.800	60 / 1.800	1,142 / 34.260	4,601 / 69.930	
Non-Recurring													
1.2.1) INSTALLATION KITS N/R - Organic	- / 3.052	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.052	
1.2.2) NVD BEZEL - Organic	- / 3.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.900	
1.2.3) T700 Engines - Organic	- / -	- / 2.636	- / 2.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.170	
Subtotal Non-Recurring	- / 6.952	- / 2.636	- / 2.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.122	
B Kits													
Recurring													
2.1.1) HH-60H/SH-60B FAST TACTICAL IMAGING - Organic	54 / 0.516	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 0.516	
2.1.2) MH-60S GROUND PROXIMITY WARNING SYSTEM (GPWS) CARDS - Organic	128 / 0.726	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	128 / 0.726	
2.1.3) NVD BEZEL - Organic	- / -	- / 0.147	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.147	
2.1.4) WIDE FIELD OF VISION NIGHT VISION DEVICE (FOV NVD) (ALL T/M/S) - Organic	- / -	- / 0.007	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	155 / 12.202	155 / 12.209	
2.1.5) WINTERIZATION KITS - Organic	18 / 2.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 2.458	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - 009-03 SAFETY RELATED SYSTEM UPGRADE				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.1.7) GLOBAL POSITIONING SYSTEM (GPS) - Organic	508 / 0.306	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	508 / 0.306
2.1.8) Archived ECPs - Organic	219 / 3.445	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	219 / 3.445
Subtotal Recurring	927 / 7.451	- / 0.154	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	155 / 12.202	1,082 / 19.807
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 3.148	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.148
Subtotal Non-Recurring	- / 3.148	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.148
Total, 009-03 SAFETY RELATED SYSTEM UPGRADE	4,128 / 45.481	- / 2.790	- / 2.534	55 / 1.650	- / -	55 / 1.650	37 / 1.110	46 / 1.380	60 / 1.800	60 / 1.800	1,297 / 46.462	5,683 / 105.007
Total Procurement, All Modifications	4,128 / 45.481	- / 2.790	- / 2.534	55 / 1.650	- / -	55 / 1.650	37 / 1.110	46 / 1.380	60 / 1.800	60 / 1.800	1,297 / 46.462	5,683 / 105.007
Support												
3.1) ENGINEERING CHANGE ORDERS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) SAFTEY RELATED ECO	- / 0.030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.030
3.3) DATA	- / 1.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.670
3.4) TRAINING EQUIPMENT	- / 0.429	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.429
3.5) ILS	- / 0.640	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.640
3.6) OTHER SUPPORT ⁽²⁾	- / 13.723	- / 0.399	- / 0.887	- / 0.989	- / -	- / 0.989	- / 0.421	- / 1.178	- / 0.971	- / 1.021	- / -	- / 19.589
Total Support, All Modifications	16.492	0.399	0.887	0.989	-	0.989	0.421	1.178	0.971	1.021	-	22.358
Total Procurement and Support	61.973	3.189	3.421	2.639	-	2.639	1.531	2.558	2.771	2.821	46.462	127.365
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	61.973	3.189	3.421	2.639	-	2.639	1.531	2.558	2.771	2.821	46.462	127.365

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0530 - SH-60 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 009-03 SAFETY RELATED SYSTEM UPGRADE	
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: 009-03 SAFETY RELATED SYSTEM UPGRADE							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE		Method of Implementation: Organic - SH-60 Series Archived ECPs			Installation Quantity: 1541		
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE		Method of Implementation: Organic - HH-60H GAU-17 WEAPON ASSEMBLY MODIFICATION			Installation Quantity: 15		
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE		Method of Implementation: Organic - NEW WHITE HARNESS (ALL T/M/S)			Installation Quantity: 408		
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE		Method of Implementation: Organic - WHITE HARNESS (ALL T/M/S)			Installation Quantity: 548		
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE		Method of Implementation: Not Installed - NIGHT VISION DEVICE (NVD) BEZELS			Installation Quantity: 163		
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE		Method of Implementation: Organic - Pilot Display Unit/Central Display Unit (PDU/CDU)			Installation Quantity: 79		
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE		Method of Implementation: Organic - T700 Engine			Installation Quantity: 1400		
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE		Method of Implementation: Not Installed - Prior Year Inactive Installations			Installation Quantity: 447		
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE		Method of Implementation: Organic - HH-60H/SH-60B FAST TACTICAL IMAGING			Installation Quantity: 54		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 009-03 SAFETY RELATED SYSTEM UPGRADE
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Organic - MH-60S GROUND PROXIMITY WARNING SYSTEM (GPWS) CARDS	Installation Quantity: 128
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - WIDE FIELD OF VISION NIGHT VISION DEVICE (FOV NVD) (ALL T/M/S)	Installation Quantity: 155
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - WINTERIZATION KITS	Installation Quantity: 18
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Organic - GLOBAL POSITIONING SYSTEM (GPS)	Installation Quantity: 508
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Organic - Archived ECPs	Installation Quantity: 219
Footnotes: (1) All installs were PY. See PY Install cost element. (2) Other Support increased from \$887K to \$989K due to final preparations for Operational Capability.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - 016-04 ARMED HELO/AMCM				
Models of Systems Affected: MH-60S			Type Modification: OPERATIONAL ENHANCEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	44.399	2.195	1.209	4.178	-	4.178	3.671	0.922	1.743	1.762	2.160	62.239
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	44.399	2.195	1.209	4.178	-	4.178	3.671	0.922	1.743	1.762	2.160	62.239
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	44.399	2.195	1.209	4.178	-	4.178	3.671	0.922	1.743	1.762	2.160	62.239
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION: Based on Developmental and Operational Testing, Fleet aircraft require modifications to correct identified deficiencies incorporated in production aircraft. These modifications include corrections to Common Cockpit Avionics, Auxiliary Fuel System, High Maintenance Battery, Search and Rescue Equipment, Rotor System and Airframe, Night Vision Device Exterior Lighting, Airborne Mine Countermeasures (AMCM) Mission Equipment and Armed Helo Ancillary Equipment. Current retrofit plan is as follows: The Auxiliary Tank A kit (Engineering Change Proposal (ECP) 4000 retrofit) was retrofitted on 49 aircraft. ECP 4010 is a retrofit of ECP 4000. Auxiliary Tank B kits (two tanks per kit) and AMCM Mission Equipment are not procured on a one-for-one basis with the A kit modifications. No install is required. The Bifilar B Kit and Ultra Low Maintenance Battery were retrofitted as an "O" Level install on 49 aircraft. Night Vision Device Capable Aircraft Lighting will be retrofitted on 134 Aircraft.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The MH-60S aircraft completed Operational Evaluation in March 2002; Milestone III was completed 12 August 2002. The validation of the Auxiliary Tank capability was completed in the second quarter of FY 2005.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - 016-04 ARMED HELO/AMCM					
Models of Systems Affected: MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
016-04 ARMED HELO/AMCM													
A Kits													
Recurring													
1.1.1) Bifilar - Organic	50 / 2.613	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 2.613	
1.1.2) ECP 4000 Retrofit - NonOrganic	49 / 7.413	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 7.413	
1.1.3) Night Vision Device (NVD) Kits - NonOrganic ⁽³⁾	107 / 5.167	3 / 0.163	- / -	12 / 0.581	- / -	12 / 0.581	12 / 0.600	- / -	- / -	- / -	- / -	134 / 6.511	
1.1.4) Ultra Low Maintenance Battery (ULMB) - Organic	26 / 0.583	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 0.583	
1.1.5) Airborne Mine Countermeasures (AMCM) - NonOrganic ⁽⁴⁾	- / -	9 / 0.099	9 / 0.104	22 / 0.486	- / -	22 / 0.486	- / -	- / -	- / -	- / -	- / -	40 / 0.689	
Subtotal Recurring	232 / 15.776	12 / 0.262	9 / 0.104	34 / 1.067	- / -	34 / 1.067	12 / 0.600	- / -	- / -	- / -	- / -	299 / 17.809	
Non-Recurring													
1.2.1) Installations Kits N/R - Organic ⁽⁵⁾	- / 3.779	- / 0.426	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.205	
Subtotal Non-Recurring	- / 3.779	- / 0.426	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.205	
B Kits													
Recurring													
2.1.1) AMCM Mission Equipment - Organic	15 / 11.800	- / -	- / -	10 / 2.000	- / -	10 / 2.000	10 / 2.100	- / -	2 / 1.343	2 / 1.362	8 / 1.760	47 / 20.365	
2.1.2) Armed Helo Kit Modifications - Organic	22 / 0.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 0.220	
2.1.3) Auxiliary Tanks - Organic	20 / 2.810	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 2.810	
Subtotal Recurring	57 / 14.830	- / -	- / -	10 / 2.000	- / -	10 / 2.000	10 / 2.100	- / -	2 / 1.343	2 / 1.362	8 / 1.760	89 / 23.395	
Total, 016-04 ARMED HELO/AMCM	289 / 34.385	12 / 0.688	9 / 0.104	44 / 3.067	- / -	44 / 3.067	22 / 2.700	- / -	2 / 1.343	2 / 1.362	8 / 1.760	388 / 45.409	
Total Procurement, All Modifications	289 / 34.385	12 / 0.688	9 / 0.104	44 / 3.067	- / -	44 / 3.067	22 / 2.700	- / -	2 / 1.343	2 / 1.362	8 / 1.760	388 / 45.409	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.488	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.488	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / 1.475	- / 0.400	- / 0.410	- / 0.389	- / -	- / 0.389	- / 0.630	- / 0.787	- / 0.400	- / 0.400	- / 0.400	- / 5.291	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	1.963	0.400	0.410	0.389	-	0.389	0.630	0.787	0.400	0.400	0.400	5.779	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (Modification Number - Modification Title): 2 - 016-04 ARMED HELO/AMCM				
Models of Systems Affected: MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Total Procurement and Support	36.348	1.088	0.514	3.456	-	3.456	3.330	0.787	1.743	1.762	2.160	51.188	
016-04 ARMED HELO/AMCM Installation Cost	- / 8.051	- / 1.107	- / 0.695	- / 0.722	- / -	- / 0.722	- / 0.341	- / 0.135	- / -	- / -	- / -	- / 11.051	
Total Installation Cost	- / 8.051	- / 1.107	- / 0.695	- / 0.722	- / -	- / 0.722	- / 0.341	- / 0.135	- / -	- / -	- / -	- / 11.051	
Total Cost (Procurement + Support + Installation)	44.399	2.195	1.209	4.178	-	4.178	3.671	0.922	1.743	1.762	2.160	62.239	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 016-04 ARMED HELO/AMCM				
Models of Systems Affected: MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:				
Manufacturer Information: 016-04 ARMED HELO/AMCM												
Manufacturer Name: ECP 4000/4010--FRCMA/FRCWSW							Manufacturer Location: Norfolk/San Diego					
Administrative Leadtime (<i>in Months</i>): 0							Production Leadtime (<i>in Months</i>): 0					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Manufacturer Name: NVD Lighting--Contractor Field Mod Team							Manufacturer Location: New MFG - Loc					
Administrative Leadtime (<i>in Months</i>): 5							Production Leadtime (<i>in Months</i>): 11					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Apr 2012		Feb 2014	Feb 2015								
Delivery Dates	Mar 2013		Jan 2015	Jan 2016								
Manufacturer Name: AMCM--Contractor TBD							Manufacturer Location: New MFG - Loc					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 3					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Mar 2012	Dec 2012	Dec 2013									
Delivery Dates	Jun 2012	Mar 2013	Mar 2014									
Installation: 016-04 ARMED HELO/AMCM				Method of Implementation: Contractor Field Mod Team				Installation Name: ECP 4000 Retrofit				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	46 / 6.851	3 / 0.562	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 7.413
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	46 / 6.851	3 / 0.562	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 7.413

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 016-04 ARMED HELO/AMCM

Models of Systems Affected: MH-60S										Type Modification: OPERATIONAL ENHANCEMENT										Related RDT&E PEs:									

Installation: 016-04 ARMED HELO/AMCM										Method of Implementation: Contractor Field Mod Team										Installation Name: ECP 4000 Retrofit									

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	46	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49
Out	46	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49

Installation: 016-04 ARMED HELO/AMCM			Method of Implementation: [none specified]					Installation Name: Night Vision Device (NVD) Kits				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	4 / 1.200	27 / 0.459	31 / 0.600	30 / 0.480	0 / 0.000	30 / 0.480	15 / 0.170	- / -	- / -	- / -	- / -	107 / 2.909
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.034	- / -	- / -	- / -	- / -	3 / 0.034
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.137	- / -	- / -	- / -	- / -	12 / 0.137
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.135	- / -	- / -	- / -	12 / 0.135
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 1.200	27 / 0.459	31 / 0.600	30 / 0.480	- / -	30 / 0.480	30 / 0.341	12 / 0.135	- / -	- / -	- / -	134 / 3.215

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	4	5	7	7	8	7	8	8	8	7	8	7	8	7	8	7	8	-	4	4	4	-	-	-	-	-	-	-	-	-	134
Out	4	5	7	7	8	7	8	8	8	7	8	7	8	7	8	7	8	-	4	4	4	-	-	-	-	-	-	-	-	-	134

Installation: 016-04 ARMED HELO/AMCM														Method of Implementation: [none specified]						Installation Name: Airborne Mine Countermeasures (AMCM)					
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total													
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)													
	All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0530 - SH-60 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 016-04 ARMED HELO/AMCM											
Models of Systems Affected: MH-60S										Type Modification: OPERATIONAL ENHANCEMENT										Related RDT&E PEs:											
Installation: 016-04 ARMED HELO/AMCM										Method of Implementation: [none specified]										Installation Name: Airborne Mine Countermeasures (AMCM)											
Installation Cost	Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)										
FY 2012	- / -		9 / 0.086		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 0.086								
FY 2013	- / -		- / -		9 / 0.095		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 0.095								
FY 2014	- / -		- / -		- / -		22 / 0.242		- / -		22 / 0.242		- / -		- / -		- / -		- / -		- / -		22 / 0.242								
FY 2015	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total	- / -		9 / 0.086		9 / 0.095		22 / 0.242		- / -		22 / 0.242		- / -		- / -		- / -		- / -		- / -		40 / 0.423								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	4	5	-	1	4	4	-	2	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
Out	-	-	-	4	5	-	1	4	4	-	2	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
Installation: 016-04 ARMED HELO/AMCM																															
										Method of Implementation: Organic - Bifilar										Installation Quantity: 50											
Installation: 016-04 ARMED HELO/AMCM																															
										Method of Implementation: Organic - Ultra Low Maintenance Battery (ULMB)										Installation Quantity: 26											
Installation: 016-04 ARMED HELO/AMCM																															
										Method of Implementation: Not Installed - AMCM Mission Equipment										Installation Quantity: 47											
Installation: 016-04 ARMED HELO/AMCM																															
										Method of Implementation: Not Installed - Armed Helo Kit Modifications										Installation Quantity: 22											
Installation: 016-04 ARMED HELO/AMCM																															
										Method of Implementation: Not Installed - Auxiliary Tanks										Installation Quantity: 20											
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 016-04 ARMED HELO/AMCM
Models of Systems Affected: MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
(3) FY2012 Night Vision Device (NVD) kits were procured and upon receipt it was realized that two components were missing making the kits incomplete. The additional component requirements have extended installs from FY2015 into FY2016. (4) A Kits--Airborne Mine Countermeasures (AMCM)--Increase in Unit Cost of \$11.6K each for nine Kits at a total of \$104K to \$22.1K each for 22 Kits for a total of \$486K. Increase in unit cost from FY2013 to FY2014 is due to the requirement of AMCM Mission Equipment Modifications (configuration change) resulting from correction of deficiencies that need to be incorporated in AMCM ancillary kits. (5) Four ECP 4000 kits installed as validation/verification Non-Recurring Engineering.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - 001-06 MH-60R WARFIGHTER				
Models of Systems Affected: MH-60R			Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	95.948	20.646	13.362	66.653	-	66.653	60.710	59.573	71.779	73.054	214.967	676.692
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	95.948	20.646	13.362	66.653	-	66.653	60.710	59.573	71.779	73.054	214.967	676.692
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	95.948	20.646	13.362	66.653	-	66.653	60.710	59.573	71.779	73.054	214.967	676.692
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
This line item funds modifications to the MH-60R Series aircraft. The modifications are part of the Pre-Planned Product Improvement effort that includes upgrades to communication, navigation, Identification Friend or Foe (IFF), Multi-Spectral Targeting System/Forward Looking Infrared Radar, Digital Video Recorder (DVR) Acoustics Subsystem, Link-16 for Low Rate Initial Production-I and subsequent aircraft, Automatic Radar Periscope Detection and Discriminator (ARPDD),Global Positioning System (GPS) Selective Availability Anti-Spoofing Module (SAASM), Common Data Link (CDL) Hawklink, Integrated Mechanical Diagnostic System (IMDS), and Active Vibration Control. GPS upgrade includes SAASM and GPS Antenna System-1 (GAS-1) antenna upgrade. SAASM is a set of functional security requirements used to design and build a secure GPS receiver. Use of GPS SAASM security architecture significantly enhances the pilot's ability to use the GPS Precise Positioning, velocity, time, and other GPS sensor information in all environments. GAS-1 antenna upgrade to the GPS system improves susceptibility performance. Link-16 supports the exchange of Command, Control, Communications, Computers, and Intelligence data that is required to operate in a Joint and North Atlantic Treaty Organization Battlespace. Link-16 is designed to support the exchange of formatted data messages rather than the "raw" data exchange that the existing C-Band Hawklink and CDL Hawklink will support. CDL Hawklink is an update to the current C-Band Hawklink that allows for an increase in bandwidth with the ability to transfer additional data. MH-60R is required to be backward-compatible with both legacy Surface Fleet Combat Systems and forward-compatible with new and under-development Surface Fleet Combat Systems at relatively long-range of not only voice and video information, but large amounts of sensor and tactical data. It is compliant with the Assistant Secretary of Defense C3I Letter dated 18 October 2004 directing commonality and interoperability between all Department of Defense airborne sensor platforms and meets the mandate for a common standard for transmission of unprocessed sensor information. The IMDS will improve aircraft performance and vibration parameters in flight. GPS SAASM, Link-16, CDL Hawklink, and IMDS are a part of the MH-60R Block Upgrades as specified in the evolutionary acquisition strategy for the program. The Acoustic Subsystem is a key component to meeting H-60R Anti-Submarine Warfare mission requirements. This Operational Safety Improvement Program (OSIP) includes updates to obsolete components of the Acoustic Subsystem. The Acoustic Subsystem consists of Acoustic Processer, Airborne Low Frequency Sonar (ALFS) Transmitter/Receiver, Reeling Machines, Reeling Machine Interface Unit, Reeling Machine Control Unit, Transducer Assembly, and reel and cable. Night Vision Device improvements will incorporate enhancements to the Thunderstorm Light, ALFS Light, Recovery, Assist, Securing, and Traversing Panel, and Search Light. ARPDD provides the MH-60R the capability to detect very small, low visibility targets, such as periscopes and small vessels, and alert the aircrew to their presence from long distances, reducing aircrew workload and increasing battle group survivability. Three hundred MH-60R aircraft will receive ARPDD capability, 154 will be retrofitted. The AN/APS-147 MMR consists of the Signal Data Processor/ARPDD Enhanced Processor, Receiver Transmitter, Antenna Pedestal, Antenna Array, and Interrogator Friend or Foe Receiver Transmitter retrofits.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 001-06 MH-60R WARFIGHTER
Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: SAASM Joint Common System Instruction Chairman of the Joint Chiefs of Staff Instruction 6140.01, issued 15 November 1998, mandates that all Precise Position Systems (i.e. GPS used on the MH-60R) users field SAASM-based user equipment and use black keys after 01 October 2002. Critical Design Review was completed April 2009. Milestones include contractor test completed in December 2010, developmental test completed in December 2011, and operational test started in July 2012. METHOD OF IMPLEMENTATION: CDL Hawklink, Sonar Transducer Receiver, GPS SAASM, and DVR are "O" Level Installs. NOTES: OSIP title changed from MH-60R Armed Block I Upgrade to MH-60R Warfighter. Name change is to facilitate transition from MH-60R ending production and entering sustainment/obsolescence phase of acquisition life cycle. To this end, OSIP 005-12 ARPDD has been incorporated into 001-06 MH-60R Warfighter starting in FY2014. FY2014 ARPDD installs (15) were purchased in FY2012 under OSIP 005-12. FY2015 ARPDD installs (19) will be purchased with FY2013 funds under OSIP 005-12.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - 001-06 MH-60R WARFIGHTER					
Models of Systems Affected: MH-60R				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
001-06 MH-60R WARFIGHTER													
A Kits													
Recurring													
1.1.1) ACOUSTICS TECH INSERT KITS - NonOrganic	36 / 5.086	11 / 0.211	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 5.297	
1.1.3) GPS SAASM KITS - Organic	13 / 0.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.207	
1.1.4) IMDS KITS - NonOrganic	37 / 7.079	10 / 1.693	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 8.772	
1.1.5) CDL HAWKLINK KITS - Organic ⁽⁶⁾	32 / 17.520	5 / 2.635	11 / 5.742	12 / 6.456	- / -	12 / 6.456	12 / 6.648	5 / 3.000	- / -	- / -	- / -	77 / 42.001	
1.1.6) LINK-16 KITS - Organic	19 / 9.557	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 9.557	
1.1.8) DIGITAL VIDEO RECORDER (DVR) - Organic	95 / 4.212	24 / 1.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	119 / 5.213	
1.1.9) NIGHT VISION DEVICE KITS (NVD) - Organic	- / -	156 / 1.678	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	156 / 1.678	
1.1.10) ALFS RELIABILITY IMPROVEMENTS - Organic	- / -	4 / 4.852	- / -	30 / 9.700	- / -	30 / 9.700	20 / 4.800	10 / 2.400	30 / 10.200	- / -	- / -	94 / 31.952	
1.1.11) ARPDD KIT - NonOrganic	- / -	- / -	- / -	15 / 0.310	- / -	15 / 0.310	14 / 0.295	14 / 0.392	23 / 0.657	30 / 0.873	6 / 0.178	102 / 2.705	
1.1.12) ARPDD KIT INSTALLS FROM OSIP 005-12 PURCHASES - NonOrganic	- / -	15 / -	19 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / -	
Subtotal Recurring	232 / 43.661	225 / 12.070	30 / 5.742	57 / 16.466	- / -	57 / 16.466	46 / 11.743	29 / 5.792	53 / 10.857	30 / 0.873	6 / 0.178	708 / 107.382	
B Kits													
Recurring													
2.1.1) GPS SAASM KITS - Organic	1 / 0.136	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.136	
2.1.2) ACOUSTICS TECH INSERT KITS - NonOrganic	47 / 16.646	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 16.646	
2.1.3) FORWARD LOOKING INFRARED (FLIR) - Organic	9 / 8.082	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 8.082	
2.1.5) APRDD KIT - Organic	- / -	- / -	- / -	13 / 23.638	- / -	13 / 23.638	15 / 27.554	14 / 34.145	14 / 34.828	23 / 59.739	54 / 168.728	133 / 348.632	
Subtotal Recurring	57 / 24.864	- / -	- / -	13 / 23.638	- / -	13 / 23.638	15 / 27.554	14 / 34.145	14 / 34.828	23 / 59.739	54 / 168.728	190 / 373.496	
Non-Recurring													
2.2.1) INSTALLATION EQUIPMENT N/R - Organic	- / 9.582	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.582	
Subtotal Non-Recurring	- / 9.582	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.582	
Total, 001-06 MH-60R WARFIGHTER	289 / 78.107	225 / 12.070	30 / 5.742	70 / 40.104	- / -	70 / 40.104	61 / 39.297	43 / 39.937	67 / 45.685	53 / 60.612	60 / 168.906	898 / 490.460	
Total Procurement, All Modifications	289 / 78.107	225 / 12.070	30 / 5.742	70 / 40.104	- / -	70 / 40.104	61 / 39.297	43 / 39.937	67 / 45.685	53 / 60.612	60 / 168.906	898 / 490.460	
Support													
3.1) ENGINEERING CHANGE ORDERS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) APRDD KIT ECO	- / -	- / -	- / -	- / 0.443	- / -	- / 0.443	- / 0.481	- / 0.594	- / 0.605	- / 0.573	- / 4.570	- / 7.266	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 001-06 MH-60R WARFIGHTER				

Models of Systems Affected: MH-60R				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.3) DATA	- / 0.682	- / -	- / -	- / 1.500	- / -	- / 1.500	- / 1.500	- / -	- / -	- / -	- / -	- / 3.682
3.4) TRAINING EQUIPMENT	- / -	- / -	- / -	- / 2.500	- / -	- / 2.500	- / 2.000	- / -	- / 10.208	- / 2.000	- / 1.400	- / 18.108
3.5) SUPPORT EQUIPMENT	- / -	- / -	- / -	- / 2.500	- / -	- / 2.500	- / -	- / -	- / -	- / -	- / -	- / 2.500
3.6) ILS ⁽⁷⁾	- / 1.118	- / 0.567	- / 0.578	- / 2.242	- / -	- / 2.242	- / 3.325	- / 3.643	- / 2.380	- / 2.475	- / 8.030	- / 24.358
3.7) OTHER SUPPORT ⁽⁸⁾	- / 12.991	- / 4.986	- / 5.442	- / 10.322	- / -	- / 10.322	- / 6.042	- / 8.904	- / 6.718	- / 1.087	- / 4.115	- / 60.607
3.8) INTERIM CONTRACTOR SUPPORT	- / 2.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.575
Total Support, All Modifications	17.366	5.553	6.020	19.507	-	19.507	13.348	13.141	19.911	6.135	18.115	119.096
Total Procurement and Support	95.473	17.623	11.762	59.611	-	59.611	52.645	53.078	65.596	66.747	187.021	609.556
001-06 MH-60R WARFIGHTER Installation Cost	- / 0.475	- / 3.023	- / 1.600	- / 7.042	- / -	- / 7.042	- / 8.065	- / 6.495	- / 6.183	- / 6.307	- / 27.946	- / 67.136
Total Installation Cost	- / 0.475	- / 3.023	- / 1.600	- / 7.042	- / -	- / 7.042	- / 8.065	- / 6.495	- / 6.183	- / 6.307	- / 27.946	- / 67.136
Total Cost (Procurement + Support + Installation)	95.948	20.646	13.362	66.653	-	66.653	60.710	59.573	71.779	73.054	214.967	676.692

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 001-06 MH-60R WARFIGHTER			
Models of Systems Affected: MH-60R				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:			
Manufacturer Information: 001-06 MH-60R WARFIGHTER											
Manufacturer Name: Acoustics Tech Insert -- Lockheed Martin Mission Systems						Manufacturer Location: Owego, NY					
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 18					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018				
Contract Dates	Mar 2012										
Delivery Dates	Sep 2013										
Manufacturer Name: IMDS--Goodrich						Manufacturer Location: Vergennes, VT					
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018				
Contract Dates	Jan 2012										
Delivery Dates	Jan 2013										
Manufacturer Name: ARPDD--Lockheed Martin Mission Systems						Manufacturer Location: Owego, NY					
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 24					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018				
Contract Dates	Apr 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018				
Delivery Dates	Apr 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018	Mar 2019	Mar 2020				

Installation: 001-06 MH-60R WARFIGHTER				Method of Implementation: Contractor Field Mod Team				Installation Name: ACOUSTICS TECH INSERT KITS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	14 / 0.700	17 / 0.850	5 / 0.250	0 / 0.000	5 / 0.250	- / -	- / -	- / -	- / -	- / -	36 / 1.800
FY 2012	- / -	- / -	- / -	11 / 0.550	- / -	11 / 0.550	- / -	- / -	- / -	- / -	- / -	11 / 0.550
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	14 / 0.700	17 / 0.850	16 / 0.800	- / -	16 / 0.800	- / -	- / -	- / -	- / -	- / -	47 / 2.350

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Number - Modification Title): 3 - 001-06 MH-60R WARFIGHTER

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:

Installation: 001-06 MH-60R WARFIGHTER	Method of Implementation: Contractor Field Mod Team	Installation Name: ACOUSTICS TECH INSERT KITS

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	2	6	6	4	4	5	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47
Out	-	-	-	2	6	6	4	4	5	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47

Installation: 001-06 MH-60R WARFIGHTER	Method of Implementation: Contractor Field Mod Team	Installation Name: IMDS KITS

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	6 / 0.475	31 / 2.323	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 2.798
FY 2012	- / -	- / -	10 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.750
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 0.475	31 / 2.323	10 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 3.548

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	6	6	12	12	1	-	3	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47
Out	5	-	1	6	12	12	1	3	-	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47

Installation: 001-06 MH-60R WARFIGHTER	Method of Implementation: Contractor Field Mod Team	Installation Name: ARPDD

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy																	Date: April 2013															
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft													P-1 Line Item Nomenclature: 0530 - SH-60 Series										Modification Nomenclature (Modification Number - Modification Title): 3 - 001-06 MH-60R WARFIGHTER									
Models of Systems Affected: MH-60R										Type Modification: OPERATIONAL ENHANCEMENT										Related RDT&E PEs:												
Installation: 001-06 MH-60R WARFIGHTER										Method of Implementation: Contractor Field Mod Team										Installation Name: ARPDD												
Installation Cost										Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total											
										Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)										
FY 2012										- / -	- / -	- / -	15 / 6.242	- / -	15 / 6.242	- / -	- / -	- / -	- / -	15 / 6.242												
FY 2013										- / -	- / -	- / -	- / -	- / -	- / -	19 / 8.065	- / -	- / -	- / -	19 / 8.065												
FY 2014										- / -	- / -	- / -	- / -	- / -	- / -	15 / 6.495	- / -	- / -	- / -	15 / 6.495												
FY 2015										- / -	- / -	- / -	- / -	- / -	- / -	14 / 6.183	- / -	- / -	14 / 6.183													
FY 2016										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 6.307	- / -	14 / 6.307												
FY 2017										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	23 / 10.910	23 / 10.910												
FY 2018										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 14.180	30 / 14.180												
To Complete										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.856	6 / 2.856												
Total										- / -	- / -	- / -	15 / 6.242	- / -	15 / 6.242	19 / 8.065	15 / 6.495	14 / 6.183	14 / 6.307	59 / 27.946	136 / 61.238											
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4							
In	-	-	-	-	-	-	-	-	-	-	-	8	7	-	4	8	7	-	3	6	6	-	2	6	6	-	2	6	6	59	136	
Out	-	-	-	-	-	-	-	-	-	-	-	-	8	7	-	4	8	7	-	3	6	6	-	2	6	6	-	2	6	65	136	
Installation: 001-06 MH-60R WARFIGHTER										Method of Implementation: Organic - GPS SAASM KITS										Installation Quantity: 13												
Installation: 001-06 MH-60R WARFIGHTER										Method of Implementation: Organic - CDL HAWKLINK KITS										Installation Quantity: 77												
Installation: 001-06 MH-60R WARFIGHTER										Method of Implementation: Organic - LINK-16 KITS										Installation Quantity: 19												
Installation: 001-06 MH-60R WARFIGHTER										Method of Implementation: Organic - DIGITAL VIDEO RECORDER (DVR)										Installation Quantity: 119												
Installation: 001-06 MH-60R WARFIGHTER										Method of Implementation: Organic - NIGHT VISION DEVICE KITS (NVD)										Installation Quantity: 156												
Installation: 001-06 MH-60R WARFIGHTER										Method of Implementation: Organic - ALFS RELIABILITY IMPROVEMENTS										Installation Quantity: 94												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 001-06 MH-60R WARFIGHTER
Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 001-06 MH-60R WARFIGHTER	Method of Implementation: Organic - GPS SAASM KITS	Installation Quantity: 1
Installation: 001-06 MH-60R WARFIGHTER	Method of Implementation: Organic - FORWARD LOOKING INFRARED (FLIR)	Installation Quantity: 9
Installation: 001-06 MH-60R WARFIGHTER	Method of Implementation: Organic - APRDD KIT	Installation Quantity: 133
Footnotes: ⁽⁶⁾ A Kits--Common Data Link (CDL) Hawklint--Increase Unit Cost of \$522K each for 11 Kits at a total of \$5,742K to \$538K each for 12 Kits at a total of \$6,456K ⁽⁷⁾ Integrated Logistics Support (ILS) increase from FY2013 to FY2014 is due to consolidation of OSIP 05-12 into OSIP 01-06, an increase for the first year of ARPDD A kit installations and associated support, and an increase of one (1) CDL Hawklint A kit. ⁽⁸⁾ Other Support increase from FY2013 to FY2014 is due to consolidation of OSIP 05-12 into OSIP 01-06, an increase for FY2014 of ARPDD A kit installations and associated support, and an increase of one (1) CDL Hawklint A kit.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	27.858	-	-	-	-	-	-	-	-	-	-	27.858
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	27.858	-	-	-	-	-	-	-	-	-	-	27.858
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	27.858	-	-	-	-	-	-	-	-	-	-	27.858
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION: Extended Maritime Interdiction Operations (EMIO) by Helicopter Visit, Board, Search, and Seizure (HVBSS) tactics require Naval helicopters be compatible with rapid insertion of Special Warfare forces. This Operational Safety Improvement Program includes all modifications that increase reliability, maintainability and/or mission capability for conduct of the EMIO mission. These modifications include but are not limited to: 44 Fast Tactical Imaging Systems kits which include embedded Automated Identification System capability will be procured for improved battlefield situational awareness for Command and Direct Action elements. Close Air Support Improvements for accompanying assault SH-60B and HH-60H helicopters include 62 M240 7.62mm machine gun kits, replacing aging M-60D gun systems. Additional area suppression Close Air Support Improvements include 35 GAU-17 weapon kits and corresponding depot level airframe modifications to integrate the GAU-17 into the remaining HH-60H aircraft. Precise weapon aiming required to employ crew-served weapons in close quarters require the coincident procurement of 3 aiming laser systems to kit with each weapon. AAR-47A(V)2 Missile Warning Systems will be installed on SH-60B aircraft as an update to the current AAR-47(V), which will incorporate a new laser warning functionality. A modification to the aircraft must be made to allow for the installation of the new Control Indicator, which will display the laser warning by angle of arrival. An YHS-60R test asset will be returned back to it's original configuration as an SH-60B Block One aircraft. This aircraft will be used in support of the HVBSS mission. A loudspeaker system will be attached to each SH-60F aircraft to aid in the HVBSS mission. In response to a Fleet urgent need statement, a commercial-off-the-shelf loudspeaker system was modified and installed on a Fleet SH-60F aircraft. Two Targeted High Output Responser loudspeaker systems were delivered to the Fleet in FY2010. A new Forward Looking Infrared Radar (FLIR) W2 cable will be procured. This cable will prevent incorrect installation of the cable onto the FLIR, thereby reducing the chance of damaging the FLIR.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: GAU-17/A, M-240D, Fast Tactical Imaging Systems, and Infrared Zoom Laser Illumination Designator-200 aiming lasers are systems integrated on other H-60 helicopter platforms and are off-the-shelf procurements. Lead time for all systems is 30-90 days. Technical Directive for HH-60H modifications (AAC 993) was signed 30 June 1994. Airframe Changes for O-level and D-level modifications for SH-60B require 3-month non-recurring engineering efforts including modeling. Completion of the first loudspeaker system installation was in FY2011. YHS-60R test asset modifications were completed in FY2010.												
METHOD OF IMPLEMENTATION: GAU-17 is an "O" Level install.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (Modification Number - Modification Title): 4 - 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)													
A Kits													
Recurring													
1.1.1) GAU-17 CABIN MOD (HH-60H) - Organic	7 / 0.120	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.120	
1.1.2) GAU-17 CABIN MOD (HH-60H) - OCO - Organic	63 / 4.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 4.410	
1.1.3) FTI/AIS (SH-60B/F, HH-60H, MH-60R/S) - Organic	70 / 0.840	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 0.840	
1.1.5) AAR-47A(V)2 (SH-60B) - Organic	117 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	117 / 0.200	
1.1.6) PRIOR YEAR INSTALLATION KITS - Organic	170 / 2.095	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	170 / 2.095	
Subtotal Recurring	427 / 7.665	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	427 / 7.665	
Non-Recurring													
1.2.1) INSTALLATION KITS N/R - Organic	- / 8.470	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.470	
1.2.2) Installation Kits N/R - OCO - Organic	- / 1.991	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.991	
Subtotal Non-Recurring	- / 10.461	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.461	
B Kits													
Recurring													
2.1.1) AIMING LASER (SH-60B,HH-60H) - Organic	3 / 0.012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.012	
2.1.2) FTI/AIS (SH-60B/F, HH-60H, MH-60R/S) - Organic	70 / 1.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 1.050	
2.1.4) GAU-17 (HH-60H) - Organic	13 / 0.478	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.478	
2.1.5) GAU-17 (HH-60H) - OCO - Organic	51 / 3.370	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 3.370	
2.1.6) M240 (SH-60B) - Organic	62 / 0.937	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 0.937	
Subtotal Recurring	199 / 5.847	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	199 / 5.847	
Non-Recurring													
2.2.1) INSTALLATION EQUIPMENT N/R - Organic	- / 2.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.427	
Subtotal Non-Recurring	- / 2.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.427	
Total, 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)	626 / 26.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	626 / 26.400	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)				

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Total Procurement, All Modifications</i>	626 / 26.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	626 / 26.400
Support												
3.1) ENGINEERING CHANGE ORDERS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) DATA	- / 0.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.260
3.3) DATA - OCO	- / 0.047	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.047
3.4) TRAINING EQUIPMENT	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) SUPPORT EQUIPMENT	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) OTHER SUPPORT	- / 0.232	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.232
3.8) OTHER SUPPORT - OCO	- / 0.919	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.919
3.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Support, All Modifications</i>	1.458	-	-	-	-	-	-	-	-	-	-	1.458
<i>Total Procurement and Support</i>	27.858	-	-	-	-	-	-	-	-	-	-	27.858
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	27.858	-	-	-	-	-	-	-	-	-	-	27.858

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0530 - SH-60 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)	
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)			Method of Implementation: Organic - GAU-17 CABIN MOD (HH-60H)			Installation Quantity: 7	
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)			Method of Implementation: Organic - GAU-17 CABIN MOD (HH-60H) - OCO			Installation Quantity: 63	
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)			Method of Implementation: Organic - FTI/AIS (SH-60B/F, HH-60H, MH-60R/S)			Installation Quantity: 70	
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)			Method of Implementation: Organic - AAR-47A(V)2 (SH-60B)			Installation Quantity: 117	
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)			Method of Implementation: Organic - PRIOR YEAR INSTALLATION KITS			Installation Quantity: 170	
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)			Method of Implementation: Organic - AIMING LASER (SH-60B,HH-60H)			Installation Quantity: 3	
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)			Method of Implementation: Organic - FTI/AIS (SH-60B/F, HH-60H, MH-60R/S)			Installation Quantity: 70	
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)			Method of Implementation: Organic - GAU-17 (HH-60H)			Installation Quantity: 13	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)	Method of Implementation: Organic - GAU-17 (HH-60H) - OCO	Installation Quantity: 51
Installation: 008-07 H-60 HELICOPTER VISIT, BOARD, SEARCH, AND SEIZURE (HVBSS)	Method of Implementation: Organic - M240 (SH-60B)	Installation Quantity: 62

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (Modification Number - Modification Title): 5 - 009-07 MH-60S WARFIGHTER				
Models of Systems Affected: MH-60S			Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	73.415	35.760	17.737	39.226	-	39.226	50.537	45.298	38.242	39.396	37.718	377.329
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	73.415	35.760	17.737	39.226	-	39.226	50.537	45.298	38.242	39.396	37.718	377.329
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	73.415	35.760	17.737	39.226	-	39.226	50.537	45.298	38.242	39.396	37.718	377.329
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: Provides for the retrofit of Engineering Change Proposal (ECP) 4034 which includes two phases: Airborne Mine Countermeasures (AMCM) Block 2B (Airborne Mine Neutralization System and Airborne Laser Mine Detection System) and full 3B Pre-Planned Product Improvement (P3I) effort includes: Link-16, Downed Aviator Locator System, Selective Availability Anti-Spoofing Module, Global Positioning System (GPS) Antenna System-1 (GAS-1), Aircraft Personality Control Module, Identification Friend or Foe (IFF) Mode S and Mode 5, and communication upgrades, airframe provisions into 60 Block 1/2/3 aircraft; ECP 4034 P3I Lite includes Communications Upgrades on 46 Block 1 aircraft; ECP 4015/Armed Helo Block 3A weapons airframe provision (H60-50) into 32 Block 2A aircraft; Airframe provisions and kits for Forward Firing Weapons (FFW) Guns and Rockets to provide a response capability to the Fast Attack Craft/Fast Inshore Attack Craft (FAC/FIAC) threat and corresponding trainer updates. This Operational Safety Improvement Program (OSIP) also provides the retrofit of ECP 4012 and 4039 required for the aircraft structural loads imposed by the addition of the AMCM and Armed Helo capabilities, retrofit of Active Vibration Control (AVC) in 76 MH-60S aircraft, and Integrated Mechanical Diagnostics System (IMDS) in 169 MH-60S aircraft to achieve a common configuration for vibration and IMDS. IMDS includes a crash survivable flight data recorder capability, as well, as providing capabilities required for transition to Condition Based Maintenance and to employ Military Flight Operations Quality Assurance capability. Increase in other support reflects the increasing shift towards aircraft modifications as the sole means to incorporate changes on the MH-60S. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The MH-60S Aircraft completed Milestone III in August 2002. Armed Helo achieved Initial Operational Capability (IOC) in June 2007. IMDS and P3I achieved IOC in December 2009. AMCM will achieve IOC in FY14. NAME CHANGE NOTE: OSIP title changed from MH-60S Warfighting Capability to MH-60S Warfighter. Name change is to facilitate transition from MH-60S ending production and entering sustainment/obsolescence phase of acquisition. P3A/INSTALL SCHEDULE NOTES: ECP 4015 (H60-50) Block 3A: Six prior year kits available for installs from missed production installs. Not procured with APN-5. Installs being conducted via multiple contractors and Fleet Readiness Centers. Unit cost varies. Technical Directive development and aircraft availability delayed the installs. ECP 4034 Block 2B/3B Full P3I: Due to pending HAC-D Mark, unit costs/quantities were frozen at original PB2013 submit numbers. This causes unit cost fluctuation between FY12-FY14. FY2012 kit installs were delayed due to aircraft availability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 009-07 MH-60S WARFIGHTER
Models of Systems Affected: MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
ECP 4034 Block 3B Partial P3I: FY2012 kit installs were delayed due to aircraft availability. ECP 4012: 20 kits available for install from vendor. Not procured with APN-5. ECP 4039: Due to pending HAC-D Mark, unit costs/quantities were frozen at original PB2013 submit numbers. This causes unit cost fluctuation between FY12-FY14. Initial kit deliveries expedited due to issues with vendor proposal and delays to contract award. ECP 4039 installs extend out more than one year due to a delay in the delivery of a second set of tooling which will allow a second FRC to commence installs. ECP 4046: Initial FY12 contract award delayed due to Validation/Verification scheduled/conducted in December 2011. Lead time will reduce as increased kits are procured. Installs may cover 5 quarters for FY15-FY17 kits, however they fall within a 12 month install period. They begin in the last month of the 1st quarter and complete in the first month of the 5th quarter, thereby not exceeding 12 months. Increase in other support reflects the increasing shift towards aircraft modifications as the sole means to incorporate changes on the MH-60S.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - 009-07 MH-60S WARFIGHTER					
Models of Systems Affected: MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
009-07 MH-60S WARFIGHTER													
A Kits													
Recurring													
1.1.1) ECP 4015 (H60-050) Block 3A - NonOrganic	26 / 13.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 13.458	
1.1.3) ECP 4034 Block 2B/Block 3B Full P3I - NonOrganic	33 / 7.052	13 / 1.138	6 / 1.400	8 / 0.717	- / -	8 / 0.717	- / -	- / -	- / -	- / -	- / -	60 / 10.307	
1.1.4) ECP 4034 Block 3B Partial P3I - NonOrganic	33 / 0.243	12 / 0.763	- / -	1 / 0.015	- / -	1 / 0.015	- / -	- / -	- / -	- / -	- / -	46 / 1.021	
1.1.5) ECP 4012 - NonOrganic	43 / 0.376	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 0.376	
1.1.6) ECP 4039 - NonOrganic	20 / 2.617	17 / 0.882	10 / 1.060	14 / 1.330	- / -	14 / 1.330	12 / 1.200	13 / 1.365	- / -	- / -	- / -	86 / 8.454	
1.1.7) GPS Antenna System-1 (GAS-1) - NonOrganic	46 / 3.513	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 3.513	
1.1.8) ECP 4046 AVC/DALS - NonOrganic	- / -	9 / 2.900	- / -	8 / 2.240	- / -	8 / 2.240	10 / 2.800	13 / 3.640	14 / 3.920	19 / 5.320	3 / 0.840	76 / 21.660	
1.1.9) Integrated Mechanical Diagnostics Systems (IMDS) - NonOrganic ⁽⁹⁾	42 / 7.111	7 / 2.505	20 / 1.500	20 / 1.592	- / -	20 / 1.592	20 / 1.685	20 / 1.725	20 / 1.770	20 / 1.813	- / -	169 / 19.701	
1.1.10) Data Link A Kit - Organic	- / -	- / -	4 / 1.000	14 / 3.514	- / -	14 / 3.514	42 / 10.710	40 / 10.400	40 / 10.400	42 / 10.920	38 / 9.956	220 / 56.900	
1.1.11) FFW - Organic	9 / 0.675	60 / 0.610	60 / 1.050	8 / 0.140	- / -	8 / 0.140	- / -	- / -	- / -	- / -	- / -	137 / 2.475	
Subtotal Recurring	252 / 35.045	118 / 8.798	100 / 6.010	73 / 9.548	- / -	73 / 9.548	84 / 16.395	86 / 17.130	74 / 16.090	81 / 18.053	41 / 10.796	909 / 137.865	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 22.008	- / 10.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 32.872	
Subtotal Non-Recurring	- / 22.008	- / 10.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 32.872	
B Kits													
Recurring													
2.1.1) FFW (B Kits)/RME - Organic	- / -	6 / 2.100	5 / 1.800	34 / 12.308	- / -	34 / 12.308	- / -	- / -	- / -	- / -	20 / 2.960	65 / 19.168	
2.1.2) FFW Targeting - Organic	- / -	- / -	- / -	- / -	- / -	- / -	45 / 15.750	32 / 11.424	14 / 5.012	14 / 5.026	15 / 5.385	120 / 42.597	
Subtotal Recurring	- / -	6 / 2.100	5 / 1.800	34 / 12.308	- / -	34 / 12.308	45 / 15.750	32 / 11.424	14 / 5.012	14 / 5.026	35 / 8.345	185 / 61.765	
Total, 009-07 MH-60S WARFIGHTER	252 / 57.053	124 / 21.762	105 / 7.810	107 / 21.856	- / -	107 / 21.856	129 / 32.145	118 / 28.554	88 / 21.102	95 / 23.079	76 / 19.141	1,094 / 232.502	
Total Procurement, All Modifications	252 / 57.053	124 / 21.762	105 / 7.810	107 / 21.856	- / -	107 / 21.856	129 / 32.145	118 / 28.554	88 / 21.102	95 / 23.079	76 / 19.141	1,094 / 232.502	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.040	
3.3) Training Equipment	- / -	- / 3.078	- / -	- / 1.990	- / -	- / 1.990	- / 2.060	- / -	- / -	- / -	- / -	- / 7.128	
3.4) Support Equipment	- / 0.452	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.452	

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LI 0530 - SH-60 Series
Navy

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 009-07 MH-60S WARFIGHTER	
Models of Systems Affected: MH-60S			Type Modification: OPERATIONAL ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: 009-07 MH-60S WARFIGHTER							
Manufacturer Name: ECP 4015--AMCOM				Manufacturer Location: North Carolina			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Manufacturer Name: ECP 4034 Full -- Sikorsky Aircraft Corporation - TH-3D Structural Mod				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Oct 2012	Oct 2013	Oct 2014				
Manufacturer Name: ECP 4034 Partial -- Sikorsky Aircraft Corporation - TH-3D Structural Mod				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 11			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012		Dec 2013				
Delivery Dates	Dec 2012		Oct 2014				
Manufacturer Name: ECP 4012 -- FRCMA/FRCSW				Manufacturer Location: Norfolk, VA/San Diego, CA			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 9			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Manufacturer Name: ECP 4039 -- Sikorsky Aircraft Corporation - TH-3D Structural Mod				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 20			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Apr 2012	Dec 2012	Dec 2013	Dec 2014	Dec 2015		
Delivery Dates	Jun 2013	Aug 2014	Aug 2015	Aug 2016	Aug 2017		
Manufacturer Name: GPS/GAS-1 -- AMCOM				Manufacturer Location: North Carolina			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 009-07 MH-60S WARFIGHTER				
Models of Systems Affected: MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:				
Manufacturer Information: 009-07 MH-60S WARFIGHTER												
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Delivery Dates												
Manufacturer Name: ECP 4046 -- FRCMA/FRCSW					Manufacturer Location: Norfolk, VA/San Diego, CA							
Administrative Leadtime (<i>in Months</i>): 3					Production Leadtime (<i>in Months</i>): 12							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jan 2013		Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Delivery Dates	Dec 2013		Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018					
Manufacturer Name: IMDS -- CECOM					Manufacturer Location: New MFG - Loc							
Administrative Leadtime (<i>in Months</i>): 3					Production Leadtime (<i>in Months</i>): 12							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Jun 2012	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Delivery Dates	May 2013	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018					
Installation: 009-07 MH-60S WARFIGHTER			Method of Implementation: Contractor Field Mod Team/Fleet Readiness Center (FRC)					Installation Name: ECP 4015 (H60-050) Block 3A				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	21 / 7.631	7 / 1.507	4 / 0.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 9.938
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	21 / 7.631	7 / 1.507	4 / 0.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 9.938

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0530 - SH-60 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 009-07 MH-60S WARFIGHTER									
Models of Systems Affected: MH-60S											Type Modification: OPERATIONAL ENHANCEMENT											Related RDT&E PEs:									
Installation: 009-07 MH-60S WARFIGHTER											Method of Implementation: Contractor Field Mod Team/Fleet Readiness Center (FRC)											Installation Name: ECP 4015 (H60-050) Block 3A									
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	21	1	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32
Out	21	1	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32

Installation: 009-07 MH-60S WARFIGHTER											Method of Implementation: Contractor Field Mod Team											Installation Name: ECP 4034 Block 2B/Block 3B Full P3I						
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total															
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)															
All Prior Years		- / -	16 / 1.152	17 / 1.224	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 2.376															
FY 2012		- / -	- / -	- / -	13 / 0.936	- / -	13 / 0.936	- / -	- / -	- / -	- / -	- / -	13 / 0.936															
FY 2013		- / -	- / -	- / -	6 / 0.432	- / -	6 / 0.432	- / -	- / -	- / -	- / -	- / -	6 / 0.432															
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.600	- / -	- / -	- / -	- / -	8 / 0.600															
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -															
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -															
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -															
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -															
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -															
Total		- / -	16 / 1.152	17 / 1.224	19 / 1.368	- / -	19 / 1.368	8 / 0.600	- / -	- / -	- / -	- / -	60 / 4.344															

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	5	6	5	5	4	4	4	5	6	5	3	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	60
Out	-	-	5	6	5	5	4	4	4	5	6	5	3	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	60

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 009-07 MH-60S WARFIGHTER				
Models of Systems Affected: MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:				

Installation: 009-07 MH-60S WARFIGHTER				Method of Implementation: Contractor Field Mod Team				Installation Name: ECP 4034 Block 3B Partial P3I				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	24 / 1.172	9 / 0.140	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 1.312
FY 2012	- / -	- / -	5 / 0.078	3 / 0.060	- / -	3 / 0.060	4 / 0.062	- / -	- / -	- / -	- / -	12 / 0.200
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.016	- / -	- / -	- / -	- / -	1 / 0.016
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	24 / 1.172	14 / 0.218	3 / 0.060	- / -	3 / 0.060	5 / 0.078	- / -	- / -	- / -	- / -	46 / 1.528

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	5	5	7	7	3	4	4	3	-	3	-	-	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
Out	-	5	5	7	7	3	4	4	3	-	3	-	-	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46

Installation: 009-07 MH-60S WARFIGHTER				Method of Implementation: Depot Field Mod Team/Depot Mod Line				Installation Name: ECP 4012				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	44 / 1.397	14 / 0.529	5 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 2.126
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy																				Date: April 2013															
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0530 - SH-60 Series										Modification Nomenclature (Modification Number - Modification Title): 5 - 009-07 MH-60S WARFIGHTER															
Models of Systems Affected: MH-60S										Type Modification: OPERATIONAL ENHANCEMENT										Related RDT&E PEs:															
Installation: 009-07 MH-60S WARFIGHTER										Method of Implementation: Depot Field Mod Team/Depot Mod Line										Installation Name: ECP 4012															
						Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
						Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)					
Total						44 / 1.397		14 / 0.529		5 / 0.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		63 / 2.126							
Installation Schedule																																			
		APY		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC		Tot	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
In		44		1	4	5	4	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63					
Out		44		1	4	5	4	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63					
Installation: 009-07 MH-60S WARFIGHTER										Method of Implementation: Contractor Field Mod Team										Installation Name: ECP 4039															
						Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
						Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)					
All Prior Years						2 / 0.891		10 / 2.880		8 / 2.816		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		20 / 6.587							
FY 2012						- / -		- / -		4 / 1.408		13 / 3.900		- / -		13 / 3.900		- / -		- / -		- / -		- / -		- / -		17 / 5.308							
FY 2013						- / -		- / -		- / -		- / -		- / -		- / -		10 / 3.290		- / -		- / -		- / -		- / -		10 / 3.290							
FY 2014						- / -		- / -		- / -		- / -		- / -		- / -		- / -		14 / 4.690		- / -		- / -		- / -		14 / 4.690							
FY 2015						- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 4.200		- / -		- / -		12 / 4.200							
FY 2016						- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		13 / 4.550		- / -		13 / 4.550							
FY 2017						- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018						- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete						- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total						2 / 0.891		10 / 2.880		12 / 4.224		13 / 3.900		- / -		13 / 3.900		10 / 3.290		14 / 4.690		12 / 4.200		13 / 4.550		- / -		86 / 28.625							
Installation Schedule																																			
		APY		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC		Tot	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
In		2		2	3	2	3	2	2	4	4	2	4	4	3	2	4	4	-	4	5	5	-	3	5	4	-	3	5	5	-	-	86		
Out		-		2	2	3	2	3	2	2	4	4	2	4	4	3	2	4	4	-	4	5	5	-	3	5	4	-	3	5	5	-	86		

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - 009-07 MH-60S WARFIGHTER				
Models of Systems Affected: MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:				

Installation: 009-07 MH-60S WARFIGHTER				Method of Implementation: Contractor Field Mod Team				Installation Name: GPS Antenna System-1 (GAS-1)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	25 / 0.621	21 / 0.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.873
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	25 / 0.621	21 / 0.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.873

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	25	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	
Out	25	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	

Installation: 009-07 MH-60S WARFIGHTER				Method of Implementation: Contractor Field Mod Team				Installation Name: ECP 4046 AVC/DALS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	9 / 1.593	- / -	9 / 1.593	- / -	- / -	- / -	- / -	- / -	9 / 1.593
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.260	1 / 0.187	- / -	- / -	- / -	8 / 1.447
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.683	1 / 0.189	- / -	- / -	10 / 1.872
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 2.457	- / -	- / -	13 / 2.457
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 2.646	- / -	14 / 2.646
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 4.198	19 / 4.198
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.579	3 / 0.579

UNCLASSIFIED

LI 0530 - SH-60 Series
Navy

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 009-07 MH-60S WARFIGHTER
Models of Systems Affected: MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 009-07 MH-60S WARFIGHTER	Method of Implementation: Organic - Data Link A Kit	Installation Quantity: 220
Installation: 009-07 MH-60S WARFIGHTER	Method of Implementation: Organic - FFW	Installation Quantity: 137
Installation: 009-07 MH-60S WARFIGHTER	Method of Implementation: Organic - FFW (B Kits)/RME	Installation Quantity: 65
Installation: 009-07 MH-60S WARFIGHTER	Method of Implementation: Organic - FFW Targeting	Installation Quantity: 120
Footnotes: ⁽⁹⁾ Integrated Mechanical Diagnostics Systems (IMDS) A Kits Recurring cost increase is due to manufacturer's projected costs using commercial inflation rates. ⁽¹⁰⁾ Integrated Logistics Support (ILS) increase from FY2013 to FY2014 is due to the inclusion of the Forward Firing Weapons (FFW) B-kit Removable Mission Equipment (M197/rockets) to address the urgent need for Fast Attack Craft/Fast Inshore Attack Craft (FAC/FIAC) threat response as well as related Data Link capability. ⁽¹¹⁾ Increase in Other Support reflects the increasing shift towards aircraft modifications as the sole means to incorporate changes on the MH-60S.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 6 - 023-08 H-60 OVERLAND MISSIONS				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	9.069	3.000	3.699	2.601	-	2.601	0.341	-	-	-	-	18.710
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	9.069	3.000	3.699	2.601	-	2.601	0.341	-	-	-	-	18.710
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	9.069	3.000	3.699	2.601	-	2.601	0.341	-	-	-	-	18.710
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: The H-60 Overland Missions Operational Safety Improvement Program (OSIP) funds the modifications to the H-60 Series aircraft avionics and airframe in support of Fleet operations for in-country/overland missions. The modifications included under this OSIP will protect the aircraft from physical damage due to the operational environment in order to increase reliability, maintainability and/or mission capability for the conduct of the in-country/overland missions. The modifications include sand ingestion filters such as the Engine Inlet Barrier Filter (EIBF), Auxiliary Power Unit Inlet Barrier Filter and ALQ-144 filters. T700 EIBF systems are required for H-60 aircraft deployed in the desert environment. EIBF systems directly reduce T700 power degradation rates and prevent incidence of foreign object damage. Additionally, the modifications will include aircraft avionics and missions systems that allow for overland operations in Degraded Visual Environments (DVE) that are unique to missions conducted in unimproved terrain, both day and night and in all weather conditions. This includes terrain avoidance warning systems, ground proximity warning system, precision overland navigation awareness displays, enhanced radar laser detection systems for obstacle and powerline avoidance, and additional developmental items that pertain to operations in degraded visual environments. Adding a Dual Embedded Global Positioning System Inertial Navigation Sensor and upgraded software for the Horizontal Situation Visual Display will provide pilots with instantaneous and precise positioning data and hover-specific symbology, greatly enhancing situational awareness when landing in DVE. Additional modifications include a high altitude oxygen system for use while operating in mountains, ballistic floor armor for protection against small arms fire and small arms storage for troop safety. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: EIBF development was completed by the Army and is a commercial off-the-shelf procurement.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 6 - 023-08 H-60 OVERLAND MISSIONS					
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
023-08 H-60 OVERLAND MISSIONS													
A Kits													
Recurring													
1.1.1) Ballistic Protection System (BPS) - Organic	12 / 0.899	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.899	
1.1.2) Engine Inlet Barrier Filter (EIBF) (HH-60H) - Organic	36 / 0.833	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 0.833	
1.1.3) Degraded Visual Environments (DVE) Kit - OCO - NonOrganic	16 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 1.000	
1.1.4) DVE Kit - NonOrganic	- / -	- / -	13 / 2.600	3 / 0.600	- / -	3 / 0.600	- / -	- / -	- / -	- / -	- / -	16 / 3.200	
1.1.5) Prior Year Installation - Organic	36 / 0.840	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 0.840	
Subtotal Recurring	100 / 3.572	- / -	13 / 2.600	3 / 0.600	- / -	3 / 0.600	- / -	- / -	- / -	- / -	- / -	116 / 6.772	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 1.428	- / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.428	
Subtotal Non-Recurring	- / 1.428	- / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.428	
B Kits													
Recurring													
2.1.1) EIBF (HH-60H) - Organic	32 / 2.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 2.750	
Subtotal Recurring	32 / 2.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 2.750	
Total, 023-08 H-60 OVERLAND MISSIONS	132 / 7.750	- / 3.000	13 / 2.600	3 / 0.600	- / -	3 / 0.600	- / -	- / -	- / -	- / -	- / -	148 / 13.950	
Total Procurement, All Modifications	132 / 7.750	- / 3.000	13 / 2.600	3 / 0.600	- / -	3 / 0.600	- / -	- / -	- / -	- / -	- / -	148 / 13.950	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.304	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.304	
3.3) Training Equipment	- / 1.000	- / -	- / -	- / 0.688	- / -	- / 0.688	- / -	- / -	- / -	- / -	- / -	- / 1.688	
3.4) Support Equipment	1 / 0.015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.015	
3.5) ILS	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / 0.200	
3.6) Other Support ⁽¹²⁾	- / -	- / -	- / 0.099	- / 0.300	- / -	- / 0.300	- / 0.153	- / -	- / -	- / -	- / -	- / 0.552	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	1.319	-	0.099	1.188	-	1.188	0.153	-	-	-	-	2.759	
Total Procurement and Support	9.069	3.000	2.699	1.788	-	1.788	0.153	-	-	-	-	16.709	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - 023-08 H-60 OVERLAND MISSIONS			
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
023-08 H-60 OVERLAND MISSIONS Installation Cost	- / 0.000	- / -	- / 1.000	- / 0.813	- / -	- / 0.813	- / 0.188	- / -	- / -	- / -	- / -	- / 2.001
<i>Total Installation Cost</i>	- / 0.000	- / -	- / 1.000	- / 0.813	- / -	- / 0.813	- / 0.188	- / -	- / -	- / -	- / -	- / 2.001
Total Cost (Procurement + Support + Installation)	9.069	3.000	3.699	2.601	-	2.601	0.341	-	-	-	-	18.710

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0530 - SH-60 Series		Modification Nomenclature (Modification Number - Modification Title): 6 - 023-08 H-60 OVERLAND MISSIONS	
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S		Type Modification: OPERATIONAL ENHANCEMENT		Related RDT&E PEs:	

Manufacturer Information: 023-08 H-60 OVERLAND MISSIONS							
Manufacturer Name: DVE -- Contractor Field Mod Team				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 12			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Jan 2013	Jan 2014				
Delivery Dates		Jan 2014	Jan 2015				

Installation: 023-08 H-60 OVERLAND MISSIONS				Method of Implementation: Contractor Field Mod Team				Installation Name: HH-60H DVE				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	16 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 1.000
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	13 / 0.813	- / -	13 / 0.813	- / -	- / -	- / -	- / -	- / -	13 / 0.813
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.188	- / -	- / -	- / -	- / -	3 / 0.188
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	16 / 1.000	13 / 0.813	- / -	13 / 0.813	3 / 0.188	- / -	- / -	- / -	- / -	32 / 2.001

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	6	6	4	-	5	5	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32
Out	-	-	-	-	-	-	6	6	4	-	5	5	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32

Installation: 023-08 H-60 OVERLAND MISSIONS				Method of Implementation: Organic - Ballistic Protection System (BPS)								Installation Quantity: 12							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - 023-08 H-60 OVERLAND MISSIONS
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 023-08 H-60 OVERLAND MISSIONS	Method of Implementation: Organic - Engine Inlet Barrier Filter (EIBF) (HH-60H)	Installation Quantity: 36
Installation: 023-08 H-60 OVERLAND MISSIONS	Method of Implementation: Not Installed - Prior Year Installation	Installation Quantity: 36
Installation: 023-08 H-60 OVERLAND MISSIONS	Method of Implementation: Organic - EIBF (HH-60H)	Installation Quantity: 32
Installation: 023-08 H-60 OVERLAND MISSIONS	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 1
Footnotes: ⁽¹²⁾ Increase in Other Support from FY2013 to FY2014 is due to training, integrated logistics support (ILS), and other support required to field the Degraded Visual Environment (DVE) system.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - 008-09 SH-60B DATALINK			

Models of Systems Affected: SH-60B				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	13.391	-	-	-	-	-	-	-	-	-	-	13.391
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	13.391	-	-	-	-	-	-	-	-	-	-	13.391
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	13.391	-	-	-	-	-	-	-	-	-	-	13.391
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION: The SH-60B currently has a C-Band data link (Hawklink) to transmit data between aircraft and ship. The Littoral Combat Ship (LCS) will be built with a new data link system, Ku Band, which is not compatible with the C-Band. The installation of the Tactical Common Data Link (TCDL) kits on SH-60B aircraft are required to support the LCS during a limited time-frame - from FY09 to FY13 - after which, it is expected that the MH-60R aircraft will be available to support the LCS. The SH-60B TC DL will support the relatively short-range transmission of voice and video information with a limited amount of tactical data. The funding in this Operational Safety Improvement Program will provide the procurement of 25 SH-60B Ku Band B-kit modifications to be compatible and interoperable with LCS. The new Ku Band data link will transfer data from the SH-60B to the LCS to meet LCS Anti-Submarine Warfare and Surface Warfare mission requirements. The kits will be installed at "O" level.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 7 - 008-09 SH-60B DATALINK				
Models of Systems Affected: SH-60B				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
008-09 SH-60B DATALINK												
A Kits												
Recurring												
1.1.1) Common Data Link (CDL) - Organic	25 / 11.218	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 11.218
Subtotal Recurring	25 / 11.218	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 11.218
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 0.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.246
Subtotal Non-Recurring	- / 0.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.246
Total, 008-09 SH-60B DATALINK	25 / 11.464	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 11.464
Total Procurement, All Modifications	25 / 11.464	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 11.464
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.746	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.746
3.6) Other Support	- / 1.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.081
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	1.927	-	-	-	-	-	-	-	-	-	-	1.927
Total Procurement and Support	13.391	-	-	-	-	-	-	-	-	-	-	13.391
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	13.391	-	-	-	-	-	-	-	-	-	-	13.391

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0530 - SH-60 Series			Modification Nomenclature (Modification Number - Modification Title): 7 - 008-09 SH-60B DATALINK	
Models of Systems Affected: SH-60B			Type Modification: OPERATIONAL ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: 008-09 SH-60B DATALINK							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 008-09 SH-60B DATALINK							
Method of Implementation: Organic - Common Data Link (CDL)			Installation Quantity: 25				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 8 - 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE				
Models of Systems Affected: MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	31.781	12.004	2.392	-	-	-	-	-	-	-	5.699	51.876
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	31.781	12.004	2.392	-	-	-	-	-	-	-	5.699	51.876
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	31.781	12.004	2.392	-	-	-	-	-	-	-	5.699	51.876
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: This effort reduces crew Operator System Interface (OSI) workload issues for MH-60R and MH-60S aircraft by replacing operator keysets with Control Display Units (CDUs) and Pointing Devices (PDs) in addition to upgrading OSI software to a point-and-click interface. The OSI kit includes a CDU, PD, and Interface Cabling Kit. This effort corrects deficiencies identified during the Operational Evaluation of the MH-60R. MH-60R requires three (3) OSI kits per aircraft and MH-60S requires two (2) OSI kits per aircraft. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: MH-60S aircraft completed Operational Evaluation in March 2002 and Milestone III in August 2002. MH-60R completed Operational Evaluation in September 2005 and Milestone III in March 2006. Non-Recurring Engineering for production incorporation of the OSI was funded in FY07, with production cut-in in LOT 14 for MH-60S and LOT 9 for MH-60R. METHOD OF IMPLEMENTATION: OSI is an "O" Level Install.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (Modification Number - Modification Title): 8 - 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE				
Models of Systems Affected: MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE													
A Kits													
Recurring													
1.1.1) MH-60R - Organic	240 / 13.787	104 / 5.761	16 / 0.924	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 1.368	384 / 21.840	
1.1.2) MH-60S - Organic	232 / 12.004	90 / 4.907	20 / 1.140	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 4.331	418 / 22.382	
Subtotal Recurring	472 / 25.791	194 / 10.668	36 / 2.064	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 5.699	802 / 44.222	
Total, 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE	472 / 25.791	194 / 10.668	36 / 2.064	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 5.699	802 / 44.222	
Total Procurement, All Modifications	472 / 25.791	194 / 10.668	36 / 2.064	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 5.699	802 / 44.222	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	72 / 3.404	16 / 0.874	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	88 / 4.278	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / -	- / 0.462	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.462	
3.7) Interim Contractor Support	- / 2.586	- / -	- / 0.328	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.914	
Total Support, All Modifications	5.990	1.336	0.328	-	-	-	-	-	-	-	-	7.654	
Total Procurement and Support	31.781	12.004	2.392	-	-	-	-	-	-	-	5.699	51.876	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	31.781	12.004	2.392	-	-	-	-	-	-	-	5.699	51.876	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0530 - SH-60 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE	
Models of Systems Affected: MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE			Method of Implementation: Organic - MH-60R			Installation Quantity: 384	
Installation: 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE			Method of Implementation: Organic - MH-60S			Installation Quantity: 418	
Installation: 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE			Method of Implementation: Not Installed - Training Equipment			Installation Quantity: 88	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (Modification Number - Modification Title): 9 - 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION				
Models of Systems Affected: MH-60R			Type Modification: OPERATIONAL ENHANCEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	13.757	33.486	-	-	-	-	-	-	-	-	47.243
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	13.757	33.486	-	-	-	-	-	-	-	-	47.243
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	13.757	33.486	-	-	-	-	-	-	-	-	47.243
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: This line item funds modifications to the MH-60R series aircraft. The modification upgrades the AN/APS-147 Multi-Mode Radar (MMR) to incorporate Automatic Radar Periscope Detection and Discriminator (ARPDD) functionality. ARPDD provides the MH-60R the capability to detect very small, low visibility targets, such as periscopes and small vessels, and alert the aircrew to their presence from long distances, reducing aircrew workload and increasing battle group survivability. 300 MH-60R aircraft will receive ARPDD capability, 151 will be retrofitted. The AN/APS-147 MMR consists of the Signal Data Processor/ARPDD Enhanced Processor, Receiver Transmitter, Antenna Pedestal, Antenna Array, and Interrogator Friend or Foe Receiver Transmitter (IFF R/T). Retrofits to the IFF R/T will provide Mode 5 interrogation capability. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: ARPDD capability was approved with Capabilities Production Document 260-05 dated 28 November 2005. Critical Design Review was completed April 2009. Contractor Test was completed in December 2010, Developmental Test was completed in December 2011, and Operational Test was completed in July 2012. NOTE: To facilitate transition of the MH-60R ending production and entering sustainment/obsolescence phase of acquisition life cycle, Operational Safety Improvement Program (OSIP) 005-12 ARPDD has been incorporated into 001-06 MH-60R Warfighter starting in FY2014. ARPDD kits (15) purchased in FY2012 under OSIP 005-12 will be installed under OSIP 001-06 in FY2014, and ARPDD kits (19) that will be purchased in FY2013 under OSIP 005-12 will be installed under OSIP 001-06 in FY2015.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 9 - 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION					
Models of Systems Affected: MH-60R				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION													
A Kits													
Recurring													
1.1.1) ARPDD Kit - NonOrganic	- / -	15 / 0.199	19 / 0.385	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.584	
Subtotal Recurring	- / -	15 / 0.199	19 / 0.385	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.584	
B Kits													
Recurring													
2.1.1) ARPDD Kit - Organic	- / -	6 / 11.741	15 / 28.784	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 40.525	
Subtotal Recurring	- / -	6 / 11.741	15 / 28.784	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 40.525	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / -	- / 1.817	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.817	
Subtotal Non-Recurring	- / -	- / 1.817	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.817	
Total, 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION	- / -	21 / 13.757	34 / 29.169	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 42.926	
Total Procurement, All Modifications	- / -	21 / 13.757	34 / 29.169	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 42.926	
Support													
3.1) ARPDD Kit ECO	- / -	- / -	- / 0.583	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.583	
3.2) Data	- / -	- / -	- / 0.836	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.836	
3.3) Training Equipment	- / -	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	
3.4) ILS	- / -	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	
3.5) Other Support	- / -	- / -	- / 0.398	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.398	
3.6) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	4.317	-	-	-	-	-	-	-	-	4.317	
Total Procurement and Support	0.000	13.757	33.486	-	-	-	-	-	-	-	-	47.243	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	13.757	33.486	-	-	-	-	-	-	-	-	47.243	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0530 - SH-60 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION	
Models of Systems Affected: MH-60R			Type Modification: OPERATIONAL ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION							
Manufacturer Name: ARPDD--Lockheed Martin Mission Systems					Manufacturer Location: Owego, NY		
Administrative Leadtime (<i>in Months</i>): 6					Production Leadtime (<i>in Months</i>): 24		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Apr 2012	Mar 2013					
Delivery Dates	Apr 2014	Mar 2015					
Installation: 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION							
			Method of Implementation: Organic - ARPDD Kit			Installation Quantity: 21	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (Modification Number - Modification Title): 10 - 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R			Type Modification: SUSTAINMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	5.954	8.221	19.757	-	19.757	18.403	26.912	10.500	10.912	56.130	156.789
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	5.954	8.221	19.757	-	19.757	18.403	26.912	10.500	10.912	56.130	156.789
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	5.954	8.221	19.757	-	19.757	18.403	26.912	10.500	10.912	56.130	156.789
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION: The H-60 aircraft sustainment strategy targets initiatives to remedy the top age-related maintenance degraders that impede the aircraft's ability to operate into the future. This effort will sustain the H-60 in an affordable manner until the follow-on aircraft becomes available. Wire insulation breaches occur in all aircraft regardless of age, and a breach in the wire is a precursor of wire failure, often resulting in forced landings or even loss of the aircraft and crew. The propensity for failure of wire insulation is primarily due to age of the polymer that makes up the wire insulation. Other factors such as vibration, moisture, temperature, installation practices, and routing in the aircraft contribute to the aging process. The bulk of wire troubleshooting on aircraft electrical circuits is perfumed by making pin-to-pin measurements using a hand-held multimeter or manual breakout boxes. It is a slow process, prone to human error, and cannot be used to detect wire faults prior to occurrence. Wire maintenance today is purely reactive. The typical wire inspection employed by military electricians is visual and does not meet the needs of emerging aircraft wiring problems. Obvious failures, such as severed wire, can be detected with human sight; however, visual inspections will not detect the slow erosion associated with the aging process of wire. Further, studies have proven that only twenty-five percent of any aircraft wiring system can be visually inspected without extensive removal of access panels, floorboards, and sound proofing. Increase in this Operational Safety Improvement Program reflects the increasing shift towards aircraft modifications as the sole means to incorporate changes on the H-60 Aircraft.												
The H-60 Aircraft are included in the Department of the Navy Aviation Plan through calendar year 2045. The H-60 Aircraft Sustainment Strategy targets initiatives to remedy the top age-related maintenance degraders, fatigue life limiters, and safety issues that impede the aircraft's ability to operate into the future. This program implements a concentrated effort to utilize improvements to the H-60 component obsolescence (e.g. engine redesign), structural limitations (e.g. tail pylon, canted bulkhead, station 308 structural improvement), aircrew safety systems and program sustainment support.												
Aircraft modification/replacement of the ASN-150 computer and the communication system controller in the HH-60H will allow for future software builds. The current computer has obsolescence issues and does not have the memory or processing speed for new software builds. Other obsolescence issues to be modified are the Automatic Flight Control System control panel, SBU-28 rate gyro and hellfire control units. Aircraft floor boards, sound proofing and environmental control system duct work must be replaced as the aircraft ages and these items wear due to use in addition to other engine, structural, avionics and aircrew safety systems.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R	Type Modification: SUSTAINMENT	Related RDT&E PEs:
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Over the past 3 years reliability centered maintenance analyses and studies have been accomplished identifying the major airframe harnesses of the SH-60B/HH-60H along with the necessary support equipment required to identify the breaches and integrity of the major airframe harnesses. Those harnesses are being revitalized and remanufactured with the latest technologies available today and will be installed at the next Periodic Maintenance Interval (PMI) for selected aircraft scheduled to remain in the active inventory. The necessary Aircraft Wiring Analyzer test sets and associated Operational Test Program Sets for both platforms and PMI sites are being developed on a similar schedule to be fielded concurrently with the install schedule. For SH-60B Tired Wiring commenced the second quarter of FY2012 and will complete the first quarter of FY2015. HH-60H Tired Wiring commences the second quarter of FY2013 and will complete the third quarter of FY2016. NOTES: (1) To facilitate transition from H-60R/S ending production and entering sustainment/obsolescence phase of acquisition life cycle, the name of Operational Safety Improvement Program 018-12 has been changed from H-60 Aircraft Sustainment to H-60 Obsolescence and Sustainment. (2) There are large fluctuations in Support elements since several Type/Model/Series (T/M/S) of aircraft (SH-60B and HH-60H) are receiving new wiring and new harnessses sequentially. Costs increase as one T/M/S starts the process and increases again as the one T/M/S continues and the next aircraft begins the process.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (Modification Number - Modification Title): 10 - 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R				Type Modification: SUSTAINMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
018-12 H-60 OBSOLESCENCE AND SUSTAINMENT													
A Kits													
Recurring													
1.1.1) SH-60B Wiring - NonOrganic ⁽¹³⁾	- / -	12 / 2.321	9 / 1.710	3 / 0.570	- / -	3 / 0.570	- / -	- / -	- / -	- / -	10 / 2.300	34 / 6.901	
1.1.2) HH-60H Wiring - NonOrganic ⁽¹⁴⁾	- / -	- / -	10 / 1.900	30 / 3.244	- / -	30 / 3.244	26 / 2.810	- / -	- / -	- / -	- / -	66 / 7.954	
1.1.3) Obsolescence Components Kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 30.000	35 / 30.000	
1.1.4) ACRT - Organic	- / -	- / -	- / -	- / -	- / -	- / -	35 / 0.070	- / -	- / -	- / -	- / -	35 / 0.070	
1.1.5) CAP HH-60H - Organic	- / -	- / -	- / -	35 / 0.249	- / -	35 / 0.249	- / -	- / -	- / -	- / -	- / -	35 / 0.249	
1.1.6) CAP SH-60B - Organic	- / -	- / -	- / -	47 / 0.202	- / -	47 / 0.202	- / -	- / -	- / -	- / -	- / -	47 / 0.202	
Subtotal Recurring	- / -	12 / 2.321	19 / 3.610	115 / 4.265	- / -	115 / 4.265	61 / 2.880	- / -	- / -	- / -	45 / 32.300	252 / 45.376	
Non-Recurring													
1.2.2) Obsolescence Components Kits - Organic	- / -	- / -	- / -	- / 4.000	- / -	- / 4.000	- / 1.510	- / 1.000	- / -	- / -	- / 23.600	- / 30.110	
1.2.3) SH-60B Installation Kits N/R - Organic	- / -	- / 0.804	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.804	
1.2.4) HH-60H Installation Kits N/R - Organic	- / -	- / -	- / 1.039	- / 0.694	- / -	- / 0.694	- / -	- / 2.191	- / -	- / -	- / -	- / 3.924	
Subtotal Non-Recurring	- / -	- / 0.804	- / 1.039	- / 4.694	- / -	- / 4.694	- / 1.510	- / 3.191	- / -	- / -	- / 23.600	- / 34.838	
B Kits													
Non-Recurring													
2.2.1) Avionics Replacement B Kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	11 / 6.000	26 / 14.000	- / -	- / -	- / -	37 / 20.000	
2.2.3) Helo Trak Net NRE - Organic	- / -	- / -	- / -	- / 1.207	- / -	- / 1.207	- / 0.454	- / 0.463	- / -	- / -	- / -	- / 2.124	
2.2.4) ACRT NRE - Organic	- / -	- / -	- / -	- / 1.275	- / -	- / 1.275	- / -	- / -	- / -	- / -	- / -	- / 1.275	
2.2.5) CAP NRE - Organic	- / -	- / -	- / -	- / 0.774	- / -	- / 0.774	- / -	- / -	- / -	- / -	- / -	- / 0.774	
2.2.6) MH-60R/S Obsolescece NRE Phase 1 - Organic	- / -	- / -	- / -	- / 2.200	- / -	- / 2.200	- / 3.900	- / 5.700	- / 9.700	- / 8.500	- / -	- / 30.000	
2.2.7) MH-60R/S Obsolescence NRE Phase 2 - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / 0.500	
Subtotal Non-Recurring	- / -	- / -	- / -	- / 5.456	- / -	- / 5.456	11 / 10.854	26 / 20.163	- / 9.700	- / 8.500	- / -	37 / 54.673	
Total, 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT	- / -	12 / 3.125	19 / 4.649	115 / 14.415	- / -	115 / 14.415	72 / 15.244	26 / 23.354	- / 9.700	- / 8.500	45 / 55.900	289 / 134.887	
Total Procurement, All Modifications	- / -	12 / 3.125	19 / 4.649	115 / 14.415	- / -	115 / 14.415	72 / 15.244	26 / 23.354	- / 9.700	- / 8.500	45 / 55.900	289 / 134.887	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (Modification Number - Modification Title): 10 - 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R				Type Modification: SUSTAINMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / -	- / 1.502	- / 2.340	- / 1.194	- / -	- / 1.194	- / -	- / -	- / -	- / -	- / -	- / 5.036	
3.5) ILS ⁽¹⁵⁾	- / -	- / 0.231	- / 0.221	- / 1.103	- / -	- / 1.103	- / 0.250	- / 0.494	- / 0.100	- / 1.349	- / -	- / 3.748	
3.6) Other Support ⁽¹⁶⁾	- / -	- / 1.096	- / 0.471	- / 2.190	- / -	- / 2.190	- / 1.530	- / 1.254	- / 0.700	- / 1.063	- / -	- / 8.304	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	2.829	3.032	4.487	-	4.487	1.780	1.748	0.800	2.412	-	17.088	
Total Procurement and Support	0.000	5.954	7.681	18.902	-	18.902	17.024	25.102	10.500	10.912	55.900	151.975	
018-12 H-60 OBSOLESCENCE AND SUSTAINMENT Installation Cost	- / 0.000	- / -	- / 0.540	- / 0.855	- / -	- / 0.855	- / 1.379	- / 1.810	- / -	- / -	- / 0.230	- / 4.814	
Total Installation Cost	- / 0.000	- / -	- / 0.540	- / 0.855	- / -	- / 0.855	- / 1.379	- / 1.810	- / -	- / -	- / 0.230	- / 4.814	
Total Cost (Procurement + Support + Installation)	0.000	5.954	8.221	19.757	-	19.757	18.403	26.912	10.500	10.912	56.130	156.789	

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0530 - SH-60 Series		Modification Nomenclature (Modification Number - Modification Title): 10 - 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT	
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R		Type Modification: SUSTAINMENT			

Manufacturer Information: 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT							
Manufacturer Name: SH-60B Wiring -- Contractor Field Mod Team				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012	Mar 2013	Mar 2014				
Delivery Dates	Aug 2012	Aug 2013	Aug 2014				
Manufacturer Name: HH-60H Wiring -- Contractor Field Mod Team				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Mar 2013	Mar 2014	Mar 2015			
Delivery Dates		Aug 2013	Aug 2014	Aug 2015			

Installation: 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT				Method of Implementation: Contractor Field Mod Team				Installation Name: SH-60B Wiring				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	12 / 0.540	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.540
FY 2013	- / -	- / -	- / -	9 / 0.405	- / -	9 / 0.405	- / -	- / -	- / -	- / -	- / -	9 / 0.405
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.135	- / -	- / -	- / -	- / -	3 / 0.135
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.230	10 / 0.230
Total	- / -	- / -	12 / 0.540	9 / 0.405	- / -	9 / 0.405	3 / 0.135	- / -	- / -	- / -	10 / 0.230	34 / 1.310

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0530 - SH-60 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT									
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R											Type Modification: SUSTAINMENT											Related RDT&E PEs:									
Installation: 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT											Method of Implementation: Contractor Field Mod Team											Installation Name: SH-60B Wiring									
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	4	4	4	-	3	3	3	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	10	34
Out	-	-	-	-	-	4	4	4	-	3	3	3	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	10	34
Installation: 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT											Method of Implementation: Contractor Field Mod Team											Installation Name: HH-60H Wiring									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	10 / 0.450	- / -	10 / 0.450	- / -	- / -	- / -	- / -	- / -	10 / 0.450																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	30 / 1.244	- / -	- / -	- / -	- / -	30 / 1.244																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 1.810	- / -	- / -	- / -	26 / 1.810																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	10 / 0.450	- / -	10 / 0.450	30 / 1.244	26 / 1.810	- / -	- / -	- / -	66 / 3.504																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	3	3	4	-	10	10	10	-	8	9	9	-	-	-	-	-	-	-	-	-	-	66
Out	-	-	-	-	-	-	-	-	-	3	3	4	-	10	10	10	-	8	9	9	-	-	-	-	-	-	-	-	-	-	66
Installation: 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT											Method of Implementation: Not Installed - Obsolescence Components Kits											Installation Quantity: 35									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R	Type Modification: SUSTAINMENT	Related RDT&E PEs:
Installation: 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT	Method of Implementation: Organic - ACRT	Installation Quantity: 35
Installation: 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT	Method of Implementation: Organic - CAP HH-60H	Installation Quantity: 35
Installation: 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT	Method of Implementation: Organic - CAP SH-60B	Installation Quantity: 47
Installation: 018-12 H-60 OBSOLESCENCE AND SUSTAINMENT	Method of Implementation: Organic - Avionics Replacement B Kits	Installation Quantity: 37
Footnotes: ⁽¹³⁾ The first two FY2012 SH-60B Wiring kits will be installed as NRE val/ver kits, therefore reflect FY2013 start. ⁽¹⁴⁾ The first two FY2014 HH-60H Wiring kits will be installed as NRE val/ver kits, therefore reflect FY2015 start. ⁽¹⁵⁾ Increase in Integrated Logistics Support (ILS) from FY2013 to FY2014 is due to final preparations for Operational Capability (including preparations for site standups and ILS plans) which require intense support of field activities to bring efforts together. ⁽¹⁶⁾ Increase in Other Support from FY2013 to FY2014 is due to final preparations for Operational Capability (including preparations for site standups and ILS plans) which require intense support of field activities to bring efforts together.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	191.165	-	-	-	-	-	-	-	-	-	-	191.165
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	191.165	-	-	-	-	-	-	-	-	-	-	191.165
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	191.165	-	-	-	-	-	-	-	-	-	-	191.165
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - Inactive OSIPs				

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) Inactive OSIPs - Organic	- / 191.165	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 191.165
Subtotal Recurring	- / 191.165	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 191.165
Total, Inactive OSIPs	- / 191.165	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 191.165
Total Procurement, All Modifications	- / 191.165	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 191.165
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-
Total Procurement and Support	191.165	-	-	-	-	-	-	-	-	-	-	191.165
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	191.165	-	-	-	-	-	-	-	-	-	-	191.165

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0530 - SH-60 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:	
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s): 101

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	285.755	8.329	6.508	41.706	-	41.706	31.679	31.317	28.277	28.755	293.038	755.364
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	285.755	8.329	6.508	41.706	-	41.706	31.679	31.317	28.277	28.755	293.038	755.364
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	285.755	8.329	6.508	41.706	-	41.706	31.679	31.317	28.277	28.755	293.038	755.364
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to the UH-1Y and AH-1W/Z. The mission of the UH-1Y utility helicopter is to provide command and control and combat assault support under day/night and adverse weather conditions and special operations support: supporting arms coordination and aeromedical evacuation. The HH-configured aircraft provide local civilian and military search and rescue support, as well as augmenting Department of Homeland Security resources. The AH-1W/Z is a tandem-seat, two-place attack helicopter. The mission of the AH-1W/Z attack helicopter is to provide rotary wing close air support, anti-armor, armed escort, armed/visual reconnaissance, anti-helicopter and point air defense and fire support coordination during day/night conditions. The armament of the AH-1W/Z includes the Sidewinder and Hellfire missile systems, a chin-mounted 20mm turret gun, and a wide variety of forward-firing and gravity-released external stores. The overall goal of the modifications budgeted in FY 2014 is to eliminate safety hazards, improve survivability, fulfill operational requirements, remedy obsolescence, and maintain significant mission capability and joint interoperable data link circuit capable of transmitting, receiving, and display digital information and video which includes Full Motion Video (FMV). Additionally, the H-1 will continue to upgrade the applicable aircraft sensor and avionics systems and subsystems as well as weapons rocket delivery system which includes the Advance Precision Kill Weapon System. Air vehicle improvements needing critical reliability enhancements will be incorporated. These platforms will continue to fulfill the operational requirements to detect, identify, and destroy tactical-sized armored targets with precision guided munitions during the day, at night, and during adverse weather, as well as providing enhanced conventional weapons delivery by utilizing the system's laser ranging and designating system.

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	P3A				0.000			-			-			11.652			-			11.652

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0532 - H-1 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): 101																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	P3A				0.000			8.143			6.474			24.765			-			24.765
3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)	P3A				0.000			-			-			5.289			-			5.289
4 - H-1N SAFETY UPGRADES (OSIP 018-98)	P3A				31.555			0.186			0.034			-			-			-
5 - H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	P3A				16.922			-			-			-			-			-
6 - INACTIVE OSIPS	P3A				237.278			-			-			-			-			-
Total Gross/Weapon System Cost					285.755			8.329			6.508			41.706			-			41.706

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	P3A				13.479			10.223			9.857			11.987			138.982			196.180
2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	P3A				14.503			16.797			15.923			14.170			24.716			125.491
3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)	P3A				3.697			4.297			2.497			2.598			129.340			147.718
4 - H-1N SAFETY UPGRADES (OSIP 018-98)	P3A				-			-			-			-			-			31.775
5 - H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	P3A				-			-			-			-			-			16.922
6 - INACTIVE OSIPS	P3A				-			-			-			-			-			237.278
Total Gross/Weapon System Cost					31.679			31.317			28.277			28.755			293.038			755.364

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY 2014-FY 2017 efforts previously budgeted under BLI 0527 are now budgeted under BLI 0532.

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	11.652	-	11.652	13.479	10.223	9.857	11.987	138.982	196.180
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	11.652	-	11.652	13.479	10.223	9.857	11.987	138.982	196.180
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	11.652	-	11.652	13.479	10.223	9.857	11.987	138.982	196.180
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This Operational, Safety and Improvement Program (OSIP) incorporates cost effective changes to H-1 avionics systems, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process and on the Critical Logistics Review lists to reduce the total cost of ownership while improving ready based aircraft and ready for tasking rates. Improvements to safety of flight, maintenance, obsolescence (Diminishing Manufacturing Sources/Material Shortages), and readiness degrader items will yield a more capable and survivable H-1 force to sustain warfighter capability in support of worldwide operations. Improvements will support the tenets of Sea Power 21; specifically operational availability, enhanced capabilities, and interoperability. Systems improved on H-1 aircraft will leverage common architectures and utilize existing technology to the maximum extent practicable to minimize development and procurement costs and to reduce the time to field the improved systems. Systems and changes requiring improvements in the OSIP are the mission computer, Cockpit Control System, Ultra High Frequency/Very High Frequency communication systems, Satellite Communications, Wiring Integration Remote Terminals, Aircraft Wireless InterCommunications Systems (AWICS), Flight Control Computer, Identification Friend or Foe system, Inertial Navigation System, Global Positioning System, radar altimeter, mass data storage, air data systems, aircraft displays, data recorders and data loaders (data and video recorder and loader, flight data recorder, maintenance data recorder, video recorders) interoperable video and digital data links data interoperability components data link circuit capable of transmitting, receiving, and displaying information and video, helmet mounted display systems, Blue Force Tracker, joint battle command system, Digital Map, Variable Message Format, collision avoidance systems, Ground Proximity Warning System, Terrain Awareness Warning System, Military Flight Operations Quality Assurance, Aircraft Survivability Equipment, system configuration set updates for avionics components and interfaces for platform weapons and sensors. Other improvements will include Weapon Repairable Assembly modifications to improve avionics and weapons system reliability, maintainability, accuracy and interoperability. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FMV kit installation kits and equipment will be procured in 3QTR FY14. Installs to begin 2QTR FY15. Note: 1. FY 2014-FY 2017 efforts previously budgeted under Budget Line Item (BLI) 0527 (OSIP 012-12 Avionics Improvements) are being budgeted under BLI 0532. 2. System Configuration Set Update is an Organization-level installation.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (Modification Number - Modification Title): 1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (Modification Number - Modification Title): 1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)													
A Kits													
Recurring													
1.1.1) VMF Interoperability (UH-1Y/AH-1Z) - NonOrganic ⁽¹⁾	- / -	- / -	- / -	8 / 0.800	- / -	8 / 0.800	12 / 1.200	18 / 1.800	12 / 1.200	36 / 3.600	78 / 7.800	164 / 16.400	
1.1.2) Full Motion Video (FMV) (UH-1Y/AH-1Z) - NonOrganic	- / -	- / -	- / -	10 / 1.100	- / -	10 / 1.100	4 / 0.440	- / -	- / -	- / -	150 / 16.500	164 / 18.040	
1.1.3) System Configuration Set Updates (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	12 / 0.240	- / -	12 / 0.240	- / -	- / -	- / -	- / -	- / -	12 / 0.240	
1.1.4) Blue Force Tracker (UH-1Y/AH-1W/Z) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.864	337 / 24.264	349 / 25.128	
1.1.5) Aircraft Wireless Internal Communication System (AWICS) (UH-1Y) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.162	18 / 0.243	12 / 0.162	12 / 0.162	106 / 1.431	160 / 2.160	
Subtotal Recurring	- / -	- / -	- / -	30 / 2.140	- / -	30 / 2.140	28 / 1.802	36 / 2.043	24 / 1.362	60 / 4.626	671 / 49.995	849 / 61.968	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / -	- / -	- / -	- / 0.677	- / -	- / 0.677	- / 2.900	- / 0.200	- / 1.900	- / -	- / 0.650	- / 6.327	
Subtotal Non-Recurring	- / -	- / -	- / -	- / 0.677	- / -	- / 0.677	- / 2.900	- / 0.200	- / 1.900	- / -	- / 0.650	- / 6.327	
B Kits													
Recurring													
2.1.1) VMF Interoperability (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	8 / 0.800	- / -	8 / 0.800	12 / 1.200	18 / 1.800	12 / 1.200	36 / 3.600	78 / 7.800	164 / 16.400	
2.1.2) Full Motion Video (FMV) (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	10 / 1.150	- / -	10 / 1.150	4 / 0.460	- / -	- / -	- / -	150 / 16.770	164 / 18.380	
2.1.3) Blue Force Tracker (UH-1Y/AH-1W/Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.444	337 / 9.200	349 / 9.644	
2.1.4) System Configuration Set Updates (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	12 / 0.600	- / -	12 / 0.600	36 / 1.800	36 / 1.800	27 / 1.763	- / -	- / -	111 / 5.963	
2.1.5) Retrofit OTO Hardware (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 7.494	22 / 7.494	
2.1.6) Retrofit GEN II Mission Computers (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 5.410	7 / 5.410	
2.1.7) Aircraft Wireless Internal Communication System (AWICS) (UH-1Y) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.406	18 / 0.609	12 / 0.406	12 / 0.406	106 / 3.590	160 / 5.417	
Subtotal Recurring	- / -	- / -	- / -	30 / 2.550	- / -	30 / 2.550	64 / 3.866	72 / 4.209	51 / 3.369	60 / 4.450	700 / 50.264	977 / 68.708	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / -	- / -	- / -	- / 1.575	- / -	- / 1.575	- / 0.957	- / 0.289	- / 0.183	- / 0.112	- / 12.060	- / 15.176	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Subtotal Non-Recurring	- / -	- / -	- / -	- / 1.575	- / -	- / 1.575	- / 0.957	- / 0.289	- / 0.183	- / 0.112	- / 12.060	- / 15.176
Total, H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	- / -	- / -	- / -	60 / 6.942	- / -	60 / 6.942	92 / 9.525	108 / 6.741	75 / 6.814	120 / 9.188	1,371 / 112.969	1,826 / 152.179
Total Procurement, All Modifications	- / -	- / -	- / -	60 / 6.942	- / -	60 / 6.942	92 / 9.525	108 / 6.741	75 / 6.814	120 / 9.188	1,371 / 112.969	1,826 / 152.179
Support												
3.1) Engineering Change Orders	- / -	- / -	- / -	- / 0.556	- / -	- / 0.556	- / 0.565	- / 0.574	- / 0.583	- / -	- / 0.048	- / 2.326
3.2) Data	- / -	- / -	- / -	- / 0.204	- / -	- / 0.204	- / 0.208	- / 0.210	- / 0.212	- / 0.214	- / 0.100	- / 1.148
3.3) Training Equipment	- / -	- / -	- / -	- / 1.700	- / -	- / 1.700	- / 0.100	- / -	- / -	- / -	- / 2.000	- / 3.800
3.4) Support Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / 0.465	- / -	- / -	- / -	- / 0.965
3.5) ILS	- / -	- / -	- / -	- / 0.350	- / -	- / 0.350	- / 0.357	- / 0.364	- / 0.371	- / 0.378	- / 3.600	- / 5.420
3.6) Other Support	- / -	- / -	- / -	- / 1.478	- / -	- / 1.478	- / 1.518	- / 1.545	- / 1.571	- / 1.595	- / 6.795	- / 14.502
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	4.288	-	4.288	3.248	3.158	2.737	2.187	12.543	28.161
Total Procurement and Support	0.000	-	-	11.230	-	11.230	12.773	9.899	9.551	11.375	125.512	180.340
H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) Installation Cost	- / 0.000	- / -	- / -	- / 0.422	- / -	- / 0.422	- / 0.706	- / 0.324	- / 0.306	- / 0.612	- / 13.470	- / 15.840
Total Installation Cost	- / 0.000	- / -	- / -	- / 0.422	- / -	- / 0.422	- / 0.706	- / 0.324	- / 0.306	- / 0.612	- / 13.470	- / 15.840
Total Cost (Procurement + Support + Installation)	0.000	-	-	11.652	-	11.652	13.479	10.223	9.857	11.987	138.982	196.180

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0532 - H-1 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Manufacturer Information: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)							
Manufacturer Name: TBD -VMF Interoperability				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017
Delivery Dates			Apr 2014	Apr 2015	Apr 2016	Apr 2017	Apr 2018
Manufacturer Name: TBD - Full Motion Video				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Oct 2013	Oct 2014			
Delivery Dates			Jan 2014	Jan 2015			
Manufacturer Name: TBD - AWICS				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 3			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Oct 2014	Oct 2015	Oct 2016	Oct 2017
Delivery Dates				Dec 2014	Dec 2015	Dec 2016	Dec 2017
Manufacturer Name: TBD - Blue Force Tracker				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							Oct 2017
Delivery Dates							Jan 2018

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)				Method of Implementation: Contractor Field Mod Team				Installation Name: VMF Interoperability (UH-1Y/AH-1Z)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)				Method of Implementation: Contractor Field Mod Team				Installation Name: VMF Interoperability (UH-1Y/AH-1Z)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2014	- / -	- / -	- / -	4 / 0.072	- / -	4 / 0.072	4 / 0.072	- / -	- / -	- / -	- / -	8 / 0.144
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.108	6 / 0.108	- / -	- / -	- / -	12 / 0.216
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.162	9 / 0.162	- / -	- / -	18 / 0.324
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.108	6 / 0.108	- / -	12 / 0.216
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.252	22 / 0.396	36 / 0.648
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	78 / 1.404	78 / 1.404
Total	- / -	- / -	- / -	4 / 0.072	- / -	4 / 0.072	10 / 0.180	15 / 0.270	15 / 0.270	20 / 0.360	100 / 1.800	164 / 2.952

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	3	3	3	3	5	4	4	5	3	3	3	3	7	7	100	164
Out	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	3	3	3	3	5	4	4	5	3	3	3	3	7	7	100	164

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)				Method of Implementation: Contractor Field Mod Team				Installation Name: Full Motion Video (FMV) (UH-1Y/AH-1Z)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	10 / 0.350	- / -	10 / 0.350	- / -	- / -	- / -	- / -	- / -	10 / 0.350
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.490	- / -	- / -	- / -	- / -	4 / 0.490
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 5.250	150 / 5.250
Total	- / -	- / -	- / -	10 / 0.350	- / -	10 / 0.350	4 / 0.490	- / -	- / -	- / -	150 / 5.250	164 / 6.090

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013															
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0532 - H-1 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)																
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:																		
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)																							Method of Implementation: Contractor Field Mod Team								Installation Name: Full Motion Video (FMV) (UH-1Y/AH-1Z)							
Installation Schedule																																						
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018												
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot							
In	-	-	-	-	-	-	-	-	-	-	3	3	4	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	150	164							
Out	-	-	-	-	-	-	-	-	-	-	-	3	3	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	150	164							
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)										Method of Implementation: [none specified]										Installation Name: Blue Force Tracker (UH-1Y/AH-1W/Z)																		
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total														
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)														
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -														
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -														
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -														
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -														
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -														
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -														
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -														
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 0.216		- / -		12 / 0.216														
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		337 / 6.066		337 / 6.066														
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 0.216		337 / 6.066		349 / 6.282														
Installation Schedule																																						
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018												
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot							
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	337	349							
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	337	349							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)				Method of Implementation: Contractor Field Mod Team				Installation Name: Aircraft Wireless Internal Communication System (AWICS) (UH-1Y)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.036	- / -	- / -	- / -	- / -	12 / 0.036
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.054	- / -	- / -	- / -	18 / 0.054
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.036	- / -	- / -	12 / 0.036
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.036	- / -	12 / 0.036
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	106 / 0.354	106 / 0.354
Total	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.036	18 / 0.054	12 / 0.036	12 / 0.036	106 / 0.354	160 / 0.516

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	4	5	5	4	3	3	3	3	3	3	3	3	106	160
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	4	5	5	4	3	3	3	3	3	3	3	3	106	160

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - System Configuration Set Updates (UH-1Y/AH-1Z)	Installation Quantity: 12

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - VMF Interoperability (UH-1Y/AH-1Z)	Installation Quantity: 164

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Organic - Full Motion Video (FMV) (UH-1Y/AH-1Z)	Installation Quantity: 164

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Blue Force Tracker (UH-1Y/AH-1W/Z)	Installation Quantity: 349

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - System Configuration Set Updates (UH-1Y/AH-1Z)	Installation Quantity: 111
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Retrofit OTO Hardware (UH-1Y/AH-1Z)	Installation Quantity: 22
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Retrofit GEN II Mission Computers (UH-1Y/AH-1Z)	Installation Quantity: 7
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Aircraft Wireless Internal Communication System (AWICS) (UH-1Y)	Installation Quantity: 160
Footnotes: ⁽¹⁾ Previously referred to as "Digital Map/JVMF;" no longer a joint effort; adds digitally-aided close air support, moving map, and Variable Message Format capabilities to the UH-1Y and AH-1Z.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	8.143	6.474	24.765	-	24.765	14.503	16.797	15.923	14.170	24.716	125.49
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	8.143	6.474	24.765	-	24.765	14.503	16.797	15.923	14.170	24.716	125.49
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	8.143	6.474	24.765	-	24.765	14.503	16.797	15.923	14.170	24.716	125.49
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
This Operational, Safety and Improvement Program (OSIP) incorporates a number of cost effective changes to H-1 sensors and weapons requirements, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process and on the Critical Logistics Review lists in order to improve ready based aircraft and ready for tasking rates and reduce the total cost of ownership. These improvements are a vital element of the H-1 Upgrades program to significantly enhance the strategy of a more ready, more capable, and more survivable H-1 force to accomplish the successful fielding of this new capability to the warfighter in support of the Overseas Contingency Operations (OCO). The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Systems improved on the H-1 Warfighter aircraft will forward fit to the H-1 Upgrades aircraft and utilize existing technology to the maximum extent practicable to minimize development and procurement costs and to reduce the time to field the improved systems.												
This OSIP addresses the U.S. Marine Corps' operational requirement to detect, identify, and destroy tactical-sized armored targets with the precision guided munitions during day, night, and adverse weather conditions. The Target Sight System (TSS), Navigational Thermal Imaging System (NTIS), BRITE Star Block II, and Night Targeting System (and Night Targeting System Upgrade (NTSU) sensors provide a night/adverse weather Forward-Looking Infrared and laser designator for the H-1 series helicopters' weapons system engagement, including but not limited to Tube-launched Optically-tracked Wire-guided (TOW) missile, Hellfire, and air-to-ground missile capabilities. This OSIP also addresses improvements to H-1 series helicopters' weapons systems in support of mission success to include missile, rockets, and gun reliability and accuracy. These weapon systems include include Precision Guided Munitions, air-to-ground missiles, Advanced Precision Kill Weapon System (APKWS), Hellfire, M197 20MM Gun System, launchers, Turret Systems, 20MM Linkless Feed System, and crew served weapons. Other sensor improvements will include weapon repair assembly modifications to improve weapons reliability, maintainability, systems stabilization, as well as upgrades to Laser Spot Tracker (LST) and laser pointing devices. Safety programs that will be implemented by this OSIP include, but not limited to, spatial disorientation issues that will be addressed through aircraft upgrades such as integration of Heads-Up-Display improvements, Helmet Display and Tracker System (HDTTS), Digital System Upgrade/Situational Awareness Enhancement (SAE), Degraded Visual Environment initiatives, Moving Maps, Transponder upgrade, Tactical Video Data Link (TVDL) system integration/upgrade, electronic warfare initiatives (Intrepid Tiger), and Digital Interoperability initiatives that will meet the platform 'net ready' requirements. These enhancements will allow the H-1 to be interoperable with battle management systems, and provide aircrews with near real time friendly forces and threat locations. Additional NTS/NTSU improvements will include Weapons Repairable Assembly modifications to improve reliability, maintainability, integration of a Digital Video Recorder (DVR), and incorporation of the Mission Data Loader functionality within the DVR.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: One BRITE Star Block II system has been modified by the original equipment manufacturer to add a LST subassembly. The LST adds the capability to detect, acquire and track laser designator signatures. Notes: 1. FY 2014-FY 2017 efforts previously budgeted under Budget Line Item (BLI) 0527 (OSIP 013-12 Sensors & Weapons Improvements) are being budgeted under BLI 0532.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (Modification Number - Modification Title): 2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)												
A Kits												
Recurring												
1.1.1) AFC-396 (UH-1Y) - NonOrganic ⁽²⁾	- / -	21 / 0.470	16 / 0.370	18 / 0.427	- / -	18 / 0.427	15 / 0.367	16 / 0.403	15 / 0.389	14 / 0.363	- / -	115 / 2.789
1.1.2) Helmet Display and Tracker System (HDTS) (AH-1W) - NonOrganic	- / -	- / -	- / -	12 / 1.507	- / -	12 / 1.507	4 / 0.503	- / -	- / -	- / -	14 / 1.758	30 / 3.768
1.1.3) Digital System Upgrade (DSU) (AH-1W) - NonOrganic ⁽³⁾	- / -	- / -	- / -	30 / 0.450	- / -	30 / 0.450	35 / 0.525	40 / 0.600	- / -	- / -	- / -	105 / 1.575
Subtotal Recurring	- / -	21 / 0.470	16 / 0.370	60 / 2.384	- / -	60 / 2.384	54 / 1.395	56 / 1.003	15 / 0.389	14 / 0.363	14 / 1.758	250 / 8.132
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.400	- / 1.650	- / -	- / 4.050
Subtotal Non-Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.400	- / 1.650	- / -	- / 4.050
B Kits												
Recurring												
2.1.1) BRITE Star BLK II (UH-1Y) - Organic ⁽⁴⁾	- / -	10 / 6.750	6 / 5.280	11 / 9.680	- / -	11 / 9.680	2 / 1.760	2 / 1.760	2 / 1.760	- / -	- / -	33 / 26.990
2.1.2) BRITE Star BLK II Laser Spot Tracker (UH-1Y) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	27 / 2.517	58 / 2.704	37 / 1.725	- / -	24 / 2.238	146 / 9.184
2.1.3) Target Sight System (TSS) Laser Spot Tracker (AH-1Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.907	22 / 7.106	22 / 7.106	18 / 5.814	15 / 4.275	86 / 27.208
2.1.4) Helmet Display and Tracker System (HDTS) (AH-1W) - Organic	- / -	- / -	- / -	12 / 3.800	- / -	12 / 3.800	4 / 1.255	- / -	- / -	- / -	14 / 4.390	30 / 9.445
2.1.5) Helmet Display Tracker System (HDTS) Helmet Kit (AH-1W) - Organic ⁽⁵⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	120 / 2.318	120 / 2.318
2.1.6) Digital System Upgrade (DSU) (AH-1W) - Organic	- / -	- / -	- / -	30 / 0.750	- / -	30 / 0.750	35 / 0.875	40 / 1.000	- / -	- / -	- / -	105 / 2.625
2.1.7) Linkless Feed System (AH-1W/Z) - Organic	- / -	- / -	- / -	5 / 0.856	- / -	5 / 0.856	- / -	- / -	- / -	21 / 3.780	- / -	26 / 4.636
Subtotal Recurring	- / -	10 / 6.750	6 / 5.280	58 / 15.086	- / -	58 / 15.086	77 / 9.314	122 / 12.570	61 / 10.591	39 / 9.594	173 / 13.221	546 / 82.406
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.280	- / 4.280
Subtotal Non-Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.280	- / 4.280
Total, H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	- / -	31 / 7.220	22 / 5.650	118 / 17.470	- / -	118 / 17.470	131 / 10.709	178 / 13.573	76 / 13.380	53 / 11.607	187 / 19.259	796 / 98.868

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement, All Modifications	- / -	31 / 7.220	22 / 5.650	118 / 17.470	- / -	118 / 17.470	131 / 10.709	178 / 13.573	76 / 13.380	53 / 11.607	187 / 19.259	796 / 98.868
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / -	- / 0.122	- / -	- / 0.124	- / -	- / 0.124	- / 0.126	- / 0.128	- / 0.131	- / 0.133	- / 0.135	- / 0.899
3.3) Training Equipment	- / -	- / -	- / -	3 / 1.790	- / -	3 / 1.790	- / 0.861	- / -	- / -	- / -	- / -	3 / 2.651
3.4) Support Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.141	- / 1.153	- / 1.165	4 / 1.937	4 / 5.396
3.5) ILS	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	- / 0.408	- / 0.412	- / 0.416	- / 0.500	- / 2.136
3.6) Other Support ⁽⁶⁾	- / -	- / 0.361	- / 0.489	- / 0.507	- / -	- / 0.507	- / 0.570	- / 0.579	- / 0.589	- / 0.600	- / 0.935	- / 4.630
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	0.483	0.489	2.421	-	2.421	1.957	2.256	2.285	2.314	3.507	15.712
Total Procurement and Support	0.000	7.703	6.139	19.891	-	19.891	12.666	15.829	15.665	13.921	22.766	114.580
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) Installation Cost	- / 0.000	- / 0.440	- / 0.335	- / 4.874	- / -	- / 4.874	- / 1.837	- / 0.968	- / 0.258	- / 0.249	- / 1.950	- / 10.911
Total Installation Cost	- / 0.000	- / 0.440	- / 0.335	- / 4.874	- / -	- / 4.874	- / 1.837	- / 0.968	- / 0.258	- / 0.249	- / 1.950	- / 10.911
Total Cost (Procurement + Support + Installation)	0.000	8.143	6.474	24.765	-	24.765	14.503	16.797	15.923	14.170	24.716	125.491

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:						
Manufacturer Information: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)												
Manufacturer Name: Wyle Laboratories, Inc.- AFC-396						Manufacturer Location: Alabama						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 3						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017					
Delivery Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Manufacturer Name: Elbit Systems Limited - DSU						Manufacturer Location: Israel						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 1						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Oct 2013	Oct 2014	Oct 2015							
Delivery Dates			Nov 2013	Nov 2014	Nov 2015							
Manufacturer Name: Elbit Systems Limited - HDT5						Manufacturer Location: Israel						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 3						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Oct 2013	Oct 2014								
Delivery Dates			Dec 2013	Dec 2014								
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)			Method of Implementation: Contractor Field Mod Team					Installation Name: AFC-396 (UH-1Y)				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	21 / 0.440	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 0.440
FY 2013	- / -	- / -	16 / 0.335	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.335
FY 2014	- / -	- / -	- / -	18 / 0.284	- / -	18 / 0.284	- / -	- / -	- / -	- / -	- / -	18 / 0.284
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.244	- / -	- / -	- / -	- / -	15 / 0.244
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.268	- / -	- / -	- / -	16 / 0.268
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.258	- / -	- / -	15 / 0.258
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.249	- / -	14 / 0.249

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)							

Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:							

Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)			Method of Implementation: Contractor Field Mod Team					Installation Name: AFC-396 (UH-1Y)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	21 / 0.440	16 / 0.335	18 / 0.284	- / -	18 / 0.284	15 / 0.244	16 / 0.268	15 / 0.258	14 / 0.249	- / -	115 / 2.078

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	5	5	6	5	4	4	4	4	4	4	5	5	3	4	4	4	4	4	4	4	4	4	3	3	4	4	3	-	115	
Out	-	5	5	6	5	4	4	4	4	4	4	5	5	3	4	4	4	4	4	4	4	4	4	3	3	4	4	3	-	115	

Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)			Method of Implementation: Contractor Field Mod Team					Installation Name: Helmet Display and Tracker System (HDTs) (AH-1W)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	12 / 3.900	- / -	12 / 3.900	- / -	- / -	- / -	- / -	- / -	12 / 3.900
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.893	- / -	- / -	- / -	- / -	4 / 0.893
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 1.950	14 / 1.950
Total	- / -	- / -	- / -	12 / 3.900	- / -	12 / 3.900	4 / 0.893	- / -	- / -	- / -	14 / 1.950	30 / 6.743

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0532 - H-1 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)										Method of Implementation: Contractor Field Mod Team										Installation Name: Helmet Display and Tracker System (HDTS) (AH-1W)											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	3	3	3	3	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	14	30
Out	-	-	-	-	-	-	-	-	-	3	3	3	3	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	14	30
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)																															
										Method of Implementation: Contractor Field Mod Team										Installation Name: Digital System Upgrade (DSU) (AH-1W)											
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		30 / 0.690		- / -		30 / 0.690		- / -		- / -		- / -		- / -		- / -		30 / 0.690							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		35 / 0.700		- / -		- / -		- / -		- / -		35 / 0.700							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		40 / 0.700		- / -		- / -		- / -		40 / 0.700							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		- / -		- / -		- / -		30 / 0.690		- / -		30 / 0.690		35 / 0.700		40 / 0.700		- / -		- / -		- / -		105 / 2.090							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	7	8	8	7	8	9	9	9	10	10	10	10	-	-	-	-	-	-	-	-	-	105
Out	-	-	-	-	-	-	-	-	-	7	8	8	7	8	9	9	9	10	10	10	10	-	-	-	-	-	-	-	-	-	105
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)										Method of Implementation: Not Installed - BRITE Star BLK II (UH-1Y)										Installation Quantity: 33											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - BRITE Star BLK II Laser Spot Tracker (UH-1Y)	Installation Quantity: 146
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - Target Sight System (TSS) Laser Spot Tracker (AH-1Z)	Installation Quantity: 86
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - Helmet Display and Tracker System (HDTS) (AH-1W)	Installation Quantity: 30
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - Helmet Display Tracker System (HDTS) Helmet Kit (AH-1W)	Installation Quantity: 120
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - Digital System Upgrade (DSU) (AH-1W)	Installation Quantity: 105
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - Linkless Feed System (AH-1W/Z)	Installation Quantity: 26
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 3
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 4
Footnotes: (2) AFC-396 will configure the UH-1Y to fly with any of the three existing sensors: STAR Safire, BRITE Star Block I or BRITE Star Block II. (3) FY2014 Digital System Upgrade (DSU) Installation include 6 FY 2013 A kits from BLI 0527 OSIP 006-13. Previously referred to as "Digital Map" under BLI 0527 OSIP 006-13 and BLI 0532 OSIP 015-12, this modification adds digitally-aided close air support, moving map, and Variable Message Format capabilities to the AH-1W. (4) BRITE Star BLK II FY2013-2014 quantity procurement increased based on approved AN-AAQ-22C/D/E Navigation Thermal Imaging System (NTIS) Procurement Acquisition Plan (276-2012-02-21-R0). (5) FY2014-2018 procurement quantities of Helmet Display Tracker System (HDTS) Helmet Kit based on the estimated number of AH-1W operators flying HDTS-equipped aircraft. (6) Other Support FY2013-2014 cost increased due to efforts previously budgeted under BLI 0527 (OSIP 013-12 Sensors & Weapons Improvements) are now budgeted under BLI 0532.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	5.289	-	5.289	3.697	4.297	2.497	2.598	129.340	147.718
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	5.289	-	5.289	3.697	4.297	2.497	2.598	129.340	147.718
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	5.289	-	5.289	3.697	4.297	2.497	2.598	129.340	147.718
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
This Operational, Safety and Improvement Program (OSIP) incorporates a number of cost effective changes to H-1 air vehicle requirements, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process and on the Critical Logistics Review lists in order to improve ready based aircraft and ready for tasking rates and reduce the total cost ownership. These improvements are a vital element of the H-1 program to significantly enhance the strategy of a more ready, more capable and more survivable H-1 force to accomplish the successful fielding of this new capability to the warfighter in support of the Overseas Contingency Operations. The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability.												
Planned improvements under this OSIP cover airframes (structural and air vehicle systems), propulsion, survivability, reliability and maintainability, fuel systems, electrical power, drives, engines, rotors, flying qualities, flight controls, human factors, and weight and balance. This OSIP intends to utilize upgrades to existing technology to the maximum extent practicable to minimize development and procurement costs, and to reduce the time to field the improved systems. During Full Scale Development testing of the H-1 aircraft, it was determined that incorporation of redesigned components applicable to the critical load paths will significantly increase the service life of the aircraft and components to meet the life limit of 10,000 flight hours. Safety programs that will be implemented by this OSIP include, but are not limited to, safety related items, door and hatch latches/hardware, external lights, and mission grip mounts. Reliability and maintainability programs that will be implemented by this OSIP include, but are not limited to, engineering, reliability improvements covering non-recurring engineering and eventual modification of the Alternating Current/Direct Current generator, canopy door frame, gearboxes, fuselage/cabin/seats, external lights, engine mount bearings, main drive shaft, aircraft Nickel Cadmium battery, weight reduction/gross weight increase initiatives, integrated mechanical diagnostic system improvements, clearances issues, main/tail rotor improvements, materials improvements, drive system improvements, thermal improvements, corrosion/water intrusion control improvements, cold spray improvements, armor flooring survivability enhancements, rotor blade and gun turret covers, cargo hooks, and engine cowlings, airframe improvements including the improved defensive armament system (IDAS), and survivability enhancements.												
Specifically, the following are anticipated in addition to those mentioned elsewhere, Health Usage Monitoring System common tail boom wiring, swash plate improvement, UH-1Y floor panel/belly access and water intrusion modification, composite elevator, Environmental Control System, and Upgrades main rotor blade improvement.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Tail boom clamp & retainer contract award 1Q FY 2014. UH-1Y Main Rotor Gear Box (MRGB) pylon strap rivet kits contract award 1Q FY 2014. Tail Rotor Drive Shaft clearance mod kit contract award 1Q FY 2015. NOTE: 1. FY 2014-FY 2017 efforts previously budgeted under Budget Line Item (BLI) 0527 are now budgeted under BLI 0532. 2. The following items are Organization-level installs: canopy door frames, anti-collision lights, heat exchange airframe mounting mod, rotor brake improvement, slip ring, and tail rotor blades. 3. External Lights (Upgrades) A Kits procured in FY 2011 in OSIP 021-07 are being installed in FY 2014. 4. Tail Boom Clamp and Retainer Mod (UH-1Y/AH-1Z) A Kits procured in FY 2012 in OSIP 018-98 are being installed in FY 2014.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)													
A Kits													
Recurring													
1.1.1) Tail Boom Clamp and Retainer Mod (UH-1Y/AH-1Z) - NonOrganic ⁽⁷⁾	- / -	- / -	- / -	15 / 0.200	- / -	15 / 0.200	15 / 0.200	15 / 0.200	15 / 0.200	15 / 0.200	2 / 0.027	77 / 1.027	
1.1.2) External Lights (UH-1Y/AH-1Z) - NonOrganic	- / -	- / -	- / -	76 / 0.380	- / -	76 / 0.380	9 / 0.045	13 / 0.065	- / -	- / -	220 / 1.200	318 / 1.690	
1.1.3) Slip Ring (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.100	20 / 0.100	20 / 0.100	20 / 0.100	31 / 0.155	111 / 0.555	
1.1.4) T700-401C (AH-1Z Reman) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 58.500	36 / 58.500	
1.1.5) Canopy Door Frames (AH-1W/Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.200	37 / 0.185	- / -	- / -	- / -	77 / 0.385	
1.1.6) MRGB Pylon Strap Rivets (UH-1Y) - NonOrganic	- / -	- / -	- / -	20 / 0.002	- / -	20 / 0.002	20 / 0.002	14 / 0.002	- / -	- / -	- / -	54 / 0.006	
1.1.7) Gearbox Reliability Improvements (UH-1Y/AH-1W/Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 1.500	- / -	- / -	100 / 2.600	160 / 4.100	
1.1.8) Heat Exchange Airframe Mounting Mod (AH-1Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 0.100	19 / 0.100	
1.1.9) Heat Exchange Airframe Mounting Mod (UH-1Y) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.200	11 / 0.100	- / -	- / -	- / -	41 / 0.300	
1.1.10) Tail Rotor Drive Shaft (TRDS) Clearance Improvements (UH-1Y/AH-1Z) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.200	7 / 0.050	23 / 0.150	15 / 0.100	56 / 0.200	131 / 0.700	
1.1.11) Control Motion Transducer (CMT) Bearing (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	82 / 0.200	46 / 0.110	- / -	- / -	- / -	128 / 0.310	
1.1.12) Tailboom Stinger (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.100	15 / 0.100	15 / 0.100	15 / 0.100	56 / 0.200	116 / 0.600	
1.1.13) AC/DC Generator Improvement (UH-1Y/AH-1Z) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	350 / 17.500	350 / 17.500	
1.1.14) Rotor Brake Improvement (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.600	40 / 0.600	269 / 4.035	349 / 5.235	
1.1.15) Combining Gear Box (CBox) (UH-1Y) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.100	20 / 0.100	20 / 0.100	20 / 0.100	131 / 0.655	211 / 1.055	
1.1.16) Tail Rotor Blades (UH-1Y/AH-1Z) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.560	13 / 1.040	329 / 26.320	349 / 27.920	
Subtotal Recurring	- / -	- / -	- / -	111 / 0.582	- / -	111 / 0.582	281 / 1.347	258 / 2.512	140 / 1.810	138 / 2.240	1,599 / 111.492	2,527 / 119.983	
B Kits													
Recurring													
2.1.1) External Lights (Upgrades) - Organic	- / -	- / -	- / -	76 / 3.019	- / -	76 / 3.019	9 / 0.370	13 / 0.557	- / -	- / -	220 / 9.974	318 / 13.920	
Subtotal Recurring	- / -	- / -	- / -	76 / 3.019	- / -	76 / 3.019	9 / 0.370	13 / 0.557	- / -	- / -	220 / 9.974	318 / 13.920	
Total, H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)	- / -	- / -	- / -	187 / 3.601	- / -	187 / 3.601	290 / 1.717	271 / 3.069	140 / 1.810	138 / 2.240	1,819 / 121.466	2,845 / 133.903	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement, All Modifications	- / -	- / -	- / -	187 / 3.601	- / -	187 / 3.601	290 / 1.717	271 / 3.069	140 / 1.810	138 / 2.240	1,819 / 121.466	2,845 / 133.903
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / -	- / -	- / -	- / 0.080	- / -	- / 0.080	- / -	- / -	- / -	- / -	- / -	- / 0.080
3.4) Support Equipment	- / -	- / -	- / -	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 0.100
3.5) ILS	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.158	- / 0.140	- / -	- / -	- / 0.298
3.6) Other Support	- / -	- / -	- / -	- / 0.188	- / -	- / 0.188	- / 0.700	- / 0.392	- / 0.147	- / 0.058	- / 0.174	- / 1.659
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	0.368	-	0.368	0.700	0.550	0.287	0.058	0.174	2.137
Total Procurement and Support	0.000	-	-	3.969	-	3.969	2.417	3.619	2.097	2.298	121.640	136.040
H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14) Installation Cost	- / 0.000	- / -	- / -	- / 1.320	- / -	- / 1.320	- / 1.280	- / 0.678	- / 0.400	- / 0.300	- / 7.700	- / 11.678
Total Installation Cost	- / 0.000	- / -	- / -	- / 1.320	- / -	- / 1.320	- / 1.280	- / 0.678	- / 0.400	- / 0.300	- / 7.700	- / 11.678
Total Cost (Procurement + Support + Installation)	0.000	-	-	5.289	-	5.289	3.697	4.297	2.497	2.598	129.340	147.718

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Manufacturer Information: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)												
Manufacturer Name: Depot - Tail Boom Clamp & Retainer							Manufacturer Location: North Carolina					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 2					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017					
Delivery Dates			Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Manufacturer Name: Depot - Tail Rotor Drive Shaft Clearance Improvements							Manufacturer Location: North Carolina					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 2					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates				Oct 2014	Oct 2015	Oct 2016	Oct 2017					
Delivery Dates				Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Manufacturer Name: Depot - MRGB Plyon Strap Rivets							Manufacturer Location: North Carolina					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 1					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Oct 2013	Oct 2014	Oct 2015							
Delivery Dates			Nov 2013	Nov 2014	Nov 2015							
Manufacturer Name: TBD - External Lights							Manufacturer Location: Huntsville, AL					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 6					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		May 2013										
Delivery Dates		Nov 2013										
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)			Method of Implementation: Depot Modification Team					Installation Name: Tail Boom Clamp and Retainer Mod (UH-1Y/AH-1Z)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				Method of Implementation: Depot Modification Team				Installation Name: Tail Boom Clamp and Retainer Mod (UH-1Y/AH-1Z)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	15 / 0.200	- / -	15 / 0.200	- / -	- / -	- / -	- / -	- / -	15 / 0.200
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.200	- / -	- / -	- / -	- / -	15 / 0.200
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.200	- / -	- / -	- / -	15 / 0.200
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.200	- / -	- / -	15 / 0.200
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.200	- / -	15 / 0.200
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.200	15 / 0.200
Total	- / -	- / -	- / -	15 / 0.200	- / -	15 / 0.200	15 / 0.200	15 / 0.200	15 / 0.200	15 / 0.200	15 / 0.200	90 / 1.200

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	2	3	5	5	3	4	4	4	3	4	4	4	3	4	4	4	3	4	4	4	15	90
Out	-	-	-	-	-	-	-	-	-	2	3	5	5	3	4	4	4	3	4	4	4	3	4	4	4	3	4	4	4	15	90

Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				Method of Implementation: Contractor Field Mod Team				Installation Name: External Lights (UH-1Y/AH-1Z)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	70 / 0.700	- / -	70 / 0.700	- / -	- / -	- / -	- / -	- / -	70 / 0.700
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.460	- / -	- / -	- / -	- / -	46 / 0.460
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.134	- / -	- / -	- / -	13 / 0.134
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	220 / 2.200	220 / 2.200

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Exhibit P-3A, Individual Modification: PB 2014 Navy																								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0532 - H-1 Series												Modification Nomenclature (Modification Number - Modification Title): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)							
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Contractor Field Mod Team										Installation Name: External Lights (UH-1Y/AH-1Z)											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
Total		- / -		- / -		- / -		70 / 0.700		- / -		70 / 0.700		46 / 0.460		13 / 0.134		- / -		- / -		220 / 2.200		349 / 3.494							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	18	26	26	12	12	11	11	-	13	-	-	-	-	-	-	-	-	-	-	220	349
Out	-	-	-	-	-	-	-	-	-	-	18	26	26	12	12	11	11	-	13	-	-	-	-	-	-	-	-	-	-	220	349
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)																															
Method of Implementation: Contractor Field Mod Team										Installation Name: T700-401C (AH-1Z Reman)																					
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		0 / 0.000							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		36 / 1.600		36 / 1.600							
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		36 / 1.600		36 / 1.600							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	36
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	36

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					

Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				Method of Implementation: Depot Modification Team				Installation Name: MRGB Pylon Strap Rivets (UH-1Y)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	20 / 0.420	- / -	20 / 0.420	- / -	- / -	- / -	- / -	- / -	20 / 0.420
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.420	- / -	- / -	- / -	- / -	20 / 0.420
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.294	- / -	- / -	- / -	14 / 0.294
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	20 / 0.420	- / -	20 / 0.420	20 / 0.420	14 / 0.294	- / -	- / -	- / -	54 / 1.134

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	5	5	5	5	5	5	5	5	5	5	4	-	-	-	-	-	-	-	-	-	-	54
Out	-	-	-	-	-	-	-	-	-	5	5	5	5	5	5	5	5	5	5	4	-	-	-	-	-	-	-	-	-	-	54

Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				Method of Implementation: Depot Modification Team				Installation Name: Tail Rotor Drive Shaft (TRDS) Clearance Improvements (UH-1Y/AH-1Z)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.200	- / -	- / -	- / -	- / -	30 / 0.200
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.050	- / -	- / -	- / -	7 / 0.050
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	23 / 0.200	- / -	- / -	23 / 0.200

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)							

Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:							

Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				Method of Implementation: Depot Modification Team				Installation Name: Tail Rotor Drive Shaft (TRDS) Clearance Improvements (UH-1Y/AH-1Z)							

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.100	- / -	15 / 0.100
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 0.200	56 / 0.200
Total	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.200	7 / 0.050	23 / 0.200	15 / 0.100	56 / 0.200	131 / 0.750

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	7	8	7	8	1	2	2	2	5	6	6	6	3	4	4	4	56	131
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	7	8	7	8	1	2	2	2	5	6	6	6	3	4	4	4	56	131

Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)				Method of Implementation: Contractor Field Mod Team				Installation Name: AC/DC Generator Improvement (UH-1Y/AH-1Z)							

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
All Prior Years	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	350 / 3.500	350 / 3.500
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	350 / 3.500	350 / 3.500

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0532 - H-1 Series											Modification Nomenclature (Modification Number - Modification Title): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)									
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Contractor Field Mod Team										Installation Name: AC/DC Generator Improvement (UH-1Y/AH-1Z)											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350	350
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350	350
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Not Installed - Slip Ring (UH-1Y/AH-1Z)										Installation Quantity: 111											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Not Installed - Canopy Door Frames (AH-1W/Z)										Installation Quantity: 77											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Not Installed - Gearbox Reliability Improvements (UH-1Y/AH-1W/Z)										Installation Quantity: 160											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Not Installed - Heat Exchange Airframe Mounting Mod (AH-1Z)										Installation Quantity: 19											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Not Installed - Heat Exchange Airframe Mounting Mod (UH-1Y)										Installation Quantity: 41											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Not Installed - Control Motion Transducer (CMT) Bearing (UH-1Y/AH-1Z)										Installation Quantity: 128											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Not Installed - Tailboom Stinger (UH-1Y/AH-1Z)										Installation Quantity: 116											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Not Installed - Rotor Brake Improvement (UH-1Y/AH-1Z)										Installation Quantity: 349											
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)										Method of Implementation: Not Installed - Combining Gear Box (CBox) (UH-1Y)										Installation Quantity: 211											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)	Method of Implementation: Not Installed - Tail Rotor Blades (UH-1Y/AH-1Z)	Installation Quantity: 349
Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 013-14)	Method of Implementation: Not Installed - External Lights (Upgrades)	Installation Quantity: 318
Footnotes: ⁽⁷⁾ Qty (13) FY2012 Tail Boom Clamp and Retainer Mod kits procured under OSIP 018-98 are being installed under this OSIP.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (Modification Number - Modification Title): 4 - H-1N SAFETY UPGRADES (OSIP 018-98)				
Models of Systems Affected: HH-1N/UH-1N			Type Modification: SAFETY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	31.555	0.186	0.034	-	-	-	-	-	-	-	-	31.775
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	31.555	0.186	0.034	-	-	-	-	-	-	-	-	31.775
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	31.555	0.186	0.034	-	-	-	-	-	-	-	-	31.775
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
Solution Planning Directive (serial number C14, dated 26 June 2007) and Capabilities Production Document (CPD) (approved 11 June 2007. JROCM 138-07) requires that the following safety shortfalls be corrected. The HH/UH-1N helicopter fleet was designed in the 1960s, introduced in the 1970s, and is projected to remain in the Department of the Navy inventory until FY2014. This program is designed to address safety issues such as mishap casual factors associated with maintaining an older type model series aircraft. This safety upgrade program replaced the Tail Drive System (TDS), A COTS/NDI Improved Torque Indicator System was added to provide a digital torque display to the aircrew to improve low power margin situational awareness. Additionally, the overspeed Aural Alert Unit (AAU) will be modified. A modification to the CH-8500 Vibration Analysis Support Equipment (VASE) will also be needed. A COTS replacement Rotor Brake Quill (RBQ) assembly and Low Maintenance Battery (LMB) have been incorporated into all HH/UH-1N aircraft. Included in this OSIP are the requirements to correct the safety deficiencies of the Defensive Armament System (DAS), machine guns, carriages, mounts, Improved Ammunition Storage System (IASS), ammunition cans, and associated equipment. Improvements and enhancements to airframe including tailboom clamps and retainers, as well as Night Vision Goggle (NVG) compatibility and communications equipment for external agency interaction during the Overseas Contingency Operations (OCO) will be made. Aircraft (A/C) fatigue life issues include movement of critical controls, Heads Up Display (HUDs), CDNU, and GPS Upgrades (CCU) (radio select, etc.). Mid-air collision avoidance systems and crew weapons mounts will also be accomplished. Tactical Video Data Link (TVDL) mission kits will also be explored in the UH-1N and the UH-1Y.												
DEVELOPMENT STAUTS/MAJOR DEVELOPMENT MILESTONES: The upgrades are proprietary, non-developmental items used in other Bell Helicopter Textron Incorporated (BHTI) produced military and FAA certified commercial helicopters.												
Note:												
1. Tail Boom Clamp and Retainer Mod (UH-1Y/AH-1Z) A Kits procured in FY 2012 are being installed in FY1 2014 OSIP 013-14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy			Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - H-1N SAFETY UPGRADES (OSIP 018-98)	
Models of Systems Affected: HH-1N/UH-1N	Type Modification: SAFETY	Related RDT&E PEs:	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - H-1N SAFETY UPGRADES (OSIP 018-98)				
Models of Systems Affected: HH-1N/UH-1N				Type Modification: SAFETY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
H-1N SAFETY UPGRADES (OSIP 018-98)												
A Kits												
Recurring												
1.1.1) A-1 Kits (TDS) - Organic	131 / 6.286	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	131 / 6.286
1.1.2) Aural Alert Units (AAU) - Organic	103 / 0.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	103 / 0.001
1.1.3) GAU-17 Gun Control Unit - Organic	227 / 1.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	227 / 1.509
1.1.4) IDAS Mounts - Organic	110 / 0.743	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 0.743
1.1.5) M-16 Rifle Mounting Provisions - Organic	2 / 0.158	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.158
1.1.6) M2400 Refueling (mount & ejection tube) - Organic	210 / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	210 / 0.100
1.1.7) Rotor Brake Quill - Organic	136 / 1.581	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 1.581
1.1.8) Smart Torque Indicator - Organic	268 / 3.315	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	268 / 3.315
1.1.9) Tailboom Strakes (clamps and retainers) - Organic	119 / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	119 / 4.000
1.1.10) Tail Boom Clamp and Retainer Mod (UH-1Y/ AH-1Z) - NonOrganic ⁽⁸⁾	3 / 0.001	13 / 0.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.187
1.1.11) Prior Year Inactive Installations - Organic	230 / 0.813	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	230 / 0.813
Subtotal Recurring	1,539 / 18.507	13 / 0.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,552 / 18.693
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 1.052	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.052
Subtotal Non-Recurring	- / 1.052	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.052
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	103 / 0.559	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	103 / 0.559
Subtotal Recurring	103 / 0.559	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	103 / 0.559
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 0.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.220
Subtotal Non-Recurring	- / 0.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.220
Total, H-1N SAFETY UPGRADES (OSIP 018-98)	1,642 / 20.338	13 / 0.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,655 / 20.524
Total Procurement, All Modifications	1,642 / 20.338	13 / 0.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,655 / 20.524

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - H-1N SAFETY UPGRADES (OSIP 018-98)				
Models of Systems Affected: HH-1N/UH-1N			Type Modification: SAFETY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Support												
3.1) Engineering Change Orders	- / 0.030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.030
3.2) Data	- / 0.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.742
3.3) Training Equipment	4 / 1.253	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.253
3.4) Support Equipment	101 / 0.975	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	101 / 0.975
3.5) ILS	- / 0.955	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.955
3.6) Other Support	- / 7.262	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.262
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	11.217	-	-	-	-	-	-	-	-	-	-	11.217
Total Procurement and Support	31.555	0.186	-	-	-	-	-	-	-	-	-	31.741
H-1N SAFETY UPGRADES (OSIP 018-98) Installation Cost	- / 0.000	- / -	- / 0.034	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.034
Total Installation Cost	- / 0.000	- / -	- / 0.034	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.034
Total Cost (Procurement + Support + Installation)	31.555	0.186	0.034	-	-	-	-	-	-	-	-	31.775

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0532 - H-1 Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - H-1N SAFETY UPGRADES (OSIP 018-98)															
Models of Systems Affected: HH-1N/UH-1N				Type Modification: SAFETY								Related RDT&E PEs:																			
Manufacturer Information: H-1N SAFETY UPGRADES (OSIP 018-98)																															
Manufacturer Name: Depot - Tail Boom Clamp & Retainer														Manufacturer Location: North Carolina																	
Administrative Leadtime (<i>in Months</i>): 1														Production Leadtime (<i>in Months</i>): 3																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates						Mar 2013																									
Delivery Dates						Jun 2013																									
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)														Method of Implementation: Depot Field Mod Team										Installation Name: Tail Boom Clamp and Retainer Mod (UH-1Y/AH-1Z)							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		3 / 0.034		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.034								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		- / -	- / -		3 / 0.034		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.034								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3			
Out	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3			
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)														Method of Implementation: Not Installed - A-1 Kits (TDS)										Installation Quantity: 131							
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)														Method of Implementation: Not Installed - Aural Alert Units (AAU)										Installation Quantity: 103							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - H-1N SAFETY UPGRADES (OSIP 018-98)
Models of Systems Affected: HH-1N/UH-1N	Type Modification: SAFETY	Related RDT&E PEs:
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - GAU-17 Gun Control Unit	Installation Quantity: 227
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - IDAS Mounts	Installation Quantity: 110
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - M-16 Rifle Mounting Provisions	Installation Quantity: 2
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - M2400 Refueling (mount & ejection tube)	Installation Quantity: 210
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - Rotor Brake Quill	Installation Quantity: 136
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - Smart Torque Indicator	Installation Quantity: 268
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - Tailboom Strakes (clamps and retainers)	Installation Quantity: 119
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 230
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Organic - Installation Equipment	Installation Quantity: 103
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 4
Installation: H-1N SAFETY UPGRADES (OSIP 018-98)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 101
Footnotes: ⁽⁸⁾ QTY (13) FY2012 Tail Boom Clamp and Retainer Mod kits procured under OSIP 018-98 will install under OSIP 013-14		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)				
Models of Systems Affected: UH-1Y/AH-1Z			Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	16.922	-	-	-	-	-	-	-	-	-	-	16.922
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	16.922	-	-	-	-	-	-	-	-	-	-	16.922
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	16.922	-	-	-	-	-	-	-	-	-	-	16.922
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The purpose of this program is to incorporate a number of cost effective changes to the UH-1Y and AH-1Z helicopters, specifically targeting improvements to safety of flight, maintenance, obsolescence (Diminishing Manufacturing Sources/Material Shortages), and readiness degrader items. These improvements are a vital element of the H-1 Upgrades program, significantly enhancing the strategy of a more ready, more capable H-1 force to accomplish the successful fielding and maintaining of this new capability to the Warfighter in support of Overseas Contingency Operations (OCO). The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Planned improvements under this OSIP cover airframe, propulsion, including gearbox components and transmission, helmet, external lighting, weapons systems, survivability, reliability & maintainability, weight & balance, and avionics related subsystems. The OSIP intends to utilize upgrades to existing technology to the maximum extent practicable to minimize development and procurement costs, and to reduce the time to field the improved systems. The systems identified for improvement in the OSIP are the digital map, Crash Survivable Flight Incident Recorder, ARC-210 radio, Blue Force Tracker (BFT), Software System Configuration Set (SCS) 07, command and control consoles, correction of deficiencies, SATCOM antenna placement, rocket envelope expansion, swashplate environmental covers, cargo hooks, external lighting, and Aircraft Wireless Internal Communication System (AWICS). Additionally, systems being evaluated for replacement include support equipment (blade fold rack), avionics subsystems, sensors, data link, armor, communication systems, missile warning and radar detection systems, digital video recorder, mission computer upgrades, and increased aircraft electrical power availability system. Other survivability efforts covered by this OSIP include IR signature reduction (IR suppressors, Turned Exhaust), upgrades to existing EW suites equipment which includes AN/AAR-47, ALE-47, ALQ-144 and implementation of improved armor technologies including, but not limited to, transparent armor, armored panels, and crew weapons mounts which enhances aircraft/aircrew survivability. Additional improvements planned under this OSIP includes future improvements in turned exhaust system, Directed Infrared Counter Measures (DIRCM), and Joint and Allied Threat Awareness System (JATAS). The addition of these systems requires a more robust electrical distribution system and upgrades to platform software.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: This modification makes maximum use of existing technologies that have been installed on the AH-1W and HH/UH-1N platforms, and other fielded USN or USMC platforms.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)
Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
Note: 1. External Lights (Upgrades) A Kits procured in FY 2011 are being installed in FY 2014 OSIP 013-14.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)					
Models of Systems Affected: UH-1Y/AH-1Z				Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)													
A Kits													
Recurring													
1.1.1) Antenna Relocation Wiring/Hardware - NonOrganic	12 / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.050	
1.1.2) Antenna Relocation Wiring/Hardware OCO - NonOrganic	30 / 2.278	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 2.278	
1.1.3) Exteranl Lights (Upgrades) (A Kit FY14 Installs) - Organic	31 / 0.155	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.155	
Subtotal Recurring	73 / 2.483	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	73 / 2.483	
Non-Recurring													
1.2.1) Installation Kits NonRecurring - Organic	- / 0.466	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.466	
Subtotal Non-Recurring	- / 0.466	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.466	
B Kits													
Recurring													
2.1.1) SATCOM Antenna AV2091 - Organic	12 / 0.084	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.084	
2.1.2) SATCOM Antenna AV2091 OCO - Organic	30 / 5.316	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 5.316	
2.1.3) Redesign Slipping and Standpipe - Organic	12 / 0.406	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.406	
2.1.4) Command and Control Consoles - Organic	10 / 0.158	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.158	
2.1.5) Command and Control Consoles OCO - Organic	39 / 0.780	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 0.780	
2.1.6) Correction of OT Deficiencies - Organic	30 / 1.261	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 1.261	
2.1.7) External Lights (Upgrades) - Organic	31 / 1.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 1.178	
Subtotal Recurring	164 / 9.183	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	164 / 9.183	
Non-Recurring													
2.2.1) Installation Equipment Nonrecurring - Organic	- / 0.466	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.466	
Subtotal Non-Recurring	- / 0.466	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.466	
Total, H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	237 / 12.598	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	237 / 12.598	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (Modification Number - Modification Title): 5 - H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)			
Models of Systems Affected: UH-1Y/AH-1Z				Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement, All Modifications	237 / 12.598	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	237 / 12.598
Support												
3.1) Engineering Change Orders	- / 0.118	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.118
3.2) Data	- / 0.135	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.135
3.3) Data OCO	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100
3.4) Support Equipment	10 / 0.214	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.214
3.5) Training Equipment	2 / 0.598	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.598
3.6) ILS OCO	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500
3.7) Other Support	- / 0.192	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.192
3.8) Other Support OCO	- / 0.603	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.603
3.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	2.460	-	-	-	-	-	-	-	-	-	-	2.460
Total Procurement and Support	15.058	-	-	-	-	-	-	-	-	-	-	15.058
H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) Installation Cost	- / 1.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.864
Total Installation Cost	- / 1.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.864
Total Cost (Procurement + Support + Installation)	16.922	-	-	-	-	-	-	-	-	-	-	16.922

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0532 - H-1 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)											
Models of Systems Affected: UH-1Y/AH-1Z										Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS										Related RDT&E PEs:											
Manufacturer Information: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)																															
Manufacturer Name: Bell Helicopter Textron - Antenna Relocation Wiring/Hardware & Training Equipment														Manufacturer Location: Bedford, TX																	
Administrative Leadtime (<i>in Months</i>): 0														Production Leadtime (<i>in Months</i>): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)										Method of Implementation: Contractor Field Mod Team										Installation Name: Antenna Relocation Wiring/Hardware											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		12 / 1.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.864																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		12 / 1.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.864																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0532 - H-1 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)											
Models of Systems Affected: UH-1Y/AH-1Z										Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS										Related RDT&E PEs:											
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)										Method of Implementation: Contractor Field Modt Team										Installation Name: Antenna Relocation Wiring/Hardware OCO											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		30 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.000																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		30 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / -																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Out	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)										Method of Implementation: Not Installed - Exteranl Lights (Upgrades) (A Kit FY14 Installs)										Installation Quantity: 31											
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)										Method of Implementation: Organic - SATCOM Antenna AV2091										Installation Quantity: 12											
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)										Method of Implementation: Not Installed - SATCOM Antenna AV2091 OCO										Installation Quantity: 30											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)
Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Organic - Redesign Slipping and Standpipe	Installation Quantity: 12
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Organic - Command and Control Consoles	Installation Quantity: 10
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Organic - Command and Control Consoles OCO	Installation Quantity: 39
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Organic - Correction of OT Deficiencies	Installation Quantity: 30
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - External Lights (Upgrades)	Installation Quantity: 31
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 10
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 2

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - INACTIVE OSIPS			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	237.278	-	-	-	-	-	-	-	-	-	-	237.278
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	237.278	-	-	-	-	-	-	-	-	-	-	237.278
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	237.278	-	-	-	-	-	-	-	-	-	-	237.278
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - INACTIVE OSIPS			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
INACTIVE OSIPS													
A Kits													
Recurring													
1.1.1) Inactive OSIPs - Organic	- / 237.278	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 237.278	
Subtotal Recurring	- / 237.278	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 237.278	
Total, INACTIVE OSIPS	- / 237.278	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 237.278	
Total Procurement, All Modifications	- / 237.278	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 237.278	
Support													
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	237.278	-	-	-	-	-	-	-	-	-	-	237.278	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	237.278	-	-	-	-	-	-	-	-	-	-	237.278	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0532 - H-1 Series			Modification Nomenclature (Modification Number - Modification Title): 6 - INACTIVE OSIPS	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: INACTIVE OSIPS							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: INACTIVE OSIPS		Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0537 - EP-3 Series					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	974.418	94.481	79.404	55.903	-	55.903	29.930	9.305	9.556	9.680	14.349	1,277.026
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	974.418	94.481	79.404	55.903	-	55.903	29.930	9.305	9.556	9.680	14.349	1,277.026
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	974.418	94.481	79.404	55.903	-	55.903	29.930	9.305	9.556	9.680	14.349	1,277.026
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line item funds modifications to the EP-3E aircraft. The EP-3E is a land based, long range aircraft with electronic intercept devices for detection and tracking of enemy Radio Detection and Ranging and communications. In Operational, Safety and Improvement Program (OSIP) 11-01, the Spiral 1 kit improved operational capability and aircrew productivity by expanding the Electronic Support Measures frequency coverage, applying state-of-the-art signal exploitation/processing/display techniques, expanding Direction Finding frequency coverage, off-board classified communication, and expanding special signal processing capability. Spiral 2 kit improved information fusion/decision-making capabilities was deferred. Spiral 3 procurement provides Low Band Communication System Upgrades, Information Operations capability, Environmental Control System modifications, Quick Reaction Capabilities and the replacement of aging and obsolescence aircraft antenna arrays. OSIP 14-05 responds to the current, immediate demand for information operations capabilities on the EP-3E in Overseas Contingency Operations (OCO). Research and Development is funded with National Security Agency (NSA) Military Intelligence Program (MIP) funds. This OSIP provides the procurement tail for Research, Development, Test and Evaluation (RDT&E) funds from the Navy's Advanced Signal Recognition line (Program Element 0305206N). The NSA RDT&E line for the Navy Airborne Sensor System Improvements funds sensor improvements with application for the EP-3E. MIP RDT&E funds are responsible for the development and acquisition of EP-3E sensors, data links, data relays and ground stations to achieve and maintain interoperability with Defense-wide airborne reconnaissance assets. Active Primary Aircraft Authorization inventory is 12 with a Backup Aircraft Authorization inventory of 4 for a total of 16 aircraft. Funds budgeted in FY2012-FY2018 are to continue EP-3E Joint Airborne Signal Intelligence Architecture Modification Common Configuration Program. The EP-3E has an average age of 38.5 years. The EP-3E service life will be managed through Special Structural Inspection - Kits, Outer Wing Replacement and other aircraft sustainment activities in the P3 Series Modification program (Budget Line Item 0538, OSIP 05-05).												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0537 - EP-3 Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - JSAF Modification (JMOD) - OSIP 11-01	P3A				505.526			71.681			66.374			55.903			-			55.903
2 - EP-3E Info Operations - OSIP 14-05	P3A				90.981			20.800			13.030			-			-			-
3 - EP-3E Recapitalization Capabilities Migration - OSIP 07-09	P3A				59.311			2.000			-			-			-			-
4 - Inactive OSIPS	P3A				318.600			-			-			-			-			-
Total Gross/Weapon System Cost					974.418			94.481			79.404			55.903			-			55.903

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - JSAF Modification (JMOD) - OSIP 11-01	P3A				29.930			9.305			9.556			9.680			14.349			772.304
2 - EP-3E Info Operations - OSIP 14-05	P3A				-			-			-			-			-			124.811
3 - EP-3E Recapitalization Capabilities Migration - OSIP 07-09	P3A				-			-			-			-			-			61.311
4 - Inactive OSIPS	P3A				-			-			-			-			-			318.600
Total Gross/Weapon System Cost					29.930			9.305			9.556			9.680			14.349			1,277.026

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0537 - EP-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - JSAF Modification (JMOD) - OSIP 11-01				
Models of Systems Affected: EP-3E			Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	505.526	71.681	66.374	55.903	-	55.903	29.930	9.305	9.556	9.680	14.349	772.304
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	505.526	71.681	66.374	55.903	-	55.903	29.930	9.305	9.556	9.680	14.349	772.304
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	505.526	71.681	66.374	55.903	-	55.903	29.930	9.305	9.556	9.680	14.349	772.304
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The EP-3E Joint Airborne Signal Intelligence Architecture Modification Common Configuration (JCC) Program is an upgrade to the capabilities of the Sensor System Improvement Program (SSIP) configuration of the EP-3E. This Operational, Safety and Improvement Program (OSIP) responds to Operational Requirements Document (ORD) #571-78-01 and the CAPSTONE ORD #CAF-002-88. JCC is designed as an evolutionary acquisition program consisting of spiral upgrades. JCC Spirals include an updated EP-3E infrastructure, improved auto-Electronic Support Measures (ESM) with the Story Finder system, incorporated Joint Signal Processor, incorporated SSIP corrections, incorporated low band capability which improves special collection capability, Information Operations and incorporated Quick Reaction Capabilities (QRC). Data Fusion capability is currently deferred. In OSIP 11-01, the Spiral 1 ForceNet kit improved operational capability and aircrew productivity by expanding the ESM frequency coverage, applying state-of-the-art signal exploitation/processing/display techniques, expanding Direction Finding frequency coverage, off-board classified communication, and expanding special signal processing capability. Spiral 3 procurement began in FY11 with Low Band Communication System Upgrades, IO capability, Environmental Control System modification, QRC and the replacement of aging and obsolescence aircraft antenna arrays. QRC funds address mission avionics system obsolescence and emerging requirements. This OSIP includes JCC Obsolescence funding to replace subsystem obsolescence to ensure EP-3E viability until aircraft recapitalization. JCC Obsolescence and ILS are aligned to meet Electronic Intelligence, Communications Intelligence, Communications, Mission Management and Special Signals obsolescence requirements in order to support EP mod transition to Multi-INT Family of Systems (FoS). DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: JCC Spiral 1 Low Rate Initial Production (LRIP) decision was approved as planned on 06 June 2005 and Full Rate Production decision and contract awarded 4th Quarter of FY06 JCC Spiral 2 was deferred JCC Spiral 3 LRIP decision was approved on 25 February 2011 NOTES:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - JSAF Modification (JMOD) - OSIP 11-01
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
1) Other Support includes navy test for Obsolescence 2) B-Kit Rotable Pool will be used to maintain Aircraft inventory 3) OSIP 07-09 has been incorporated into OSIP 11-01 beginning in FY13 4) Install Schedule based on Projected Aircraft Availability 5) Obsolescence quantities include various mission equipment quantities		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0537 - EP-3 Series					Modification Nomenclature (Modification Number - Modification Title): 1 - JSAF Modification (JMOD) - OSIP 11-01				
Models of Systems Affected: EP-3E				Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
JSAF Modification (JMOD) - OSIP 11-01													
A Kits													
Recurring													
1.1.1) Prior Year Install Kits - Organic	44 / 16.973	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 16.973	
1.1.2) JMOD Common SP1 - Organic	6 / 4.826	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 4.826	
1.1.3) JMOD Common SP3 - NonOrganic	3 / 7.051	3 / 8.115	2 / 5.214	1 / 2.572	- / -	1 / 2.572	- / -	- / -	- / -	- / -	- / -	9 / 22.952	
Subtotal Recurring	53 / 28.850	3 / 8.115	2 / 5.214	1 / 2.572	- / -	1 / 2.572	- / -	- / -	- / -	- / -	- / -	59 / 44.751	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 20.065	- / 2.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 22.465	
Subtotal Non-Recurring	- / 20.065	- / 2.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 22.465	
B Kits													
Recurring													
2.1.1) Prior Year Install Equipment - Organic	75 / 77.299	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	75 / 77.299	
2.1.2) JMOD Common SP1 - Organic	6 / 24.990	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 24.990	
2.1.3) JMOD Common SP3 - Organic	3 / 17.728	2 / 10.072	2 / 9.708	1 / 4.788	- / -	1 / 4.788	- / -	- / -	- / -	- / -	- / -	8 / 42.296	
2.1.4) Prior Year Installation Costs - Organic	46 / 29.223	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 29.223	
Subtotal Recurring	130 / 149.240	2 / 10.072	2 / 9.708	1 / 4.788	- / -	1 / 4.788	- / -	- / -	- / -	- / -	- / -	135 / 173.808	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 42.991	- / 1.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 44.091	
Subtotal Non-Recurring	- / 42.991	- / 1.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 44.091	
Total, JSAF Modification (JMOD) - OSIP 11-01	183 / 241.146	5 / 21.687	4 / 14.922	2 / 7.360	- / -	2 / 7.360	- / -	- / -	- / -	- / -	- / -	194 / 285.115	
Total Procurement, All Modifications	183 / 241.146	5 / 21.687	4 / 14.922	2 / 7.360	- / -	2 / 7.360	- / -	- / -	- / -	- / -	- / -	194 / 285.115	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) JCC Obsolescence	- / 99.499	- / 14.037	- / 12.575	- / 11.818	- / -	- / 11.818	- / 14.809	- / 2.354	- / 2.555	- / 2.600	- / 2.800	- / 163.047	
3.3) QRC	- / -	- / -	- / 1.000	- / 0.931	- / -	- / 0.931	- / 0.947	- / 0.850	- / 0.865	- / 0.880	- / 1.056	- / 6.529	
3.4) Data	- / 10.849	- / 1.100	- / 0.500	- / 0.509	- / -	- / 0.509	- / 0.518	- / -	- / -	- / -	- / -	- / 13.476	
3.5) Training Equipment	- / 10.533	- / 2.100	- / 1.104	- / 1.067	- / -	- / 1.067	- / 1.086	- / 0.646	- / 0.657	- / 0.639	- / 1.200	- / 19.032	
3.6) Support Equipment	- / 9.672	- / 4.300	- / 1.048	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.022	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0537 - EP-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - JSAF Modification (JMOD) - OSIP 11-01				

Models of Systems Affected: EP-3E			Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
3.7) ILS	- / 21.949	- / 2.410	- / 1.848	- / 1.615	- / -	- / 1.615	- / 1.702	- / 1.000	- / 1.018	- / 1.000	- / 1.000	- / 33.542
3.8) Other Support	- / 86.354	- / 6.597	- / 7.209	- / 5.735	- / -	- / 5.735	- / 3.518	- / 1.555	- / 1.561	- / 1.561	- / 6.793	- / 120.883
3.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	238.856	30.544	25.284	21.675	-	21.675	22.580	6.405	6.656	6.680	12.849	371.529
Total Procurement and Support	480.002	52.231	40.206	29.035	-	29.035	22.580	6.405	6.656	6.680	12.849	656.644
JSAF Modification (JMOD) - OSIP 11-01 Installation Cost	- / 25.524	- / 19.450	- / 26.168	- / 26.868	- / -	- / 26.868	- / 7.350	- / 2.900	- / 2.900	- / 3.000	- / 1.500	- / 115.660
Total Installation Cost	- / 25.524	- / 19.450	- / 26.168	- / 26.868	- / -	- / 26.868	- / 7.350	- / 2.900	- / 2.900	- / 3.000	- / 1.500	- / 115.660
Total Cost (Procurement + Support + Installation)	505.526	71.681	66.374	55.903	-	55.903	29.930	9.305	9.556	9.680	14.349	772.304

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0537 - EP-3 Series		Modification Nomenclature (Modification Number - Modification Title): 1 - JSAF Modification (JMOD) - OSIP 11-01
Models of Systems Affected: EP-3E		Type Modification: Operational Improvement / Modernization		Related RDT&E PEs: 0305206N

Manufacturer Information: JSAF Modification (JMOD) - OSIP 11-01

Manufacturer Name: Various - Spiral 3 ⁽¹⁾				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013				
Delivery Dates	Aug 2012	Aug 2013	Aug 2014				
Manufacturer Name: Various - Obsolescence ECP's ⁽²⁾				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 2				Production Leadtime (<i>in Months</i>): 2			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013				
Delivery Dates	Feb 2012	Feb 2013	Feb 2014				

Installation: JSAF Modification (JMOD) - OSIP 11-01			Method of Implementation: Commercial Contractor Installation				Installation Name: JMOD Common SP3					
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	1 / 9.300	2 / 13.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 22.800
FY 2012	- / -	- / -	3 / 19.968	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 19.968
FY 2013	- / -	- / -	- / -	2 / 13.112	- / -	2 / 13.112	- / -	- / -	- / -	- / -	- / -	2 / 13.112
FY 2014	- / -	- / -	- / -	1 / 6.556	- / -	1 / 6.556	- / -	- / -	- / -	- / -	- / -	1 / 6.556
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 9.300	2 / 13.500	3 / 19.968	3 / 19.668	- / -	3 / 19.668	- / -	- / -	- / -	- / -	- / -	9 / 62.436

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0537 - EP-3 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - JSAF Modification (JMOD) - OSIP 11-01											
Models of Systems Affected: EP-3E										Type Modification: Operational Improvement / Modernization										Related RDT&E PEs: 0305206N											
Installation: JSAF Modification (JMOD) - OSIP 11-01										Method of Implementation: Commercial Contractor Installation										Installation Name: JMOD Common SP3											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	1	-	1	1	-	1	1	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Out	-	-	-	1	-	1	1	-	1	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Installation: JSAF Modification (JMOD) - OSIP 11-01										Method of Implementation: Navy Field Mod Team										Installation Name: JCC Obsolescence											
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 16.224		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		0 / 16.224							
FY 2012		- / -		- / 5.950		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 5.950							
FY 2013		- / -		- / -		- / 6.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 6.200							
FY 2014		- / -		- / -		- / -		- / 7.200		- / -		- / 7.200		- / -		- / 7.350		- / -		- / -		- / -		- / 7.200							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / 7.350		- / -		- / -		- / -		- / -		- / 7.350							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 2.900		- / -		- / -		- / -		- / 2.900							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 2.900		- / -		- / -		- / -		- / 2.900							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 3.000		- / -		- / -		- / 3.000							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / 1.500		- / -		- / 1.500							
Total		0 / 16.224		- / 5.950		- / 6.200		- / 7.200		- / -		- / 7.200		- / 7.350		- / 2.900		- / 2.900		- / 3.000		- / 1.500		- / 53.224							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Installation: JSAF Modification (JMOD) - OSIP 11-01										Method of Implementation: Not Installed - Prior Year Install Kits										Installation Quantity: 44											
Installation: JSAF Modification (JMOD) - OSIP 11-01										Method of Implementation: Not Installed - JMOD Common SP1										Installation Quantity: 6											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - JSAF Modification (JMOD) - OSIP 11-01
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - Prior Year Install Equipment	Installation Quantity: 75
Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - JMOD Common SP1	Installation Quantity: 6
Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - JMOD Common SP3	Installation Quantity: 8
Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - Prior Year Installation Costs	Installation Quantity: 46
Footnotes: ⁽¹⁾ Install Schedule based on projected aircraft availability ⁽²⁾ OBS quantities include various mission equipment quantities		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0537 - EP-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - EP-3E Info Operations - OSIP 14-05				
Models of Systems Affected: EP-3E			Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	90.981	20.800	13.030	-	-	-	-	-	-	-	-	124.811
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	90.981	20.800	13.030	-	-	-	-	-	-	-	-	124.811
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	90.981	20.800	13.030	-	-	-	-	-	-	-	-	124.811
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This program responds to the current, immediate demand for information operations capabilities on the EP-3E in the Overseas Contingency Operations (OCO) and has been funded via the Emergency Supplemental Appropriation for Defense. This EP-3E Information Operations program will procure the necessary modifications for EP-3E aircraft to selectively conduct offensive intelligence operations. This requirement was originally identified by Commander U.S. Fifth Fleet (US Navy) N3//11715332OCT02)for Operation Enduring Freedom. The requirement was further identified by Commander Naval Forces - Iraq (021101ZNOV04) and endorsed by United States Central Command (CCJ3-P//091619ZNOV4), United States Naval Forces, Central Command(CENTCOM)(111332ZNOV04) and Commander, U.S. Fleet Forces Command(122012ZNOV04). NOTES: 1) FY12 OCO CDL B Kits include 2 Val/Ver Kits 2) 2 Val/Ver Kits are not included in CDL Installs 3) FY14 Vortex Installs are funded with FY13 OCO												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0537 - EP-3 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - EP-3E Info Operations - OSIP 14-05				
Models of Systems Affected: EP-3E				Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
EP-3E Info Operations - OSIP 14-05												
A Kits												
Recurring												
1.1.1) AN/USQ-146 - Organic	10 / 0.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.450
1.1.2) FLIR - Organic	16 / 21.022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 21.022
1.1.3) CDL - NonOrganic ⁽³⁾	- / -	6 / 3.000	2 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 4.000
1.1.4) Vortex - NonOrganic	- / -	- / -	12 / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.400
Subtotal Recurring	26 / 21.472	6 / 3.000	14 / 1.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 25.872
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / -	- / 2.600	- / 0.880	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.480
Subtotal Non-Recurring	- / -	- / 2.600	- / 0.880	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.480
B Kits												
Recurring												
2.1.1) AN/USQ-146 - Organic	10 / 8.127	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 8.127
2.1.2) FLIR - Organic	19 / 34.716	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 34.716
2.1.3) CDL - Organic	- / -	8 / 8.000	4 / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 12.000
2.1.4) Vortex - Organic	- / -	- / -	12 / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 3.000
2.1.7) Prior Year Installation Cost - Organic	26 / 4.768	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 4.768
Subtotal Recurring	55 / 47.611	8 / 8.000	16 / 7.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 62.611
Non-Recurring												
2.2.1) Install Equipment N/R - Organic	- / 3.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.050
Subtotal Non-Recurring	- / 3.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.050
Total, EP-3E Info Operations - OSIP 14-05	81 / 72.133	14 / 13.600	30 / 9.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	125 / 95.013
Total Procurement, All Modifications	81 / 72.133	14 / 13.600	30 / 9.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	125 / 95.013
Support												
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Surge ECO	- / 6.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.000
3.3) Data	- / 0.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.081
3.4) Training Equipment	- / 1.386	- / 0.400	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.886

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0537 - EP-3 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - EP-3E Info Operations - OSIP 14-05	
Models of Systems Affected: EP-3E		Type Modification: Operational Improvement / Modernization			
				Related RDT&E PEs: 0305206N	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.5) Support Equipment	- / 1.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.100
3.6) ILS	- / 0.237	- / 0.400	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.037
3.7) Other Support	- / 10.044	- / 0.400	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.044
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	18.848	1.200	1.100	-	-	-	-	-	-	-	-	21.148
Total Procurement and Support	90.981	14.800	10.380	-	-	-	-	-	-	-	-	116.161
EP-3E Info Operations - OSIP 14-05 Installation Cost	- / 0.000	- / 6.000	- / 2.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.650
Total Installation Cost	- / 0.000	- / 6.000	- / 2.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.650
Total Cost (Procurement + Support + Installation)	90.981	20.800	13.030	-	-	-	-	-	-	-	-	124.811

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0537 - EP-3 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - EP-3E Info Operations - OSIP 14-05	
Models of Systems Affected: EP-3E		Type Modification: Operational Improvement / Modernization		Related RDT&E PEs: 0305206N	

Manufacturer Information: EP-3E Info Operations - OSIP 14-05							
Manufacturer Name: Various - CDL ⁽⁴⁾				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jan 2012	Jan 2013					
Delivery Dates	Jun 2012	Jun 2013					
Manufacturer Name: Various - Vortex ⁽⁵⁾				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Jan 2013					
Delivery Dates		Jun 2013					

Installation: EP-3E Info Operations - OSIP 14-05			Method of Implementation: Navy Field Mod Team					Installation Name: CDL				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	6 / 6.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 6.000
FY 2013	- / -	- / -	2 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.000
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	6 / 6.000	2 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 8.000

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Exhibit P-3A, Individual Modification: PB 2014 Navy			Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (Modification Number - Modification Title): 2 - EP-3E Info Operations - OSIP 14-05
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N	

Installation: EP-3E Info Operations - OSIP 14-05										Method of Implementation: Navy Field Mod Team										Installation Name: CDL											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	3	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	-	-	-	3	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

Installation: EP-3E Info Operations - OSIP 14-05			Method of Implementation: Navy Field Mod Team					Installation Name: Vortex				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	6 / 0.650	6 / -	- / -	6 / -	- / -	- / -	- / -	- / -	- / -	12 / 0.650
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	6 / 0.650	6 / -	- / -	6 / -	- / -	- / -	- / -	- / -	- / -	12 / 0.650

Installation Schedule	
	APY
	FY 2012
	FY 2013
	FY 2014
	FY 2015
	FY 2016
	FY 2017
	FY 2018
In	-
Out	-

Installation: EP-3E Info Operations - OSIP 14-05		Method of Implementation: Not Installed - AN/USQ-146		Installation Quantity: 10	

Installation: EP-3E Info Operations - OSIP 14-05		Method of Implementation: Not Installed - FLIR		Installation Quantity: 16	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - EP-3E Info Operations - OSIP 14-05
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - AN/USQ-146	Installation Quantity: 10
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - FLIR	Installation Quantity: 19
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - CDL	Installation Quantity: 12
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - Vortex	Installation Quantity: 12
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - Prior Year Installation Cost	Installation Quantity: 26
Footnotes: ⁽³⁾ Two additional "A" kits are required for validation/verification testing. ⁽⁴⁾ 2 Val/Ver Kits not included in installs ⁽⁵⁾ FY14 Installs funded with FY13 OCO		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0537 - EP-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - EP-3E Recapitalization Capabilities Migration - OSIP 07-09				
Models of Systems Affected: EP-3E			Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	59.311	2.000	-	-	-	-	-	-	-	-	-	61.311
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	59.311	2.000	-	-	-	-	-	-	-	-	-	61.311
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	59.311	2.000	-	-	-	-	-	-	-	-	-	61.311
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Funding was added in FY09-FY10 to procure Office of the Secretary of Defense directed EP-3E capabilities to ensure mission relevance and capabilities recapitalization. Quick Reaction Capability funds address mission avionics system obsolescence and emerging requirements. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: The EP-3E sustainment Engineer Change Order procurement began in FY09 and will ensure mission system viability until program recapitalization. NOTES: 1) FY13 and Out has been incorporated into 11-01's Operational Safety Improvement Program 2) Obsolescence quantities include various mission equipment quantities												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0537 - EP-3 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - EP-3E Recapitalization Capabilities Migration - OSIP 07-09				
Models of Systems Affected: EP-3E				Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
EP-3E Recapitalization Capabilities Migration - OSIP 07-09													
B Kits													
Recurring													
2.1.1) Prior Year Installation Cost - Organic	- / 2.224	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.224	
Subtotal Recurring	- / 2.224	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.224	
Total, EP-3E Recapitalization Capabilities Migration - OSIP 07-09	- / 2.224	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.224	
Total Procurement, All Modifications	- / 2.224	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.224	
Support													
3.1) ECO ⁽⁶⁾	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Obsolescence	- / 6.625	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.625	
3.3) QRC	- / 5.100	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.100	
3.4) Data	- / 0.907	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.907	
3.5) Training Equipment	- / 36.682	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 36.682	
3.6) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) ILS	- / 0.285	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.285	
3.8) Other Support	- / 5.088	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.588	
3.9) Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.10) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	54.687	1.500	-	-	-	-	-	-	-	-	-	56.187	
Total Procurement and Support	56.911	1.500	-	-	-	-	-	-	-	-	-	58.411	
EP-3E Recapitalization Capabilities Migration - OSIP 07-09 Installation Cost	- / 2.400	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.900	
Total Installation Cost	- / 2.400	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.900	
Total Cost (Procurement + Support + Installation)	59.311	2.000	-	-	-	-	-	-	-	-	-	61.311	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0537 - EP-3 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - EP-3E Recapitalization Capabilities Migration - OSIP 07-09											
Models of Systems Affected: EP-3E										Type Modification: Operational Improvement / Modernization										Related RDT&E PEs: 0305206N											
Manufacturer Information: EP-3E Recapitalization Capabilities Migration - OSIP 07-09																															
Manufacturer Name: Various - QRC ⁽⁷⁾													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 2													Production Leadtime (<i>in Months</i>): 2																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Dec 2011																													
Delivery Dates		Feb 2012																													
Installation: EP-3E Recapitalization Capabilities Migration - OSIP 07-09													Method of Implementation: [none specified]										Installation Name: QRC								
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		0 / 2.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.400																		
FY 2012		- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		0 / 2.400	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.900																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Footnotes: ⁽⁶⁾ 1. Totals may not add due to rounding. 2. FY-13 and Out has been incorporated into 11-01's OSIP																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - EP-3E Recapitalization Capabilities Migration - OSIP 07-09
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N

(7) OBS Quantities include various mission equipment quantities

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0537 - EP-3 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - Inactive OSIPS				
Models of Systems Affected: EP-3E				Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	318.600	-	-	-	-	-	-	-	-	-	-	318.600
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	318.600	-	-	-	-	-	-	-	-	-	-	318.600
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	318.600	-	-	-	-	-	-	-	-	-	-	318.600
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0537 - EP-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Inactive OSIPS					
Models of Systems Affected: EP-3E				Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
Procurement												
N/A												
<i>Total, N/A</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Support												
3.1) Inactive OSIPS	- / 318.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 318.600
<i>Total Support, All Modifications</i>	318.600	-	-	-	-	-	-	-	-	-	-	318.600
<i>Total Procurement and Support</i>	318.600	-	-	-	-	-	-	-	-	-	-	318.600
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	318.600	-	-	-	-	-	-	-	-	-	-	318.600

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0537 - EP-3 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Inactive OSIPS	
Models of Systems Affected: EP-3E			Type Modification: Operational Improvement / Modernization			Related RDT&E PEs: 0305206N	
Manufacturer Information: N/A							
Manufacturer Name: N/A					Manufacturer Location: N/A		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: N/A							
Method of Implementation: Support Only Installation				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0538 - P-3 Series					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements:					
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4,598.416	170.354	148.405	37.436	-	37.436	5.706	6.052	3.332	3.325	-	4,973.026
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	4,598.416	170.354	148.405	37.436	-	37.436	5.706	6.052	3.332	3.325	-	4,973.026
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	4,598.416	170.354	148.405	37.436	-	37.436	5.706	6.052	3.332	3.325	-	4,973.026
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line item funds modifications to P-3 aircraft. The P-3 Orion is a four turbo-prop engine, long-range maritime surveillance aircraft which performs Under Sea Warfare, Surface Warfare and Intelligence, Surveillance and Reconnaissance in support of battle group and littoral operations in direct support of Sea Shield and Forcenet pillars of Seapower 21. As a direct result of the 7 June 2003 Maritime Patrol and Reconnaissance offsite, the P-3 Sustainment Bridge was approved by the Chief of Naval Operations. This resulted in P-3C inventory levels being reduced from 227 to 148. The foundational element of this bridge was optimizing the P-3 fleet by investing manpower, Avionics Depot Level Repairable and Flying Hour Program savings into the resulting smaller P-3 force to produce a better productive ratio of aircraft. This investment allows the P-3 force to be smaller, more ready and more capable. A key investment area is P-3 Mod Programs. Funding for these programs support a multitude of obsolescence, structural, sustainment, training/logistics and warfighting capability upgrades that are key in keeping the P-3 platform relevant through Multi-mission Maritime Aircraft (MMA) Initial Operational Capability of 2013 and until the projected MMA Full Operational Capability of 2019 (and beyond for Block Mod Upgrade Program and EP-3 configurations). P-3 aircraft mods funded under the Aircraft Procurment, Navy line have heavily supported recent and current Operation Enduring Freedom, Operation Iraqi Freedom and Overseas Contingency Operations (OCO). Without key technology upgrades and aggressive obsolescence management, P-3 aircraft will be unable to meet Fleet Response Plan requirements, leaving key Seapower 21 capabilities in support of the Combatant Commanders at risk. This P-3 Sustainment Bridge provides a roadmap ensuring sufficient P-3 assets for Fleet and Combatant Commanders to fulfill operational and training/readiness requirements. The overall goal of the modifications budgeted in FY2014 is to continue aircraft sustainment, including: USQ-78 improvements (part of Updatelll), comm/nav/surveillance weapon system improvements, upgrades/modifications to airframe components/systems (including outer wing replacements),safety improvements and key system obsolescence upgrades. FY11 OCO funds Full Motion Video Metadata modification. The specific modifications budgeted and programmed are:												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0538 - P-3 Series										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:							Other Related Program Elements:							
MDAP/MAIS Code(s):																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - UPDT III BLK UPRDE(OSIP 080-84)	P3A				1,310.450			15.798			9.174			2.420			-			2.420
2 - CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	P3A				39.297			0.353			0.360			0.467			-			0.467
3 - ASUW IMPROV. PROG. (OSIP 029-94)	P3A				1,425.128			29.305			16.500			3.582			-			3.582
4 - CNS-ATM(OSIP 013-01)	P3A				165.673			8.959			70.570			0.742			-			0.742
5 - P-3 READINESS IMPROVEMENT(OSIP 004-04)	P3A				223.948			4.442			2.670			-			-			-
6 - SSI-K(OSIP 005-05)	P3A				1,266.191			100.285			41.420			26.712			-			26.712
7 - PROJECT K-0416(OSIP 005-07)	P3A				11.453			2.053			2.160			2.164			-			2.164
8 - P-3 MISSION SYSTEMS(OSIP 006-08)	P3A				29.833			9.159			5.551			1.349			-			1.349
9 - Inactive OSIPs	P3A				125.400			-			-			-			-			-
10 - DAWDF REALIGNMENT	P3A				1.043			-			-			-			-			-
Total Gross/Weapon System Cost					4,598.416			170.354			148.405			37.436			-			37.436
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - UPDT III BLK UPRDE(OSIP 080-84)	P3A				-			-			-			-			-			1,337.842
2 - CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	P3A				-			-			-			-			-			40.477
3 - ASUW IMPROV. PROG. (OSIP 029-94)	P3A				-			-			-			-			-			1,474.515
4 - CNS-ATM(OSIP 013-01)	P3A				-			-			-			-			-			245.944
5 - P-3 READINESS IMPROVEMENT(OSIP 004-04)	P3A				-			-			-			-			-			231.060
6 - SSI-K(OSIP 005-05)	P3A				1.332			-			-			-			-			1,435.940
7 - PROJECT K-0416(OSIP 005-07)	P3A				-			-			-			-			-			17.830

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0538 - P-3 Series										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
8 - P-3 MISSION SYSTEMS(OSIP 006-08)	P3A				4.374			6.052			3.332			3.325			-			62.975	
9 - Inactive OSIPs	P3A				-			-			-			-			-			125.400	
10 - DAWDF REALIGNMENT	P3A				-			-			-			-			-			1.043	
Total Gross/Weapon System Cost					5.706			6.052			3.332			3.325			-			4,973.026	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: The P-3 Orion modification budget begins a steep decline starting in FY14 due to scheduled transition from P-3 to P-8. The budget supports the remaining P-3 variants through 2020 in order to complete the P-8 transition, and has been optimized for 55 AIP+, 12 EP-3, and 19 BMUP configured aircraft.																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - UPDT III BLK UPGRDE(OSIP 080-84)				
Models of Systems Affected: P3C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,310.450	15.798	9.174	2.420	-	2.420	-	-	-	-	-	1,337.842
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,310.450	15.798	9.174	2.420	-	2.420	-	-	-	-	-	1,337.842
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,310.450	15.798	9.174	2.420	-	2.420	-	-	-	-	-	1,337.842
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
The Update III Block Upgrade program provides an improved P-3 anti-submarine warfare (ASW) capability required to neutralize current and emerging littoral and open ocean submarine threats in support of Sea Shield/Sea Power 21.												
The program initially establishes a common configuration of AN/USQ-78(V) acoustic processors, acoustic data recorders, sonobuoy receivers, and other acoustic subsystem components for all P-3C Mission Aircraft. Follow-on program efforts continuously modernize this common acoustic subsystem baseline to address Commercial Off-The-Shelf (COTS) component obsolescence, accomplish periodic COTS technology insertions, and provide functional improvements via an Air Acoustic Rapid COTS Insertion (Air ARCI) process. These common configuration efforts and follow-on technology insertion efforts are accomplished with AN/USQ-78(V) Air ARCI upgrade funding.												
FY11 thru FY17 objectives of the Update III Block Upgrade Program are to provide improved ASW capability through a series of Air ARCI Technology Insertions/Refreshes to the Acoustic Receiver, Acoustic Processor, and the Acoustic System. These Tech Insertions/Refreshes will: (1) increase digital sonobuoy monitoring capacity and improve acoustic subsystem maintainability by replacing the analog ARR-78 sonobuoy receiver with a digital Software Defined Sonobuoy Receiver; (2) increase system openness by eliminating the analog signal conditioning and Military-unique interface cards; (3) increase processing growth to meet emerging under-sea threats and Fleet ASW requirements for multi-static acoustic sensor processing (e.g., Extended Echo Ranging family), active acoustic sensor processing (e.g., Directional Command Active Sonobuoy System) and passive acoustic sensor processing (e.g., Acoustic Data Recorder, Directional Frequency Analysis and Recording) by incrementally upgrading system memory and processing capacity with the latest commercial variants of COTS single board computers and digital signal processors; (4) provide additional on going non-recurring engineering solutions to support continuous technology insertions/Refreshes and COTS obsolescence mitigation on a regular cycle via an ARCI Tech Refresh process to the USQ78(B) system.												
The Update III Common Configuration program is based on Decision Coordinating Paper W-080-AS and the Program Management Plan #0526 serial 902D/6U324405												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - UPDT III BLK UPGRDE(OSIP 080-84)
Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
The original Update III variant received approval for limited production in December 1983 and December 1984. Approval for full production was received in January 1986. The basis of the currently planned common configuration is an AN/USQ-78(V) variant that received approval for full production in February 2002. Notes: 1. The cost of "A" and "B" kits for USQ-78 are not separately priced. 2. Install unit cost dependant on number of installs accomplished by Government and Contractor install teams. 3. Note: FY10 procurement deliveries for APTR will commence 1st quarter FY14. 4. Installs for APTR Retrofit Card Sets were originally planned for O-level now require Depot Level Field Mod Team. FY 10/11 kits procured on same contract action (4/11).		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - UPDT III BLK UPGRDE(OSIP 080-84)				
Models of Systems Affected: P3C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
UPDT III BLK UPGRDE(OSIP 080-84)												
A Kits												
Recurring												
1.1.1) Prior Year Kits - Organic	658 / 98.787	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	658 / 98.787
Subtotal Recurring	658 / 98.787	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	658 / 98.787
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 64.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 64.450
Subtotal Non-Recurring	- / 64.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 64.450
B Kits												
Recurring												
2.1.1) Prior Year Equipment - Organic	1,895 / 567.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,895 / 567.587
2.1.2) DASD/DASD DOCKS - Organic	310 / 2.618	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	310 / 2.618
2.1.3) USQ-78A/CHRDS - Organic	97 / 126.918	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	97 / 126.918
2.1.4) USQ78 APTR Retrofit Card Sets - NonOrganic	64 / 15.749	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	64 / 15.749
2.1.5) USQ 78 APTR Upgrade Kits - NonOrganic	12 / 9.512	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 9.512
2.1.6) USQ78 ASTR Retrofit Card Sets - Organic	- / -	12 / 5.182	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 5.182
2.1.7) USQ 78 Sono Receiver Upgrade - NonOrganic	65 / 45.867	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 45.867
2.1.9) Inactive Prior Year Installations - Organic	508 / 38.981	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	508 / 38.981
Subtotal Recurring	2,951 / 807.232	12 / 5.182	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,963 / 812.414
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 118.875	- / 3.450	- / 0.103	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 122.428
Subtotal Non-Recurring	- / 118.875	- / 3.450	- / 0.103	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 122.428
Total, UPDT III BLK UPGRDE(OSIP 080-84)	3,609 / 1,089.344	12 / 8.632	- / 0.103	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,621 / 1,098.079
Total Procurement, All Modifications	3,609 / 1,089.344	12 / 8.632	- / 0.103	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,621 / 1,098.079
Support												
3.1) ECO	- / 3.762	- / 0.100	- / 0.346	- / 0.200	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / 4.408
3.2) USQ-78B System Controller ECP	- / 1.850	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.850
3.3) USQ-78 Sono-Receiver ECP	- / 5.300	- / -	- / 4.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.800

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - UPDT III BLK UPGRDE(OSIP 080-84)				

Models of Systems Affected: P3C				Type Modification: Operational Improvement				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.4) Data	- / 17.354	- / 0.200	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.854
3.5) Training Equipment	76 / 27.911	- / 0.097	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 28.008
3.6) Support Equipment	- / 1.608	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.608
3.7) ILS	- / 3.581	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.581
3.8) Other Support	- / 155.711	- / 4.614	- / 2.725	- / 0.870	- / -	- / 0.870	- / -	- / -	- / -	- / -	- / -	- / 163.920
3.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Support, All Modifications</i>	<i>217.077</i>	<i>5.011</i>	<i>7.871</i>	<i>1.070</i>	<i>-</i>	<i>1.070</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>231.029</i>
<i>Total Procurement and Support</i>	<i>1,306.421</i>	<i>13.643</i>	<i>7.974</i>	<i>1.070</i>	<i>-</i>	<i>1.070</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>1,329.108</i>
UPDT III BLK UPGRDE(OSIP 080-84) Installation Cost	- / 4.029	- / 2.155	- / 1.200	- / 1.350	- / -	- / 1.350	- / -	- / -	- / -	- / -	- / -	- / 8.734
<i>Total Installation Cost</i>	<i>- / 4.029</i>	<i>- / 2.155</i>	<i>- / 1.200</i>	<i>- / 1.350</i>	<i>- / -</i>	<i>- / 1.350</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 8.734</i>
Total Cost (Procurement + Support + Installation)	1,310.450	15.798	9.174	2.420	-	2.420	-	-	-	-	-	1,337.842

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - UPDT III BLK UPGRDE(OSIP 080-84)				
Models of Systems Affected: P3C			Type Modification: Operational Improvement				Related RDT&E PEs:					
Manufacturer Information: UPDT III BLK UPGRDE(OSIP 080-84)												
Manufacturer Name: Various-Update III ARTR ⁽¹⁾							Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 0							Production Leadtime (<i>in Months</i>): 0					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Manufacturer Name: Various - Update III APTR ⁽²⁾							Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 0							Production Leadtime (<i>in Months</i>): 0					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Manufacturer Name: Various - Update III APTR Retrofit Card Sets							Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 0							Production Leadtime (<i>in Months</i>): 0					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Installation: UPDT III BLK UPGRDE(OSIP 080-84)			Method of Implementation: NADEP, JAX; MIP CONTRACT; ON-SITE CONTRACTOR FIELD MOD TEAM					Installation Name: USQ78 APTR Retrofit Card Sets				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	7 / 0.105	47 / 0.705	10 / 0.150	0 / 0.000	10 / 0.150	- / -	- / -	- / -	- / -	- / -	64 / 0.960
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0538 - P-3 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - UPDT III BLK UPGRDE(OSIP 080-84)											
Models of Systems Affected: P3C											Type Modification: Operational Improvement											Related RDT&E PEs:											
Installation: UPDT III BLK UPGRDE(OSIP 080-84)											Method of Implementation: NADEP, JAX; MIP CONTRACT; ON-SITE CONTRACTOR FIELD MOD TEAM											Installation Name: USQ78 APTR Retrofit Card Sets											
Installation Cost											Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total											
																							Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
To Complete											- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total											- / -	7 / 0.105	47 / 0.705	10 / 0.150	- / -	10 / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	64 / 0.960
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	-	7	13	12	12	10	3	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	
Out	-	-	-	-	7	13	12	12	10	3	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	
Installation: UPDT III BLK UPGRDE(OSIP 080-84)											Method of Implementation: NADEP, JAX, MIP CONTRACT, ON-SITE BY CONTRACTOR FIELD MOD TEAM											Installation Name: USQ 78 APTR Upgrade Kits											
Installation Cost											Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total											
																							Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years											- / -	- / -	- / -	12 / 1.200	0 / 0.000	12 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.200		
FY 2012											- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -			
FY 2013											- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -				
FY 2014											- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -					
FY 2015											- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -					
FY 2016											- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -					
FY 2017											- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -					
FY 2018											- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -					
To Complete											- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -				
Total											- / -	- / -	- / -	12 / 1.200	- / -	12 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.200				

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0538 - P-3 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - UPDT III BLK UPGRDE(OSIP 080-84)									
Models of Systems Affected: P3C										Type Modification: Operational Improvement										Related RDT&E PEs:											
Installation: UPDT III BLK UPGRDE(OSIP 080-84)											Method of Implementation: NADEP, JAX, MIP CONTRACT, ON-SITE BY CONTRACTOR FIELD MOD TEAM											Installation Name: USQ 78 APTR Upgrade Kits									
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	2	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
Out	-	-	-	-	-	-	-	-	-	-	2	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
Installation: UPDT III BLK UPGRDE(OSIP 080-84)											Method of Implementation: NADEP JAX, MIP CONTRACT, ON-SITE BY FIELD MOD TEAM											Installation Name: USQ 78 Sono Receiver Upgrade									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		35 / 4.029	24 / 2.050	6 / 0.495	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 6.574																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		35 / 4.029	24 / 2.050	6 / 0.495	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 6.574																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	35	8	7	5	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
Out	35	8	7	5	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
Installation: UPDT III BLK UPGRDE(OSIP 080-84)											Method of Implementation: Not Installed - Prior Year Kits											Installation Quantity: 658									

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - UPDT III BLK UPGRDE(OSIP 080-84)
Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - Prior Year Equipment	Installation Quantity: 1895
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - DASD/DASD DOCKS	Installation Quantity: 310
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - USQ-78A/CHRDS	Installation Quantity: 97
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - USQ78 ASTR Retrofit Card Sets	Installation Quantity: 12
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - Inactive Prior Year Installations	Installation Quantity: 508
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 76
Footnotes: ⁽¹⁾ Sono Receiver (Acoustic Receiver Tech Refresh) ⁽²⁾ Acoustic Processor Tech Refresh		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)				
Models of Systems Affected: P-3C P-3C			Type Modification: Readiness					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	39.297	0.353	0.360	0.467	-	0.467	-	-	-	-	-	40.477
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	39.297	0.353	0.360	0.467	-	0.467	-	-	-	-	-	40.477
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	39.297	0.353	0.360	0.467	-	0.467	-	-	-	-	-	40.477
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
The purpose of this program is to provide the requisite funding to implant various minor cost effective changes to critical P-3 weapon systems. These changes are essential to the operation of the aircraft and/or it's mission systems, but are not currently being addressed by an existing aircraft modification program. The changes can be either airframe, avionics, or procedures.												
Following Engineering Change Proposal (ECPs) completed in Prior Years:SINGLE ARMAMENT CONTROL PANEL ECP JAX P3-649; KAPTON WIRING REPLACEMENT MOD ECP JAX P3-610; E-J RECEIVER MOD AN/ALR-66 B(V)3 ECP LITTON 970; APS-115 FEEDBALL MODIFICATION ECP CUBIC 2509-02F3; P-3 PILOT/COPILOT/ PLANE CAPTAIN SEAT MODIFICATION FOR THE MA-16 INERTIA REEL ECP JAX P3-519; Digital Autopilot; STANDBY ATTITUDE INDICATOR (PEANUT GYRO) ECP BFGAAS ID-1481A/A-25583-48; Infra-Red (IR) Strobes ECP JAX P3-776												
Active ECPs:												
STANDBY ATTITUDE INDICATOR (PEANUT GYRO) ECP BFGAAS D-1481A A-25583-48: This ECP modifies the P-3C Standby Attitude Indicator (Peanut Gyro) to operate with a Direct Current powervice on Alternating Current power. This modification is planned for 148 P-3C's and 11 trainers.												
IR Strobes ECP JAX P3-776: FY-02 Defense Emergency Response Fund funding for 100 IR strobes for P-3 aircraft. An additional 14 IR Strobe kits procured with FY 05 funds.												
Other Possible ECPs being considered include Explosive Suppressant Foam Installation in Fuel Tanks (ECP Pax P3-518AFC-517)- This ECP provides for the installation of explosive suppressant foam in P-3C aircraft.												
Lighted Turn and Slip Indicator (LIGHTED INCLINOMETER) ECP Pax CNS 001: This ECP replaces the existing P-3 Turn & Slip Indicator with a Lighted Turn & Slip Indicator for better improved cockpit awareness in reduced lighting conditions. O-level installation.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)
Models of Systems Affected: P-3C P-3C	Type Modification: Readiness	Related RDT&E PEs:
GPS Anti-Jam Antenna System (GAS-1) Antenna ECP(NAWCAD PAX-CNS-002/AFC-788): provides for the removal of the existing Fixed Reception Pattern Antenna and associated equipment and replace with the Controlled Radiation Pattern Antenna, AS-3821A/ARN and one of the following antenna electronics units, AS-4555/AR, AS-4555A/AR, ADAP ELECTRONICS, AS-4616A0. 81 Kits and 40 Installations funded FY-11 (last year funded) & prior by Program Manager Warfare/Air (PMW/A-170) (OSIP 71-88). Remaining installs to be funded under this Operational, Safety and Improvement Program (OSIP). DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The changes identified are minor and do not require approval for full production. Notes: 1. No install schedule is depicted for Standby (Peanut) Gyro Mod Kits and trainers because they are included in Electronic Flight Display System installs in OSIP 13-01. 2. Forty (40) Prior year GAS-1 funded kits under Space and Naval Warfare Systems Command PMW/A-170 OSIP (71-88). PMW/A-170 funding for P-3 GAS-1 installations ended in FY-11.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 2 - CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)				
Models of Systems Affected: P-3C P-3C				Type Modification: Readiness					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)													
A Kits													
Recurring													
1.1.1) Infra Red (IR) Strobes - Organic	117 / 0.746	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	117 / 0.746	
1.1.2) Lighted Inclinator - Organic	142 / 0.438	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	142 / 0.438	
1.1.3) Prior Year Kits - Organic	1,268 / 13.989	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,268 / 13.989	
1.1.4) Standby (PEANUT) Gyro Mod - Organic	130 / 0.726	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	130 / 0.726	
Subtotal Recurring	1,657 / 15.899	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,657 / 15.899	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 7.226	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.226	
Subtotal Non-Recurring	- / 7.226	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.226	
B Kits													
Recurring													
2.1.1) Infra Red (IR) Strobes - Organic	117 / 0.460	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	117 / 0.460	
2.1.2) Prior Year Equipment - Organic	9 / 1.559	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.559	
2.1.3) Prior Year Inactive Installations - Organic	3 / 4.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 4.207	
2.1.4) GAS-1 - NonOrganic ⁽³⁾	40 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / -	
Subtotal Recurring	169 / 6.226	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	169 / 6.226	
Total, CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	1,826 / 29.351	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,826 / 29.351	
Total Procurement, All Modifications	1,826 / 29.351	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,826 / 29.351	
Support													
3.1) ECO	- / 0.105	- / 0.106	- / -	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 0.311	
3.2) Data	- / 2.681	- / 0.140	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.821	
3.3) Training Equipment	11 / 0.364	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.364	
3.4) Support Equipment	- / 0.264	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.264	
3.5) ILS	- / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.150	
3.6) Other Support	- / 6.382	- / 0.107	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.489	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	9.946	0.353	-	0.100	-	0.100	-	-	-	-	-	10.399	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 2 - CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)			
Models of Systems Affected: P-3C P-3C			Type Modification: Readiness					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement and Support	39.297	0.353	-	0.100	-	0.100	-	-	-	-	-	39.750
CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) Installation Cost	- / 0.000	- / -	- / 0.360	- / 0.367	- / -	- / 0.367	- / -	- / -	- / -	- / -	- / -	- / 0.727
Total Installation Cost	- / 0.000	- / -	- / 0.360	- / 0.367	- / -	- / 0.367	- / -	- / -	- / -	- / -	- / -	- / 0.727
Total Cost (Procurement + Support + Installation)	39.297	0.353	0.360	0.467	-	0.467	-	-	-	-	-	40.477

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0538 - P-3 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)											
Models of Systems Affected: P-3C P-3C										Type Modification: Readiness										Related RDT&E PEs:											
Manufacturer Information: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)																															
Manufacturer Name: Manufacturer Name Not Provided.															Manufacturer Location: Manufacturer Location Not Provided.																
Administrative Leadtime (<i>in Months</i>):															Production Leadtime (<i>in Months</i>):																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)										Method of Implementation: Contractor Field Team										Installation Name: GAS-1											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		20 / 0.360		20 / 0.367		0 / 0.000		20 / 0.367		- / -		- / -		- / -		- / -		- / -		- / -		40 / 0.727					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		20 / 0.360		20 / 0.367		- / -		20 / 0.367		- / -		- / -		- / -		- / -		- / -		- / -		40 / 0.727					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
Out	-	-	-	-	-	-	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)										Method of Implementation: Not Installed - Infra Red (IR) Strobes										Installation Quantity: 117											
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)										Method of Implementation: Not Installed - Lighted Inclinator										Installation Quantity: 142											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)
Models of Systems Affected: P-3C P-3C	Type Modification: Readiness	Related RDT&E PEs:
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Prior Year Kits	Installation Quantity: 1268
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Standby (PEANUT) Gyro Mod	Installation Quantity: 130
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Infra Red (IR) Strobes	Installation Quantity: 117
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Prior Year Equipment	Installation Quantity: 9
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 3
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 11
Footnotes: ⁽³⁾ Forty (40) Prior year GAS-1 funded kits under SPAWAR PMW/A-170 OSIP (71-88). PMW/A-170 funding for P-3 GAS-1 installations ended in FY-11.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - ASUW IMPROV. PROG.(OSIP 029-94)				
Models of Systems Affected: P-3C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,425.128	29.305	16.500	3.582	-	3.582	-	-	-	-	-	1,474.515
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,425.128	29.305	16.500	3.582	-	3.582	-	-	-	-	-	1,474.515
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,425.128	29.305	16.500	3.582	-	3.582	-	-	-	-	-	1,474.515
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: The Navy's Maritime Patrol and Reconnaissance Force (primarily P-3C Orion aircraft) provides three deliverables to Navy and joint commanders worldwide: Undersea warfare; Intelligence Surveillance, and Reconnaissance; and Maritime Surveillance Targeting. The Anti-Surface Warfare (ASuW) Improvement Program meets the Navy's requirement to rapidly provide a significant increase in the current P-3's ability to perform Anti-Submarine Warfare (ASW), ASuW, Over-the-Horizon Targeting, and Command, Control, Communications, Computers, and Intelligence (C4I).The target aircraft for this modification are P-3C Update II/II.5 and Update III. This modification focuses on improving the weapon system's capability for standoff targeting and classification. Significant sensor improvements and capabilities are provided by the APS-137D (V) 5 imaging radar, the Advanced Imaging Multi-Spectral Sensor (AIMS) electro optical/infrared system, and Electronic Support Measures(ESM) upgrades that include Specific Emitter Identification (SEI), SEI Utility Improvement, ALR-95,improved pulse processing, and Direction Finder accuracy. C4I is improved with a Demand Assigned Multiple Access (DAMA) Satcom radio suite and Multi-mission Advanced Tactical Terminal (MATT) that can receive the Officer in Tactical Command Information Exchange System, and other fleet broadcasts. Additional planned Phased Capability Upgrade (PCU) improvements include the Maritime Surveillance Targeting (MST) capability as well as Tactical Common Data Link (TCDL). Survivability enhancements include the ALE-47/AAR-47 missile warning countermeasures, explosive suppressant foam, and small circular area of probability weapon system (Maverick, Standoff Land Attack Missile (SLAM), SLAM-Expanded Response, and provisions to carry and launch all Mil Std 1760 Digital weapons. Additional funding in FY1995 and FY1996 was utilized to meet an urgent fleet requirement to upgrade 17 Pre-ASuW Improvement Program(AIP) aircraft with Maverick armament control kits. FY2005 Emergency Supplemental Appropriation for Defense (ESAD) funds were provided to procure and install additional TCDL systems. The P3 AIP operational requirement document (ORD) is Ser # 355-88-94. Future Engineering Change Proposals (ECPs) are anticipated for the existing systems including APS-137 radar; AIMS Electro-Optical/Infrared; MATT; Link 16; Global Communication & Control System - Maritime (GCCS-M); Precision Targeting Workstation (PTW); OASIS;Video Distribution Controller; Tactical Mission Computer; ALR-95 ESM;DAMA Satcom; MST; TCDL; Recorders including the High Resolution Digital Recorder; ALE47/AAR47; Digital Stores Management System (DSMS); all weapon systems including missiles, torpedoes, mines, as well as acoustic system upgrades. The ASW Maritime Improvement Program (AMIP) will provide for Mission System Sustainment, ASW improvements and improved C4I systems including International Marine/Maritime Surveillance/ Integrated Tactical Picture(ITP), and High Frequency Internet Protocol (HFIP), FY11 Overseas Contingency Operations (OCO) provided funds for Full Motion Video (FMV) Metadata.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: This modification makes maximum use of previously developed subsystems.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - ASUW IMPROV. PROG.(OSIP 029-94)
Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
Notes: 1. The cost of "A" and "B" kits for all kits (except TCDL) not separately priced. 2. AIP prior year TCDL kits funded with Congressional Add and ESAD funds. 3. Phased Capability Upgrade (MST) prior year kits include two (2) lab assets. 4. FMV Metadata kits installed in FY12 and FY13 with FY11 OCO funds. 5. FY08 C4 for ASW Kits Procured With Cong Add. 6. Install unit cost dependent on number of installs accomplished by Government and Contractor install teams. 7. Two HF-IP Kits are to be installed in trainers and one in the Program Hardware Integration Center.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - ASUW IMPROV. PROG.(OSIP 029-94)			
Models of Systems Affected: P-3C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ASUW IMPROV. PROG.(OSIP 029-94)												
A Kits												
Recurring												
1.1.1) Prior Year Kits - Organic	88 / 384.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	88 / 384.320
1.1.2) TCDL A-KIT - Organic	25 / 0.827	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.827
1.1.3) Digital Stores Management System - Organic	2 / 0.398	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.398
Subtotal Recurring	115 / 385.545	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	115 / 385.545
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 42.079	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 42.079
Subtotal Non-Recurring	- / 42.079	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 42.079
B Kits												
Recurring												
2.1.1) BMUP ASE FOAM KITS - Organic	4 / 0.175	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.175
2.1.2) C4 FOR ASW LINK-16 - NonOrganic	29 / 17.194	18 / 11.430	8 / 5.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 33.624
2.1.3) C4 FOR ASW (INMARSAT/ITP) - Organic	29 / 18.794	18 / 10.066	8 / 4.121	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 32.981
2.1.4) Digital Stores Management System - Organic	2 / 0.652	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.652
2.1.5) GFE Sensors and Avionics - Organic	- / 287.039	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 287.039
2.1.6) High Resolution Digital Recorder - Organic	- / 0.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.800
2.1.7) HFIP - NonOrganic	35 / 2.740	12 / 1.310	8 / 0.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 4.850
2.1.8) PHASED CAPABILITY UPGRADE (MST) - Organic	74 / 45.663	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	74 / 45.663
2.1.9) Prior Year Equipment - Organic	- / 9.516	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.516
2.1.10) TCDL B-KIT - Organic	26 / 10.773	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 10.773
2.1.11) Full Motion Video (FMV) Metadata (OCO) - NonOrganic	30 / 3.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 3.900
2.1.12) Prior Year Inactive Installations - Organic	217 / 138.443	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	217 / 138.443
Subtotal Recurring	446 / 535.689	48 / 22.806	24 / 9.921	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	518 / 568.416
Non-Recurring												
2.2.1) Install Equipment N/R - Organic	- / 101.265	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 101.285
2.2.2) Install Equipment N/R (FMV OCO) - Organic	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000
Subtotal Non-Recurring	- / 102.265	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 102.285

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - ASUW IMPROV. PROG.(OSIP 029-94)				
Models of Systems Affected: P-3C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	Total, ASUW IMPROV. PROG.(OSIP 029-94)	561 / 1,065.578	48 / 22.826	24 / 9.921	- / -	- / -	- / -	- / -	- / -	- / -	- / -	633 / 1,098.325
Total Procurement, All Modifications		561 / 1,065.578	48 / 22.826	24 / 9.921	- / -	- / -	- / -	- / -	- / -	- / -	- / -	633 / 1,098.325
Support												
3.1) ALR-95 Upgrades ECO	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300
3.2) Digital Stores Management System ECO	- / 11.934	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.934
3.3) SLAM-ER ECO	- / 23.804	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.804
3.4) C4 FOR ASW ECO	- / 0.438	- / 0.100	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.638
3.5) Data	- / 18.577	- / 0.200	- / 0.049	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.826
3.6) Training Equipment	- / 85.237	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 85.237
3.7) Support Equipment	- / 14.467	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.467
3.8) ILS	- / 17.128	- / 0.200	- / 0.200	- / 0.200	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / 17.728
3.9) ILS (FMV OCO)	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200
3.10) Other Support	- / 181.915	- / 2.599	- / 1.480	- / 0.629	- / -	- / 0.629	- / -	- / -	- / -	- / -	- / -	- / 186.623
3.11) Other Support (FMV OCO)	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300
3.12) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	354.300	3.099	1.829	0.829	-	0.829	-	-	-	-	-	360.057
Total Procurement and Support	1,419.878	25.925	11.750	0.829	-	0.829	-	-	-	-	-	1,458.382
ASUW IMPROV. PROG.(OSIP 029-94) Installation Cost	- / 5.250	- / 3.380	- / 4.750	- / 2.753	- / -	- / 2.753	- / -	- / -	- / -	- / -	- / -	- / 16.133
Total Installation Cost	- / 5.250	- / 3.380	- / 4.750	- / 2.753	- / -	- / 2.753	- / -	- / -	- / -	- / -	- / -	- / 16.133
Total Cost (Procurement + Support + Installation)	1,425.128	29.305	16.500	3.582	-	3.582	-	-	-	-	-	1,474.515

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - ASUW IMPROV. PROG.(OSIP 029-94)				
Models of Systems Affected: P-3C			Type Modification: Operational Improvement				Related RDT&E PEs:					
Manufacturer Information: ASUW IMPROV. PROG.(OSIP 029-94)												
Manufacturer Name: Various - AIP C4 for ASW ⁽⁴⁾						Manufacturer Location: Various						
Administrative Leadtime (<i>in Months</i>): 0						Production Leadtime (<i>in Months</i>): 0						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Nov 2011	Feb 2013										
Delivery Dates	Nov 2012	Nov 2013										
Manufacturer Name: Various - AIP HF-IP ⁽⁵⁾						Manufacturer Location: Various						
Administrative Leadtime (<i>in Months</i>): 0						Production Leadtime (<i>in Months</i>): 0						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Mar 2012	Feb 2013										
Delivery Dates	Mar 2013	Feb 2014										
Manufacturer Name: Various - AIP FMV Metadata ⁽⁶⁾						Manufacturer Location: Various						
Administrative Leadtime (<i>in Months</i>): 0						Production Leadtime (<i>in Months</i>): 0						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Installation: ASUW IMPROV. PROG.(OSIP 029-94)				Method of Implementation: Contractor Field Mod Team				Installation Name: C4 FOR ASW LINK-16				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	16 / 3.050	13 / 2.015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 5.065
FY 2012	- / -	- / -	18 / 2.880	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 2.880
FY 2013	- / -	- / -	- / -	8 / 1.953	- / -	8 / 1.953	- / -	- / -	- / -	- / -	- / -	8 / 1.953
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0538 - P-3 Series											Modification Nomenclature (Modification Number - Modification Title): 3 - ASUW IMPROV. PROG.(OSIP 029-94)								
Models of Systems Affected: P-3C										Type Modification: Operational Improvement										Related RDT&E PEs:											
Installation: ASUW IMPROV. PROG.(OSIP 029-94)										Method of Implementation: Contractor Field Mod Team										Installation Name: C4 FOR ASW LINK-16											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
		-		/		-		-		-		/		-		-		-		/		-		-		/		-			
To Complete		-		/		-		-		-		/		-		-		-		/		-		-		/		-			
Total		16 / 3.050		13 / 2.015		18 / 2.880		8 / 1.953		-		/		-		8 / 1.953		-		/		-		-		/		55 / 9.898			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	4	3	3	3	4	5	5	4	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	
Out	12	4	4	3	3	7	4	5	5	-	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	
Installation: ASUW IMPROV. PROG.(OSIP 029-94)																															
Installation: ASUW IMPROV. PROG.(OSIP 029-94)										Method of Implementation: Contractor Field Mod Team										Installation Name: HFIP											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
		All Prior Years		16 / 1.600		14 / 1.365		5 / 0.550		-		/		-		-		/		-		/		-		/		35 / 3.515			
FY 2012		-		/		-		-		12 / 1.320		-		/		-		-		/		-		/		-		12 / 1.320			
FY 2013		-		/		-		-		8 / 0.800		-		/		-		8 / 0.800		-		/		-		-		8 / 0.800			
FY 2014		-		/		-		-		-		/		-		-		-		/		-		-		-		-		/	
FY 2015		-		/		-		-		-		/		-		-		-		/		-		-		-		-		/	
FY 2016		-		/		-		-		-		/		-		-		-		/		-		-		-		-		/	
FY 2017		-		/		-		-		-		/		-		-		-		/		-		-		-		-		/	
FY 2018		-		/		-		-		-		/		-		-		-		/		-		-		-		-		/	
To Complete		-		/		-		-		-		/		-		-		-		/		-		-		-		-		/	
Total		16 / 1.600		14 / 1.365		17 / 1.870		8 / 0.800		-		/		-		8 / 0.800		-		/		-		-		/		-		55 / 5.635	
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	4	4	3	3	4	5	5	3	-	2	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	
Out	12	4	4	4	3	3	4	5	5	3	-	2	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - ASUW IMPROV. PROG.(OSIP 029-94)			

Models of Systems Affected: P-3C			Type Modification: Operational Improvement			Related RDT&E PEs:		

Installation: ASUW IMPROV. PROG.(OSIP 029-94)				Method of Implementation: Contractor Field Mod Team				Installation Name: Full Motion Video (FMV) Metadata (OCO)			

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
All Prior Years	0 / 0.600	- / -	30 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.600
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.600	- / -	30 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.600

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	3	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	
Out	-	-	-	-	-	3	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	

Installation: ASUW IMPROV. PROG.(OSIP 029-94)				Method of Implementation: Not Installed - Prior Year Kits				Installation Quantity: 88			

Installation: ASUW IMPROV. PROG.(OSIP 029-94)				Method of Implementation: Not Installed - TCDL A-KIT				Installation Quantity: 25			

Installation: ASUW IMPROV. PROG.(OSIP 029-94)				Method of Implementation: Not Installed - Digital Stores Management System				Installation Quantity: 2			

Installation: ASUW IMPROV. PROG.(OSIP 029-94)				Method of Implementation: Not Installed - BMUP ASE FOAM KITS				Installation Quantity: 4			

Installation: ASUW IMPROV. PROG.(OSIP 029-94)				Method of Implementation: Not Installed - C4 FOR ASW (INMARSAT/ITP)				Installation Quantity: 55			

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - ASUW IMPROV. PROG.(OSIP 029-94)
Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - Digital Stores Management System	Installation Quantity: 2
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - PHASED CAPABILITY UPGRADE (MST)	Installation Quantity: 74
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - TCDL B-KIT	Installation Quantity: 26
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 217
Footnotes: ⁽⁴⁾ FY08 Kits Procured With Congressional Add; Install unit cost dependent on number of installs accomplished by Government and Contractor install teams. ⁽⁵⁾ Two kits are to be installed in trainers and one in the PHIC ⁽⁶⁾ FY11 kits/installs procured with FY11 OCO funds.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - CNS-ATM(OSIP 013-01)				
Models of Systems Affected: P-3C/EP-3			Type Modification: Operational Improvement/Safety				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	165.673	8.959	70.570	0.742	-	0.742	-	-	-	-	-	245.944
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	165.673	8.959	70.570	0.742	-	0.742	-	-	-	-	-	245.944
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	165.673	8.959	70.570	0.742	-	0.742	-	-	-	-	-	245.944
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
P-3C aircraft have a requirement for a Communications, Navigation and Surveillance/ Air Traffic Management (CNS/ATM) upgrades to meet expanding CNS/ATM requirements and ensure global access to commercial airspace. The CNS/ATM requirements consist of various avionics systems upgrades/replacements which currently include; Very High Frequency Radio(VHF) radio with 8.33 kHz channel spacing, Identification, Friend or Foe (IFF) (Mode S and Mode 5), protected Instrumented Landing System(ILS)/Very High Frequency Omni Directional Range with Frequency Modulation Immunity, and an upgraded Global Positioning System (GPS) to provide increased navigation accuracy (Required Navigation Performance,Basic Area Navigation Standards, Reduced Vertical Separation Minimums) with the capability to be upgraded to meet Automatic Dependent Surveillance Broadcast, Next Generation Communications, Joint Precision Approach and Landing System, Precision Area Navigation, Navigation Warfare and Joint Tactical Radio System requirements . Successful integration of any or all of these capabilities, and any future Federal Aviation Administration or International Civil Aviation Organization mandates, requires an Flight Management System (FMS) which provides for growth and interface flexibility.												
This Operational, Safety, and Improvement Program provides non-recurring engineering (NRE) for the development of the CNS/ATM architecture for the P-3 aircraft which includes a FMS/Contol Display Unit(CDU), digital air data computer (DADC) and an Electronic Flight Display Systems (EFDS). This modification program provides CNS/ATM upgrades for 125 P-3C aircraft and 12 EP-3 aircraft. Radar Navigation (RNAV)/ MODE S Kit [Jacksonville (JAX) Engineering Change Proposal (ECP) P3-828] includes FMS/CDU 7000, Digital Air Data Computer, APX-118 (IFF/MODE S) and Replacement Inertial Navigational Unit(RINU-G). EFDS (JAX ECP P3-491), Multi-Mode Receiver (JAX ECP P3-826 & ARC-210 (8.33KHz) (Jax ECP P3-827) are Stand-Alone ECPs that will be installed separately or in conjunction with RNAV/Mode S ECP. Joint Mission Planning System (JMPS) Unique Planning Component (UPC) is required to replace the flight and mission planning elements (Flight Planning, Anti-Submarine Warfare Mission Planning, Standoff Land Attack Missile-Expanded Response planning) that presently reside in Tactical Aviation Mission Planning System, which will be replaced by JMPS. The JMPS UPC will reside on laptop computers to be procured for 97 aircraft (72 AIP/25 BMUP). There is no kit or install associated with this effort. FY13 funds for Traffic Collision Avoidance System (TCAS) in all variants of P-3 (55 AIP/19 BMUP/12 EP-3) and will be installed separately or in conjunction with RNAV Mode S.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												
Acquisition Strategy approved 21 November 03/Aquisition Category IVM. Preliminary Design Review for RNAV Mode S completed 16 June 04. Began transition of ARC-210 (8.33kHz) Radio and MLR-2020 (P-ILS) from Roll-On/Roll-Off to permanent installation in FY-05 (PMA-209 funded). Milestone C/ Full Rate Production approved on 23 August 2006.												
Notes:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - CNS-ATM(OSIP 013-01)
Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
1. EFDS funded under GPS OSIP 28-92. 2. APX-118 and RING-U funding in FY04 is for TKIs 3. Beginning in FY-04, PMA-209 funded NRE, equipment and installs for ARC-210 VHF radio, APX-118, MLR-2020 and RINU-G. 4. RNAV Mode-S P-3C Prototype NRE, prototype kit and prototype installation funded in FY02 with Congressional Plus-Up. 5. RNAV Mode-S Installs include trainers. 6. RNAV MODE S installs begin in FY05 and consist of FMS/CDU 7000, Digital Air Data Computer (DADC/Air Data Display Unit), Common Identification Friend or Foe Digital Transponder(CXP) and RINU-G. CXP & RINU-G Funded by PMA-209. 7. Final RNAV Mode S Quantity reduced due to planned A/C retirements. Final Quantity of 139 equals 121 active P-3Cs, 16 EP-3 and 2 P-3Cs that received RNAV Mode S that have or will be struck. 8. 60 Prior year EFDS funded kits under GPS OSIP 29-92 9. EFDS Installs include trainers. 10 Final EFDS Quantity of 149 equals 123 active P-3Cs, 16 EP-3 and 10 P-3Cs that received EFDS that have been or will be struck. 11. FY13 TCAS initially funded with Overseas Contingency Operations (OCO). 12. \$66.3M of TCAS budgeted in FY13 was originally an OCO funded request. The funding request fully funds the effort through installation. Based on the nature of this request, the effort is still fully funded in FY13 baseline with installations and support through FY14.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 4 - CNS-ATM(OSIP 013-01)				
Models of Systems Affected: P-3C/EP-3			Type Modification: Operational Improvement/Safety					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
CNS-ATM(OSIP 013-01)													
A Kits													
Recurring													
1.1.1) 5VAC RED LIGHTING BUS - NonOrganic	132 / 0.191	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	132 / 0.191	
1.1.2) 8.33KHZ VHF RADIO - Organic	28 / 0.056	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.056	
1.1.3) ARC-197/210 KIT - Organic	28 / 0.453	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.453	
1.1.4) EFDS - NonOrganic	147 / 9.184	2 / 0.240	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	149 / 9.424	
1.1.5) TCAS - Organic	- / -	- / -	86 / 7.261	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	86 / 7.261	
1.1.6) MLR-2020 (P-ILS) - Organic	75 / 0.310	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	75 / 0.310	
1.1.7) MLR -2020 (Permanent) - Organic	20 / 0.138	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.138	
1.1.8) RNAV/MODE S - NonOrganic	130 / 13.119	6 / 0.690	2 / 0.169	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	138 / 13.978	
Subtotal Recurring	560 / 23.451	8 / 0.930	88 / 7.430	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	656 / 31.811	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 11.093	- / -	- / 4.697	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.790	
Subtotal Non-Recurring	- / 11.093	- / -	- / 4.697	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.790	
B Kits													
Recurring													
2.1.1) 8.33 khz (ARC-210) - Organic	54 / 1.758	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 1.758	
2.1.2) APX-118 (IFF/MODE S) - Organic	5 / 0.137	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.137	
2.1.3) Digital ADC - Organic	286 / 7.632	12 / 0.386	4 / 0.115	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	302 / 8.133	
2.1.4) EFDS - Organic	164 / 13.499	2 / 0.337	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	166 / 13.836	
2.1.5) FMS/CDU 7000 (3 per A/C) - Organic	420 / 19.685	18 / 1.003	6 / 0.322	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	444 / 21.010	
2.1.6) JUMPS UPC - Organic	189 / 0.665	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	189 / 0.665	
2.1.7) MLR-2020 (P-ILS) (2 PER A/C) - Organic	148 / 6.104	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	148 / 6.104	
2.1.8) MLR-2020A-1 Upgrades - Organic	40 / 0.167	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.167	
2.1.9) RINU-G (RNP 4/5) (2 PER A/C) - Organic	8 / 0.111	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.111	
2.1.10) TCAS - NonOrganic	- / -	- / -	86 / 11.977	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	86 / 11.977	
2.1.11) Prior Year Inactive Installations - Organic	69 / 0.201	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	69 / 0.201	
Subtotal Recurring	1,383 / 49.959	32 / 1.726	96 / 12.414	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,511 / 64.099	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 14.549	- / 0.460	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.009	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - CNS-ATM(OSIP 013-01)				
Models of Systems Affected: P-3C/EP-3			Type Modification: Operational Improvement/Safety				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Subtotal Non-Recurring	- / 14.549	- / 0.460	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.009
Total, CNS-ATM(OSIP 013-01)	1,943 / 99.052	40 / 3.116	184 / 24.541	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,167 / 126.709
Total Procurement, All Modifications	1,943 / 99.052	40 / 3.116	184 / 24.541	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,167 / 126.709
Support												
3.1) ADDU MOD FOR OP TRAINERS ECO	18 / 0.093	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.093
3.2) CDU 7000 SERVICE BULLETINS ECO	- / 0.374	- / 0.138	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.512
3.3) JUMPS SOFTWARE ECO	- / 0.670	- / 0.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.412
3.4) TCAS ECO	- / -	- / -	- / 1.954	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.954
3.5) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Data	- / 3.752	- / 0.563	- / 2.432	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.747
3.7) Training Equipment	22 / 1.670	- / 0.268	- / 5.939	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 7.877
3.8) Support Equipment	- / 0.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.055
3.9) ILS	- / 4.074	- / 0.360	- / 6.850	- / 0.055	- / -	- / 0.055	- / -	- / -	- / -	- / -	- / -	- / 11.339
3.10) Other Support	- / 26.072	- / 1.181	- / 4.088	- / 0.327	- / -	- / 0.327	- / -	- / -	- / -	- / -	- / -	- / 31.668
3.11) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	36.760	3.252	21.263	0.382	-	0.382	-	-	-	-	-	61.657
Total Procurement and Support	135.812	6.368	45.804	0.382	-	0.382	-	-	-	-	-	188.366
CNS-ATM(OSIP 013-01) Installation Cost	- / 29.861	- / 2.591	- / 24.766	- / 0.360	- / -	- / 0.360	- / -	- / -	- / -	- / -	- / -	- / 57.578
Total Installation Cost	- / 29.861	- / 2.591	- / 24.766	- / 0.360	- / -	- / 0.360	- / -	- / -	- / -	- / -	- / -	- / 57.578
Total Cost (Procurement + Support + Installation)	165.673	8.959	70.570	0.742	-	0.742	-	-	-	-	-	245.944

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - CNS-ATM(OSIP 013-01)			
Models of Systems Affected: P-3C/EP-3				Type Modification: Operational Improvement/Safety					Related RDT&E PEs:				
Manufacturer Information: CNS-ATM(OSIP 013-01)													
Manufacturer Name: Various - CNS - RNAV MODE S ⁽⁷⁾								Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 3								Production Leadtime (<i>in Months</i>): 10					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates	Dec 2011	Dec 2012											
Delivery Dates	Oct 2012	Oct 2013											
Manufacturer Name: Various - CNS EFDS ⁽⁸⁾								Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 6								Production Leadtime (<i>in Months</i>): 10					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates	Mar 2012												
Delivery Dates	Jan 2013												
Manufacturer Name: Various - CNS 5V Lighting								Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 0								Production Leadtime (<i>in Months</i>): 0					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates													
Delivery Dates													
Manufacturer Name: Various - CNS TCAS ⁽⁹⁾								Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 3								Production Leadtime (<i>in Months</i>): 6					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates		Dec 2012											
Delivery Dates		Jun 2013											
Installation: CNS-ATM(OSIP 013-01)				Method of Implementation: Contractor Field Team					Installation Name: 5VAC RED LIGHTING BUS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
All Prior Years	112 / 0.233	12 / 0.033	8 / 0.022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	132 / 0.288	
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - CNS-ATM(OSIP 013-01)

Models of Systems Affected: P-3C/EP-3				Type Modification: Operational Improvement/Safety				Related RDT&E PEs:				

Installation: CNS-ATM(OSIP 013-01)				Method of Implementation: Contractor Field Team				Installation Name: 5VAC RED LIGHTING BUS				

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	112 / 0.233	12 / 0.033	8 / 0.022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	132 / 0.288

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	112	3	3	3	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	
Out	112	3	3	3	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	

Installation: CNS-ATM(OSIP 013-01)				Method of Implementation: Contractor Field Team				Installation Name: EFDS				

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
All Prior Years	146 / 12.384	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	147 / 12.384
FY 2012	- / -	- / -	2 / 0.245	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.245
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	146 / 12.384	1 / -	2 / 0.245	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	149 / 12.629

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - CNS-ATM(OSIP 013-01)

Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:

Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Contractor Field Team	Installation Name: EFDS

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	146	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	
Out	146	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	

Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Contractor Field Mod Team	Installation Name: RNAV/MODE S

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	102 / 17.244	16 / 2.558	12 / 1.787	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	130 / 21.589
FY 2012	- / -	- / -	6 / 0.894	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.894
FY 2013	- / -	- / -	- / -	2 / 0.360	- / -	2 / 0.360	- / -	- / -	- / -	- / -	- / -	2 / 0.360
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	102 / 17.244	16 / 2.558	18 / 2.681	2 / 0.360	- / -	2 / 0.360	- / -	- / -	- / -	- / -	- / -	138 / 22.843

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	102	10	2	2	2	6	7	5	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138
Out	98	4	10	2	2	2	6	7	5	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138

Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Contractor Field Mod Team	Installation Name: TCAS

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0538 - P-3 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - CNS-ATM(OSIP 013-01)												
Models of Systems Affected: P-3C/EP-3										Type Modification: Operational Improvement/Safety										Related RDT&E PEs:												
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Contractor Field Mod Team										Installation Name: TCAS												
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																				
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																				
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2013	- / -	- / -	43 / 21.818	43 / -	- / -	43 / -	- / -	- / -	- / -	- / -	- / -	86 / 21.818																				
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
Total	- / -	- / -	43 / 21.818	43 / -	- / -	43 / -	- / -	- / -	- / -	- / -	- / -	86 / 21.818																				
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
In	-	-	-	-	-	-	-	21	22	21	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86			
Out	-	-	-	-	-	-	-	-	21	22	21	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86			
Installation: CNS-ATM(OSIP 013-01)													Method of Implementation: Not Installed - 8.33KHZ VHF RADIO										Installation Quantity: 28									
Installation: CNS-ATM(OSIP 013-01)													Method of Implementation: Not Installed - ARC-197/210 KIT										Installation Quantity: 28									
Installation: CNS-ATM(OSIP 013-01)													Method of Implementation: Not Installed - TCAS										Installation Quantity: 86									
Installation: CNS-ATM(OSIP 013-01)													Method of Implementation: Not Installed - MLR-2020 (P-ILS)										Installation Quantity: 75									
Installation: CNS-ATM(OSIP 013-01)													Method of Implementation: Not Installed - MLR -2020 (Permanent)										Installation Quantity: 20									
Installation: CNS-ATM(OSIP 013-01)													Method of Implementation: Not Installed - 8.33 khz (ARC-210)										Installation Quantity: 54									
Installation: CNS-ATM(OSIP 013-01)													Method of Implementation: Not Installed - APX-118 (IFF/MODE S)										Installation Quantity: 5									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - CNS-ATM(OSIP 013-01)
Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - Digital ADC	Installation Quantity: 302
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - EFDS	Installation Quantity: 166
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - FMS/CDU 7000 (3 per A/C)	Installation Quantity: 444
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - JUMPS UPC	Installation Quantity: 189
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - MLR-2020 (P-ILS) (2 PER A/C)	Installation Quantity: 148
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - MLR-2020A-1 Upgrades	Installation Quantity: 40
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - RINU-G (RNP 4/5) (2 PER A/C)	Installation Quantity: 8
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 69
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - ADDU MOD FOR OP TRAINERS ECO	Installation Quantity: 18
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 22
Footnotes: (7) Installs include trainers. FinanI RNAV Mode S quantity reduced to planned A/C retirements. Final quantity of 138 equals 120 active P-3Cs, 16 EP-3 and 2 P-3Cs that received RNAV Mode S that have or will be struck. (8) Installs include trainers. Final quantity of 149 equals 123 active P-3Cs, 16 EP-3 and 10 P-3Cs that received EFDS that have been or will be struck. (9) FY14 installs will be funded with FY13 funding.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - P-3 READINESS IMPROVEMENT(OSIP 004-04)				
Models of Systems Affected: P-3/EP-3			Type Modification: Readiness Improvement					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	223.948	4.442	2.670	-	-	-	-	-	-	-	-	231.060
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	223.948	4.442	2.670	-	-	-	-	-	-	-	-	231.060
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	223.948	4.442	2.670	-	-	-	-	-	-	-	-	231.060
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The purpose of this program is to incorporate a number of cost effective changes to the P-3/EP-3 weapon system, specifically targeting improvements to high cost and maintenance and obsolete readiness degrader items. These improvements are a vital element of the P-3/EP-3 sustainment bridge, significantly enhancing the strategy of a smaller, more ready, more capable P-3/EP-3 force during the bridge to Multi-Mission Maritime Aircraft (MMA). The increased readiness and capabilities that will be realized, support the foundational sustainment bridge elements, specifically operational availability and common configuration. Planned improvements under this Operational, Safety, and Improvement Program cover airframe, propulsion and avionics related subsystems, utilizing Commercial Off-The-Shelf Systems (COTS) technology to the maximum extent practicable to minimize development and procurement costs, and to reduce the time to field the improved systems. The systems identified for replacement include High Frequency (HF) Radio, HF-Internet Protocol (IP), Data Link, InfraRed Detection System, Autopilot, Inter Communication System, Magnetic Anomaly Detector (MAD), and Radar. Additionally, systems being evaluated for replacement include Identification, Friend or Foe Interrogator Set, and Magnetic Tape Recorder/Reproducer.

FY06 Congressional Plus-Up of \$1.0M for Electro-Optics and Communications Upgrade.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:
The Critical Obsolescence Program(COP) Navy Program Decision Memorandum authorizing Milstone-C / Low Rate Initial Production was approved 26 March 2004. The COP Acquisition Decision Memorandum authorizing Full Rate Production was approved 15 March 2006.

Notes:

- HF-IP transferred to Anti-Surface Warfare Improvement Program in OSIP 29-94
- Prior year buy of (3) Digital MAD Kits will not be installed due to cancellation of program.
- FY11/12 Other Support includes Digital Auto Pilot System V1.07 Software development upgrade and test.
- Installation schedule based on Aircraft and Depot level availability.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - P-3 READINESS IMPROVEMENT(OSIP 004-04)
Models of Systems Affected: P-3/EP-3	Type Modification: Readiness Improvement	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 5 - P-3 READINESS IMPROVEMENT(OSIP 004-04)				
Models of Systems Affected: P-3/EP-3			Type Modification: Readiness Improvement					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
P-3 READINESS IMPROVEMENT(OSIP 004-04)													
A Kits													
Recurring													
1.1.1) Auto-Pilot Kit - Organic	136 / 8.785	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 8.785	
1.1.2) Digital MAD System Kit - Organic	3 / 0.076	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.076	
1.1.3) HF Radio/Data Link Kit - Organic	126 / 13.041	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	126 / 13.041	
1.1.4) Infrared Detection Kit (EO/IR) - Organic	56 / 0.994	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 0.994	
1.1.5) Inter Communications Kit - Organic	12 / 0.653	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.653	
Subtotal Recurring	333 / 23.549	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	333 / 23.549	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 5.036	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.036	
Subtotal Non-Recurring	- / 5.036	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.036	
B Kits													
Recurring													
2.1.1) Auto Pilot System - NonOrganic	136 / 35.568	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 35.568	
2.1.2) Digital MAD System - Organic	3 / 1.548	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.548	
2.1.3) HF Radio/Data Link System - NonOrganic	126 / 43.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	126 / 43.587	
2.1.4) Infrared Detection Kit (EO/IR) - Organic	56 / 21.209	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 21.209	
2.1.5) Inter Communications System - Organic	12 / 3.860	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 3.860	
2.1.7) Prior Year Inactive Installations - Organic	60 / 2.527	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 2.527	
Subtotal Recurring	393 / 108.299	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	393 / 108.299	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 15.930	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.930	
Subtotal Non-Recurring	- / 15.930	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.930	
Total, P-3 READINESS IMPROVEMENT(OSIP 004-04)	726 / 152.814	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	726 / 152.814	
Total Procurement, All Modifications	726 / 152.814	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	726 / 152.814	
Support													
3.1) ECO	- / 0.930	- / 0.050	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.080	
3.2) Data	- / 8.019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.019	
3.3) Training Equipment	- / 9.928	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.928	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - P-3 READINESS IMPROVEMENT(OSIP 004-04)				
Models of Systems Affected: P-3/EP-3			Type Modification: Readiness Improvement					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.4) Support Equipment	- / 3.360	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.360
3.5) ILS	- / 6.107	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.607
3.6) Other Support	- / 29.740	- / 1.442	- / 0.465	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 31.647
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	58.084	1.992	0.565	-	-	-	-	-	-	-	-	60.641
Total Procurement and Support	210.898	1.992	0.565	-	-	-	-	-	-	-	-	213.455
P-3 READINESS IMPROVEMENT(OSIP 004-04) Installation Cost	- / 13.050	- / 2.450	- / 2.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.605
Total Installation Cost	- / 13.050	- / 2.450	- / 2.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.605
Total Cost (Procurement + Support + Installation)	223.948	4.442	2.670	-	-	-	-	-	-	-	-	231.060

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - P-3 READINESS IMPROVEMENT(OSIP 004-04)				
Models of Systems Affected: P-3/EP-3			Type Modification: Readiness Improvement				Related RDT&E PEs:					
Manufacturer Information: P-3 READINESS IMPROVEMENT(OSIP 004-04)												
Manufacturer Name: Various - COP HF Radio/Data Link ⁽¹⁰⁾						Manufacturer Location: Various						
Administrative Leadtime (<i>in Months</i>): 0						Production Leadtime (<i>in Months</i>): 0						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Manufacturer Name: Various - COP Digital Auto Pilot ⁽¹¹⁾						Manufacturer Location: Various						
Administrative Leadtime (<i>in Months</i>): 0						Production Leadtime (<i>in Months</i>): 0						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)												
Method of Implementation: Contractor Mod Teams				Installation Name: Auto Pilot System								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
All Prior Years	105 / 7.082	18 / 1.260	13 / 0.910	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 9.252
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	105 / 7.082	18 / 1.260	13 / 0.910	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 9.252

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0538 - P-3 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - P-3 READINESS IMPROVEMENT(OSIP 004-04)											
Models of Systems Affected: P-3/EP-3										Type Modification: Readiness Improvement										Related RDT&E PEs:											
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)										Method of Implementation: Contractor Mod Teams										Installation Name: Auto Pilot System											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	105	5	5	4	4	4	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136
Out	105	5	5	4	4	4	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136

Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)										Method of Implementation: Contractor Mod Teams										Installation Name: HF Radio/Data Link System							
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total														
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)													
All Prior Years		90 / 5.968	18 / 1.190	18 / 1.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	126 / 8.353														
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
Total		90 / 5.968	18 / 1.190	18 / 1.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	126 / 8.353														

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	90	5	5	4	4	5	5	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126
Out	90	5	5	4	4	5	5	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126

Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)										Method of Implementation: Not Installed - Auto-Pilot Kit										Installation Quantity: 136							
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)										Method of Implementation: Not Installed - Digital MAD System Kit										Installation Quantity: 3							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - P-3 READINESS IMPROVEMENT(OSIP 004-04)
Models of Systems Affected: P-3/EP-3	Type Modification: Readiness Improvement	Related RDT&E PEs:
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - HF Radio/Data Link Kit	Installation Quantity: 126
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Infrared Detection Kit (EO/IR)	Installation Quantity: 56
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Inter Communications Kit	Installation Quantity: 12
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Digital MAD System	Installation Quantity: 3
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Infrared Detection Kit (EO/IR)	Installation Quantity: 56
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Inter Communications System	Installation Quantity: 12
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 60
Footnotes: (10) Installation schedule based on Aircraft and Depot level availability. (11) Installation schedule based on Aircraft and Depot Level availability.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 6 - SSI-K(OSIP 005-05)				
Models of Systems Affected: All P-3 T/M/S			Type Modification: Sustainment					Related RDT&E PEs: 0604221N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,266.191	100.285	41.420	26.712	-	26.712	1.332	-	-	-	-	1,435.940
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,266.191	100.285	41.420	26.712	-	26.712	1.332	-	-	-	-	1,435.940
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,266.191	100.285	41.420	26.712	-	26.712	1.332	-	-	-	-	1,435.940
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
The Special Structural Inspection - Kits(SSI-K) Program is an Operational Safety Improvement Program that will capture the P-3/EP-3 aircraft's test demonstrated fatigue life by replacing airframe structural components in fatigue life limiting critical regions of the P-3/EP-3 aircraft to enable the airframe to fully reach its designed service life but will not extend the fatigue life of those aircraft. Unchecked, these problem areas collectively will result in significant loss of aircraft from the operational inventory due to operational and support funding limitations. SSI-K will manufacture and install a structural mod / replacement kit for P-3 outer wing, center box and other components. Aircraft that have received an Enhanced Special Structural Inspection require only the Center Box subset of an SSI-K. These Center Box subset install kits are shown separately.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												
Program is in full rate production.												
Notes:												
1. No Install Costs associated with Rotable Pool Outer Wing Kits.												
2. EP SSI-K Kits have been included in SSI-K Kit Line and Zone 5 Mitigation Kit Line.												
3. FY-09 Overseas Contingency Operations (OCO) funds 6 Zone 5 Installs in FY-09 and 6 Zone 5 Installs in FY-10.												
4. FY-10 OCO funds 2 Outer Wing Installs in FY-10 and 6 Outer Wing Installs in FY-11.												
5. 12 SSI-K Installs are for EP-3 aircraft												
6. FY08 Outer Wing Kits procured with FY08 Supplemental Funds												
7. Reduction in FY11 Outer Wing install quantities reflects \$35M Congressional Mark.												
8. 27 Zone 5 Installs funded with FY08 Supplemental; 3 in FY08 and 24 in FY09												
9. 12 Zone 5 Installs funded with FY09 OCO; 6 in FY09 and 6 in FY10												
10. 12 Zone 5 Installs are for EP-3 aircraft												
11. FY15 Other Support Costs required to support completion of long lead time installations.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 6 - SSI-K(OSIP 005-05)
Models of Systems Affected: All P-3 T/M/S	Type Modification: Sustainment	Related RDT&E PEs: 0604221N

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 6 - SSI-K(OSIP 005-05)				
Models of Systems Affected: All P-3 T/M/S			Type Modification: Sustainment					Related RDT&E PEs: 0604221N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
SSI-K(OSIP 005-05)												
A Kits												
Recurring												
1.1.1) Center Box Kit - NonOrganic	18 / 5.811	3 / 2.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 7.933
1.1.2) Zone 5 Mitigation Kit - NonOrganic	30 / 11.518	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 11.518
1.1.3) Outer Wing Replacement Kit - NonOrganic	12 / 150.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 150.004
1.1.4) Rotable Pool Outer Wing Kit - Organic	3 / 3.435	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.435
1.1.5) SSI-K Kits (A-Kits) - NonOrganic	69 / 56.006	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	69 / 56.006
1.1.6) Supplemental SSIK Kit - NonOrganic	13 / 10.101	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 10.101
1.1.7) Supplemental Zone 5 Kit - NonOrganic	36 / 15.286	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 15.286
1.1.8) Supplemental Center Box Kit - NonOrganic	24 / 5.719	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 5.719
1.1.9) Supplemental OW Replacement Kit - NonOrganic	17 / 210.333	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 210.333
1.1.10) Supplemental Rotable Pool OW Kit - Organic	4 / 10.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 10.055
Subtotal Recurring	226 / 478.268	3 / 2.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	229 / 480.390
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 9.708	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.708
Subtotal Non-Recurring	- / 9.708	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.708
Total, SSI-K(OSIP 005-05)	226 / 487.976	3 / 2.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	229 / 490.098
Total Procurement, All Modifications	226 / 487.976	3 / 2.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	229 / 490.098
Support												
3.1) Center Wing Fabrication ECO	- / 0.075	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.075
3.2) SSI-K Kit ECP ECO	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300
3.3) Outer Wing Kit ECP ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Data	- / 1.634	- / 0.639	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.273
3.5) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Support Equipment	- / 16.953	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.953
3.7) ILS	- / 8.331	- / 0.744	- / 0.631	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.706
3.8) Other Support	- / 75.252	- / 5.305	- / 2.480	- / 0.753	- / -	- / 0.753	- / 1.332	- / -	- / -	- / -	- / -	- / 85.122
3.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	102.545	6.688	3.111	0.753	-	0.753	1.332	-	-	-	-	114.429
Total Procurement and Support	590.521	8.810	3.111	0.753	-	0.753	1.332	-	-	-	-	604.527

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 6 - SSI-K(OSIP 005-05)			
Models of Systems Affected: All P-3 T/M/S			Type Modification: Sustainment					Related RDT&E PEs: 0604221N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	SSI-K(OSIP 005-05) Installation Cost	- / 675.670	- / 91.475	- / 38.309	- / 25.959	- / -	- / 25.959	- / -	- / -	- / -	- / -	- / 831.413
	Total Installation Cost	- / 675.670	- / 91.475	- / 38.309	- / 25.959	- / -	- / 25.959	- / -	- / -	- / -	- / -	- / 831.413
	Total Cost (Procurement + Support + Installation)	1,266.191	100.285	41.420	26.712	-	26.712	1.332	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - SSI-K(OSIP 005-05)			
Models of Systems Affected: All P-3 T/M/S					Type Modification: Sustainment					Related RDT&E PEs: 0604221N			
Manufacturer Information: SSI-K(OSIP 005-05)													
Manufacturer Name: Various - SSIK/SSI-K Kits ⁽¹²⁾								Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 0								Production Leadtime (<i>in Months</i>): 0					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates													
Delivery Dates													
Manufacturer Name: Various - SSIK Center Box								Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 3								Production Leadtime (<i>in Months</i>): 12					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates	Dec 2011												
Delivery Dates	Dec 2012												
Manufacturer Name: Various - SSIK Outer Wing Replacement Kits ⁽¹³⁾								Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 0								Production Leadtime (<i>in Months</i>): 0					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates													
Delivery Dates													
Manufacturer Name: Various - SSIK Zone 5 Mitigation Kits ⁽¹⁴⁾								Manufacturer Location: Various					
Administrative Leadtime (<i>in Months</i>): 0								Production Leadtime (<i>in Months</i>): 0					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates													
Delivery Dates													
Installation: SSI-K(OSIP 005-05)													
Method of Implementation: Contractor Field Mod Team													
Installation Name: Center Box													
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
All Prior Years	31 / 19.598	11 / 7.095	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 26.693	
FY 2012	- / -	- / -	3 / 2.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 2.280	
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0538 - P-3 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - SSI-K(OSIP 005-05)	
Models of Systems Affected: All P-3 T/M/S		Type Modification: Sustainment		Related RDT&E PEs: 0604221N	

Installation: SSI-K(OSIP 005-05)				Method of Implementation: Contractor Field Mod Team				Installation Name: Center Box				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	31 / 19.598	11 / 7.095	3 / 2.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 28.973

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	31	1	3	3	4	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	
Out	28	1	1	1	1	4	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	

Installation: SSI-K(OSIP 005-05)				Method of Implementation: Contractor Field Mod Team				Installation Name: Zone 5 Mitigation Kits				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	52 / 197.847	11 / 43.697	2 / 7.945	1 / 3.900	0 / 0.000	1 / 3.900	- / -	- / -	- / -	- / -	- / -	66 / 253.389
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	52 / 197.847	11 / 43.697	2 / 7.945	1 / 3.900	- / -	1 / 3.900	- / -	- / -	- / -	- / -	- / -	66 / 253.389

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 6 - SSI-K(OSIP 005-05)									
Models of Systems Affected: All P-3 T/M/S					Type Modification: Sustainment					Related RDT&E PEs: 0604221N									

Installation: SSI-K(OSIP 005-05)										Method of Implementation: Contractor Field Mod Team										Installation Name: Zone 5 Mitigation Kits									

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	52	3	3	3	2	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
Out	49	-	1	2	3	3	3	2	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66

Installation: SSI-K(OSIP 005-05)			Method of Implementation: Contractor Field Mod Team					Installation Name: Outer Wing Replacement Kits				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	All Prior Years	9 / 41.405	5 / 24.500	4 / 19.800	3 / 14.100	0 / 0.000	3 / 14.100	- / -	- / -	- / -	- / -	21 / 99.805
	FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
	FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
	FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
	FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
	FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
	FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total	9 / 41.405	5 / 24.500	4 / 19.800	3 / 14.100	- / -	3 / 14.100	- / -	- / -	- / -	- / -	- / -	21 / 99.805

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	9	-	-	2	3	-	3	1	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
Out	2	-	3	4	-	-	2	3	1	1	2	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21

Installation: SSI-K(OSIP 005-05)				Method of Implementation: Contractor Field Mod Team					Installation Name: SSI-K Kits				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
	All Prior Years	78 / 416.820	2 / 16.183	1 / 8.284	1 / 7.959	0 / 0.000	1 / 7.959	- / -	- / -	- / -	- / -	82 / 449.246	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0538 - P-3 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - SSI-K(OSIP 005-05)											
Models of Systems Affected: All P-3 T/M/S										Type Modification: Sustainment										Related RDT&E PEs: 0604221N											
Installation: SSI-K(OSIP 005-05)										Method of Implementation: Contractor Field Mod Team										Installation Name: SSI-K Kits											
Installation Cost										Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total										
										Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)						
FY 2012										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
FY 2013										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
FY 2014										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
FY 2015										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
FY 2016										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
FY 2017										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
FY 2018										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
To Complete										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -													
Total										78 / 416.820	2 / 16.183	1 / 8.284	1 / 7.959	- / -	1 / 7.959	- / -	- / -	- / -	82 / 449.246												
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	78	1	1	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82
Out	72	3	3	1	1	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82
Installation: SSI-K(OSIP 005-05)										Method of Implementation: Not Installed - Rotable Pool Outer Wing Kit										Installation Quantity: 3											
Installation: SSI-K(OSIP 005-05)										Method of Implementation: Not Installed - Supplemental Rotable Pool OW Kit										Installation Quantity: 4											
Footnotes: (12) 12 SSI-K Installs are for EP-3 Aircraft (13) FY Outer Wing Kits procured with FY08 Supplemental Funds; FY10 OCO funds 2 Outer Wing installs in FY10 and 6 Outer Wing installs in FY-11; Reduction in FY11 install quantities reflects \$35M Congressional Mark. (14) 27 Zone 5 installs funded with FY08 Supplemental; 3 in FY08 and 24 in FY09. 12 Zone 5 Installs funded with FY09 OCO; 6 in FY09 and 6 in FY10. 12 Zone 5 Installs are for EP-3 aircraft.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - PROJECT K-0416(OSIP 005-07)				
Models of Systems Affected: P-3C			Type Modification: Operational Improvement				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	11.453	2.053	2.160	2.164	-	2.164	-	-	-	-	-	17.830
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	11.453	2.053	2.160	2.164	-	2.164	-	-	-	-	-	17.830
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	11.453	2.053	2.160	2.164	-	2.164	-	-	-	-	-	17.830
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Chief of Naval Operations (CNO) Project K-0416 program provides a rapid response Anti-Submarine Warfare intelligence collection, analysis, and reporting system program focused on operational plan specific threat submarines, both conventional and nuclear. CNO K-0416 mission is to place high quality calibrated data on tape for subsequent exploitation and analysis. It is essential for submarine prosecution in deep and littoral water conditions in support of the Sea Shield/Sea Power 21. The program accomplishes this by introducing advanced collection avionics that operate with special calibrated sensors to provide threat target data for tactical, Science and Technology (S&T), and weapon design uses. The Sound Pressure Level Collection Suite that is installed on the P-3's contains several Weapons Replaceable Assembly, both fabricated & procured. The Suite includes a Bathythermograph(BT) Recorder and other pieces of Avionics. CNO K-0416 will modify P-3 Platforms, forward sited laboratories, and select forward deployed sites with these collection avionics to provide tactical and S&T Intelligence. Prime performer is the Naval Air Warfare Center (NAWC), Patuxent River. NAWC performs system integration, material acquisition, fabrication, and installation of collection systems. CNO project K-0416 transferred to Operational, Safety, and Improvement Program 002-15 (P-8A) commencing in FY15.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 7 - PROJECT K-0416(OSIP 005-07)					
Models of Systems Affected: P-3C				Type Modification: Operational Improvement				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
PROJECT K-0416(OSIP 005-07)													
A Kits													
Recurring													
1.1.1) BT Tape Recorders - Organic	34 / 3.003	6 / 0.625	6 / 0.637	6 / 0.649	- / -	6 / 0.649	- / -	- / -	- / -	- / -	- / -	52 / 4.914	
Subtotal Recurring	34 / 3.003	6 / 0.625	6 / 0.637	6 / 0.649	- / -	6 / 0.649	- / -	- / -	- / -	- / -	- / -	52 / 4.914	
Non-Recurring													
1.2.1) Installation Kit N/R - Organic	- / 0.492	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 0.792	
Subtotal Non-Recurring	- / 0.492	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 0.792	
B Kits													
Recurring													
2.1.1) BT Tape Recorders - NonOrganic	34 / 4.504	6 / 0.937	6 / 0.956	6 / 0.975	- / -	6 / 0.975	- / -	- / -	- / -	- / -	- / -	52 / 7.372	
Subtotal Recurring	34 / 4.504	6 / 0.937	6 / 0.956	6 / 0.975	- / -	6 / 0.975	- / -	- / -	- / -	- / -	- / -	52 / 7.372	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 0.394	- / 0.038	- / 0.038	- / 0.038	- / -	- / 0.038	- / -	- / -	- / -	- / -	- / -	- / 0.508	
Subtotal Non-Recurring	- / 0.394	- / 0.038	- / 0.038	- / 0.038	- / -	- / 0.038	- / -	- / -	- / -	- / -	- / -	- / 0.508	
Total, PROJECT K-0416(OSIP 005-07)	68 / 8.393	12 / 1.700	12 / 1.731	12 / 1.762	- / -	12 / 1.762	- / -	- / -	- / -	- / -	- / -	104 / 13.586	
Total Procurement, All Modifications	68 / 8.393	12 / 1.700	12 / 1.731	12 / 1.762	- / -	12 / 1.762	- / -	- / -	- / -	- / -	- / -	104 / 13.586	
Support													
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.893	- / 0.064	- / 0.100	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 1.157	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / 0.855	- / 0.058	- / 0.098	- / 0.092	- / -	- / 0.092	- / -	- / -	- / -	- / -	- / -	- / 1.103	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	1.748	0.122	0.198	0.192	-	0.192	-	-	-	-	-	2.260	
Total Procurement and Support	10.141	1.822	1.929	1.954	-	1.954	-	-	-	-	-	15.846	
PROJECT K-0416(OSIP 005-07) Installation Cost	- / 1.312	- / 0.231	- / 0.231	- / 0.210	- / -	- / 0.210	- / -	- / -	- / -	- / -	- / -	- / 1.984	
Total Installation Cost	- / 1.312	- / 0.231	- / 0.231	- / 0.210	- / -	- / 0.210	- / -	- / -	- / -	- / -	- / -	- / 1.984	
Total Cost (Procurement + Support + Installation)	11.453	2.053	2.160	2.164	-	2.164	-	-	-	-	-	17.830	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 7 - PROJECT K-0416(OSIP 005-07)
Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0538 - P-3 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - PROJECT K-0416(OSIP 005-07)											
Models of Systems Affected: P-3C										Type Modification: Operational Improvement										Related RDT&E PEs:											
Manufacturer Information: PROJECT K-0416(OSIP 005-07)																															
Manufacturer Name: Various - K0416 BT Recorders															Manufacturer Location: Various																
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 4																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Nov 2011				Nov 2012				Nov 2013																					
Delivery Dates		Mar 2012				Mar 2013				Mar 2014																					
Installation: PROJECT K-0416(OSIP 005-07)										Method of Implementation: [none specified]										Installation Name: BT Tape Recorders											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		34 / 1.312		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		34 / 1.312					
FY 2012		- / -		6 / 0.231		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.231					
FY 2013		- / -		- / -		6 / 0.231		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.231					
FY 2014		- / -		- / -		- / -		6 / 0.210		- / -		6 / 0.210		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.210					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		34 / 1.312		6 / 0.231		6 / 0.231		6 / 0.210		- / -		6 / 0.210		- / -		- / -		- / -		- / -		- / -		- / -		52 / 1.984					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	34	-	2	2	2	-	2	2	2	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
Out	34	-	2	2	2	-	2	2	2	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
Installation: PROJECT K-0416(OSIP 005-07)										Method of Implementation: Not Installed - BT Tape Recorders										Installation Quantity: 52											

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 8 - P-3 MISSION SYSTEMS(OSIP 006-08)				
Models of Systems Affected: P-3C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	29.833	9.159	5.551	1.349	-	1.349	4.374	6.052	3.332	3.325	-	62.975
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	29.833	9.159	5.551	1.349	-	1.349	4.374	6.052	3.332	3.325	-	62.975
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	29.833	9.159	5.551	1.349	-	1.349	4.374	6.052	3.332	3.325	-	62.975
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The Navy's Maritime Patrol and Reconnaissance Force (primarily P-3C Orion aircraft) provides three deliverables to Navy and Joint commanders worldwide: Undersea warfare; Intelligence Surveillance, and Reconnaissance; and Maritime Surveillance Targeting. The P-3C Mission Systems Sustainment program will ensure that the P-3C aircraft continues to meet the Navy's requirement to perform Anti-Submarine Warfare (ASW), Anti-Surface Warfare (ASUW), Over-the-Horizon Targeting (OTH-T), and Command, Control, Communications, Computers, and Intelligence (C4I) until Full Operational Capability (FOC) of Multi-Mission Maritime Aircraft(MMA) is achieved (2019). Sustaining the sensor capabilities provided by the APS-137D (V) 5 imaging radar, the Advanced Imaging Multi-Spectral Sensor (AIMS) electro optical/infrared(EO/IR) system, ALR 95 Electronic Support Measures(ESM), Tactical Common Data Link (TCDL), small circular area of probability weapon system (Maverick, Standoff Land Attack Missile(SLAM), SLAM-Extended Range, provisions to carry and launch all Mil Std 1760 Digital weapons with Digital Stores Management System(DSMS), Block Modification Upgrade Program(BMUP) Sustainment, Fleet Response, P-3 Obsolescence Upgrades, ALE-47/AAR-47 missile warning countermeasures due to obsolescence is essential in order to maintain these vital capabilities. Additional systems and capabilities may be required in order to remain effective in the Sea Power 21 Construct. These systems include: APS-137 radar; Acoustic systems, AIMS EO/IR; Multi-Mission Advanced Tactical Terminal; Link 16; Global Communication & Control System - Maritime (GCCS-M); Integrated Tactical Picture (ITP); International Marine/Maritime Satellite; Precision Targeting Workstation (PTW); Over-the-Horizon Airborne Sensor Information System; Video Distribution Controller (VDC); Tactical Mission Computer(TMC); ALR-95 ESM; Demand Assigned Multiple Access(DAMA) Satcom; MST; TCDL; Recorders including the High Resolution Digital Recorder; ALE47/AAR47; Digital Stores Management System (DSMS), Advanced Data Storage System (ADSS); all weapon systems including missiles, torpedoes, mines, as well as acoustic system upgrades. These improvements are a vital element of the P-3 sustainment bridge for mission aircraft, including Anti-surface Warfare Improvement Program(AIP) and BMUP, significantly enhancing the strategy of a smaller, more ready, more capable P-3 force during the bridge to MMA. P-3 C Mission Systems Sustainment is a branch of the ASW Maritime Improvement program (AMIP) to provide for obsolescence, technology refresh and technology insertion to P-3C mission systems.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: This modification makes maximum use of previously developed subsystems.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (Modification Number - Modification Title): 8 - P-3 MISSION SYSTEMS(OSIP 006-08)
Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (Modification Number - Modification Title): 8 - P-3 MISSION SYSTEMS(OSIP 006-08)				
Models of Systems Affected: P-3C			Type Modification: Operational Improvement				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
P-3 MISSION SYSTEMS(OSIP 006-08)												
B Kits												
Recurring												
2.1.1) BMUP Tech Refresh/Insertion - Organic	- / -	- / -	- / -	- / -	- / -	- / -	3 / 2.100	3 / 2.094	2 / 1.396	2 / 1.419	- / -	10 / 7.009
2.1.2) ADSS w/OASIS Functionality (IP Replacement) - Organic ⁽¹⁵⁾	25 / 2.672	- / -	14 / 2.088	1 / 0.171	- / -	1 / 0.171	- / -	- / -	- / -	- / -	- / -	40 / 4.931
2.1.3) APS 137 Radar Tech Refresh/Insertion - Organic ⁽¹⁶⁾	- / -	63 / 1.359	76 / 2.325	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	139 / 3.684
2.1.5) Tactical Mission Computer - Organic	55 / 2.400	17 / 0.730	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 3.130
2.1.8) Integrated Tactical Picture - Organic	16 / 0.384	16 / 0.350	8 / 0.196	4 / 0.098	- / -	4 / 0.098	- / -	- / -	- / -	- / -	- / -	44 / 1.028
2.1.9) Advanced Data Storage System - Organic	- / -	8 / 0.100	4 / 0.050	4 / 0.054	- / -	4 / 0.054	- / -	- / -	- / -	- / -	- / -	16 / 0.204
2.1.10) BMUP Sustainment Upgrades - Organic	- / -	8 / 0.100	4 / 0.050	4 / 0.054	- / -	4 / 0.054	- / -	- / -	- / -	- / -	- / -	16 / 0.204
2.1.11) Fleet Response - Organic	- / -	14 / 0.100	7 / 0.050	7 / 0.054	- / -	7 / 0.054	7 / 0.056	8 / 0.070	- / -	- / -	- / -	43 / 0.330
2.1.12) P-3 Obsolescence Upgrades - Organic	- / -	14 / 0.100	7 / 0.050	7 / 0.054	- / -	7 / 0.054	7 / 0.056	8 / 0.070	- / -	- / -	- / -	43 / 0.330
Subtotal Recurring	96 / 5.456	140 / 2.839	120 / 4.809	27 / 0.485	- / -	27 / 0.485	17 / 2.212	19 / 2.234	2 / 1.396	2 / 1.419	- / -	423 / 20.850
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 6.848	- / 3.773	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.621
Subtotal Non-Recurring	- / 6.848	- / 3.773	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.621
Total, P-3 MISSION SYSTEMS(OSIP 006-08)	96 / 12.304	140 / 6.612	120 / 4.809	27 / 0.485	- / -	27 / 0.485	17 / 2.212	19 / 2.234	2 / 1.396	2 / 1.419	- / -	423 / 31.471
Total Procurement, All Modifications	96 / 12.304	140 / 6.612	120 / 4.809	27 / 0.485	- / -	27 / 0.485	17 / 2.212	19 / 2.234	2 / 1.396	2 / 1.419	- / -	423 / 31.471
Support												
3.1) ECO ⁽¹⁷⁾	- / 2.762	- / 0.587	- / 0.252	- / 0.221	- / -	- / 0.221	- / 0.434	- / 1.061	- / 0.355	- / 0.354	- / -	- / 6.026
3.2) Data ⁽¹⁸⁾	- / 0.263	- / 0.101	- / -	- / -	- / -	- / -	- / 0.050	- / 0.300	- / 0.100	- / 0.100	- / -	- / 0.914
3.3) Training Equipment ⁽¹⁹⁾	- / 1.095	- / 0.049	- / 0.025	- / -	- / -	- / -	- / 0.050	- / 0.300	- / -	- / -	- / -	- / 1.519
3.4) Support Equipment	- / 0.200	- / 0.049	- / 0.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.274
3.5) ILS ⁽²⁰⁾	- / 0.200	- / 0.101	- / 0.050	- / 0.075	- / -	- / 0.075	- / 0.050	- / 0.555	- / 0.100	- / 0.100	- / -	- / 1.231
3.6) Other Support ⁽²¹⁾	- / 13.009	- / 1.660	- / 0.390	- / 0.568	- / -	- / 0.568	- / 1.578	- / 1.602	- / 1.381	- / 1.352	- / -	- / 21.540
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	17.529	2.547	0.742	0.864	-	0.864	2.162	3.818	1.936	1.906	-	31.504

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - P-3 MISSION SYSTEMS(OSIP 006-08)			
Models of Systems Affected: P-3C				Type Modification: Operational Improvement						Related RDT&E PEs:			
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Total Procurement and Support</i>	29.833	9.159	5.551	1.349	-	1.349	4.374	6.052	3.332	3.325	-	62.975	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	29.833	9.159	5.551	1.349	-	1.349	4.374	6.052	3.332	3.325	-	62.975	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0538 - P-3 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - P-3 MISSION SYSTEMS(OSIP 006-08)	
Models of Systems Affected: P-3C			Type Modification: Operational Improvement			Related RDT&E PEs:	
Manufacturer Information: P-3 MISSION SYSTEMS(OSIP 006-08)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)			Method of Implementation: Not Installed - BMUP Tech Refresh/ Insertion			Installation Quantity: 10	
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)			Method of Implementation: Not Installed - ADSS w/OASIS Functionality (IP Replacement)			Installation Quantity: 40	
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)			Method of Implementation: Not Installed - APS 137 Radar Tech Refresh/Insertion			Installation Quantity: 139	
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)			Method of Implementation: Not Installed - Tactical Mission Computer			Installation Quantity: 72	
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)			Method of Implementation: Not Installed - Integrated Tactical Picture			Installation Quantity: 44	
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)			Method of Implementation: Not Installed - Advanced Data Storage System			Installation Quantity: 16	
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)			Method of Implementation: Not Installed - BMUP Sustainment Upgrades			Installation Quantity: 16	
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)			Method of Implementation: Not Installed - Fleet Response			Installation Quantity: 43	
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)			Method of Implementation: Not Installed - P-3 Obsolescence Upgrades			Installation Quantity: 43	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - P-3 MISSION SYSTEMS(OSIP 006-08)
Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
Footnotes: (15) FY13 to 14 - Unit Cost increase due to Economic Order Quantity (14 in FY13; 1 in FY14) (16) Total Quantity for APS-137 includes FY12: 42 Mod of Spares and 21 Kits and FY13: 22 Mod of Spares and 54 Kits. (17) Increased costs for ECO are required to complete support of P3 Mission Systems Obsolescence modifications as the P3 transitions to P8 (18) Increased costs for Data are required to complete support of P3 Mission Systems Obsolescence modifications as the P3 transitions to P8 (19) Increased costs for Training Equipment are required to complete support of P3 Mission Systems Obsolescence modifications as the P3 transitions to P8 (20) Increased costs for ILS are required to complete support of P3 Mission Systems Obsolescence modifications as the P3 transitions to P8 (21) Increased costs for Other Support are required to complete support of P3 Mission Systems Obsolescence modifications as the P3 transitions to P8		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	125.400	-	-	-	-	-	-	-	-	-	-	125.400
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	125.400	-	-	-	-	-	-	-	-	-	-	125.400
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	125.400	-	-	-	-	-	-	-	-	-	-	125.400
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Inactive OSIPs													
B Kits													
Non-Recurring													
2.2.1) Inactive OSIPs - Organic	- / 125.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 125.400	
<i>Subtotal Non-Recurring</i>	- / 125.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 125.400	
<i>Total, Inactive OSIPs</i>	- / 125.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 125.400	
<i>Total Procurement, All Modifications</i>	- / 125.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 125.400	
Support													
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Total Support, All Modifications</i>	0.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Procurement and Support</i>	125.400	-	-	-	-	-	-	-	-	-	-	125.400	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	125.400	-	-	-	-	-	-	-	-	-	-	125.400	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0538 - P-3 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:	
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - DAWDF REALIGNMENT			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1.043	-	-	-	-	-	-	-	-	-	-	1.043
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1.043	-	-	-	-	-	-	-	-	-	-	1.043
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1.043	-	-	-	-	-	-	-	-	-	-	1.043
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (Modification Number - Modification Title): 10 - DAWDF REALIGNMENT				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
DAWDF REALIGNMENT												
B Kits												
Non-Recurring												
2.2.1) DAWDF REALIGNMENT - Organic	- / 1.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.043
Subtotal Non-Recurring	- / 1.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.043
Total, DAWDF REALIGNMENT	- / 1.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.043
Total Procurement, All Modifications	- / 1.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.043
Support												
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-
Total Procurement and Support	1.043	-	-	-	-	-	-	-	-	-	-	1.043
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	1.043	-	-	-	-	-	-	-	-	-	-	1.043

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0538 - P-3 Series			Modification Nomenclature (Modification Number - Modification Title): 10 - DAWDF REALIGNMENT	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: DAWDF REALIGNMENT							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: DAWDF REALIGNMENT		Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0544 - E-2 Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s): 172,276,554

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,358.374	29.131	16.322	31.044	-	31.044	37.158	37.527	43.119	95.335	349.527	1,997.537
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,358.374	29.131	16.322	31.044	-	31.044	37.158	37.527	43.119	95.335	349.527	1,997.537
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,358.374	29.131	16.322	31.044	-	31.044	37.158	37.527	43.119	95.335	349.527	1,997.537
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to the E-2 aircraft. The E-2 is an all weather, carrier based, airborne early warning and command and control aircraft that extends task force defense perimeters by providing early warning of approaching enemy units and by vectoring interceptors into attack position. Additionally, the HAWKEYE provides strike control, radar surveillance, search and rescue assistance, communications relay and automatic tactical data exchange. The E-2 aircraft design service life is 10,000 flight hours with an average service life remaining through FY2020. The E-2 is a critical element of the Navy's Cooperative Engagement Capability (CEC). As the result of technological advancements, the Commercial-Off-The-Shelf (COTS) hardware/software of the Mission Computer (MCU) will change or become obsolete in the very near future.

The Technology Insertion Operational, Safety and Improvement Program (OSIP) (5-01) supports assembly, validation and configuration management of COTS hardware and software of the MCU. High Frequency Internet-Protocol OSIP (2-10) provides Internet-Protocol Networking capability to 31 E-2C (Hawkeye 2000/MCU) aircraft, utilizing existing High Frequency radio set and new airborne Advanced Digital Networking System Internet Protocol router/gateway. The Critical Avionics OSIP (12-10) funds the obsolescence and hazard mitigation efforts for all primary and secondary sensors, communication media and basic navigation aids. The Automatic Identification System (AIS) OSIP (2-11), will integrate this system into the E-2 mission computer and provide for a means to transfer AIS data from the aircraft to the warships inflight. The Radar Improvement program OSIP (5-11) supports portions of it's APS-145 Radar architecture dated from the 1960s and serious obsolescence issues are expected to disrupt normal operations if left unmitigated. The Dual Transmit Satellite Communications OSIP (8-14), provides the E-2 with an additional Satellite Communications radio satisfying a capability gap that is identified in Operation Enduring Freedom. The MODE 5/S OSIP (9-14) replaces the National Security Administration (NSA) de-certified Mode 4 Identification Friend or Foe (IFF) capability, which is no longer effective or suitable for modern military operations. Mode 5/S will support the Joint Initial Operational Capability as defined by the Joint Requirements Oversight Council. The CEC Upgrade OSIP (10-14), will procure CEC Signal Data Processors (SDP) and install kits. The CEC SDP corrects the reliability and availability issues noted during USG-3 Operational Evaluation in addition to CEC Crypto Modernization for the E-2C aircraft. The E-2D Avionics OSIP (11-14) will fund the ARC-210 Gen 5 and Multifunctional Information Distribution System - Low Volume Terminal upgrades required to remain compliant with NSA Directives, as well as Ultra High Frequency (UHF) Guard Radio upgrades which allows the aircrew to monitor the emergency UHF Frequency (243 MHz). The E-2D Upper Transponder Antenna OSIP (3-15), will complete the integration of the APX-123 Mode 5/S IFF transponder capability. Mode 5/S replaces de-certified Mode 4 and civilian Mark XII IFF allowing the E-2D to operate worldwide with modern civilian and military air traffic management systems as required by the Chief of Naval Operations Communications, Navigation, Surveillance/Air Traffic Management (CNS/ATM) mandate. The LINK-16 OSIP (1-17), will address E-2C flight and mission critical avionics obsolescence and fact-of-life sustainment issues required to maintain current operational capabilities. The E-2D Aircraft Airframe Change Directives (ACDs) OSIP (2-17), will retrofit Initial Operational Test and Evaluation (IOT&E) ACDs and Engineering Change Proposals (ECPs) into the E-2D Low Rate Production (LRIP) aircraft. The E-2D Integrated Broadcast Service-Universal

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0544 - E-2 Series									

ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									

MDAP/MAIS Code(s): 172,276,554

Serial Bus-Embedded National Tactical Receiver (IBS-USB-ENTR) OSIP (3-17), will procure and install kits to provide the E-2D with the capability to receive IBS intelligence data from national assets for real-time, emergent threat or Combat ID data, compressing tactical engagement timeline for both Naval Integrated Fire Control - Counter Air (NIFC-CA) kill chains. The E-2D AIS OSIP (4-17), will provide enhanced maritime target Combat ID capability in support of Battlefield Management, Command and Control (BMC2) and Surface Warfare (SUW) mission capability. The E-2D Multifunctional Information Distribution System/Joint Tactical Radio System and Tactical Targeting Network Targeting OSIP (1-18) wave form will integrate the current E-2D Link-16 data link architecture with a time-sensitive targeting technology. The E-2D In-Flight Refueling (IFR) OSIP (2-18), will allow the E-2 to receive fuel from various organic and non-organic tanker aircraft. It will provide Expanded Battle Space Surveillance and Targeting through significantly enhanced persistence and increased flexibility (range & endurance). The E-2D Secret Internet Protocol Router Chat OSIP (3-18), will support the integration of current collaboration tools including tactical "chat" (text) communications, real-time tasking, and Air Tasking Order distribution. Recent real world operations have demonstrated a migration of Command and Control communications from voice to Internet protocol based networks.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - 005-01 Technology Insertion	P3A				93.123			7.169			5.623			8.330			-			8.330
2 - 002-10 High Frequency Internet Protocol	P3A				2.630			1.499			1.617			-			-			-
3 - 012-10 Critical Avionics	P3A				44.556			16.128			5.816			2.712			-			2.712
4 - 002-11 Universal Automatic Information System	P3A				0.634			0.100			0.100			-			-			-
5 - 005-11 Radar Improvement Program	P3A				3.594			4.235			3.166			3.050			-			3.050
6 - 008-14 Dual Transmit SATCOM	P3A				0.000			-			-			2.811			-			2.811
7 - 009-14 MODE 5/S	P3A				0.000			-			-			4.415			-			4.415
8 - 010-14 CEC Upgrade	P3A				0.000			-			-			7.999			-			7.999
9 - 011-14 E-2D Avionics	P3A				0.000			-			-			1.727			-			1.727
10 - 003-15 E-2D Upper Transponder Antenna	P3A				0.000			-			-			-			-			-
11 - 001-17 LINK 16 (MIDS/ JTIDS for E-2C)	P3A				0.000			-			-			-			-			-
12 - 002-17 E-2D Aircraft ACD's	P3A				0.000			-			-			-			-			-
13 - 003-17 E-2D IBS-USB-ENTR	P3A				0.000			-			-			-			-			-
14 - 004-17 E-2D AIS	P3A				0.000			-			-			-			-			-
15 - 001-18 E-2D MIDS/ JTRS TTNT	P3A				0.000			-			-			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0544 - E-2 Series										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:							Other Related Program Elements:							
MDAP/MAIS Code(s): 172,276,554																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
16 - 002-18 E-2D IFR	P3A				0.000			-			-			-			-			-
17 - 003-18 E-2D SIPR CHAT	P3A				0.000			-			-			-			-			-
18 - Inactive OSIPs	P3A				1,213.837			-			-			-			-			-
Total Gross/Weapon System Cost					1,358.374			29.131			16.322			31.044			-			31.044
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - 005-01 Technology Insertion	P3A				10.132			10.399			11.098			11.282			42.599			199.755
2 - 002-10 High Frequency Internet Protocol	P3A				-			-			-			-			-			5.746
3 - 012-10 Critical Avionics	P3A				-			-			-			-			-			69.212
4 - 002-11 Universal Automatic Information System	P3A				-			-			-			-			-			0.834
5 - 005-11 Radar Improvement Program	P3A				2.800			0.466			-			-			-			17.311
6 - 008-14 Dual Transmit SATCOM	P3A				2.744			6.546			3.587			11.185			4.605			31.478
7 - 009-14 MODE 5/S	P3A				3.322			3.432			3.945			3.383			2.914			21.411
8 - 010-14 CEC Upgrade	P3A				10.428			7.776			4.844			4.783			1.480			37.310
9 - 011-14 E-2D Avionics	P3A				6.157			6.920			8.047			3.446			9.781			36.078
10 - 003-15 E-2D Upper Transponder Antenna	P3A				1.575			1.988			1.969			2.004			3.563			11.099
11 - 001-17 LINK 16 (MIDS/ JTIDS for E-2C)	P3A				-			-			4.631			2.709			0.616			7.956
12 - 002-17 E-2D Aircraft ACD's	P3A				-			-			0.826			1.396			-			2.222
13 - 003-17 E-2D IBS-USB-ENTR	P3A				-			-			2.975			7.470			5.815			16.260
14 - 004-17 E-2D AIS	P3A				-			-			1.197			3.263			2.614			7.074
15 - 001-18 E-2D MIDS/ JTRS TTNT	P3A				-			-			-			15.848			52.287			68.135
16 - 002-18 E-2D IFR	P3A				-			-			-			24.300			205.186			229.486
17 - 003-18 E-2D SIPR CHAT	P3A				-			-			-			4.266			18.067			22.333

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1:
Modification Of Aircraft

P-1 Line Item Nomenclature:

0544 - E-2 Series

ID Code (A=Service Ready, B=Not Service Ready) : A**Program Elements for Code B Items:****Other Related Program Elements:****MDAP/MAIS Code(s):** 172,276,554

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
18 - Inactive OSIPs	P3A				-			-			-			-			-			1,213.837
Total Gross/Weapon System Cost					37.158			37.527			43.119			95.335			349.527			1,997.537

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

The E-2 Series modification budget line item increases in FY14 due to four new start programs to include: E-2D Dual Transmit SATCOM, E-2D Mode 5, E-2C CEC Upgrade and E-2D Avionics.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 005-01 Technology Insertion				
Models of Systems Affected: E-2C				Type Modification: Mission Performance Enhancement				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	93.123	7.169	5.623	8.330	-	8.330	10.132	10.399	11.098	11.282	42.599	199.755
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	93.123	7.169	5.623	8.330	-	8.330	10.132	10.399	11.098	11.282	42.599	199.755
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	93.123	7.169	5.623	8.330	-	8.330	10.132	10.399	11.098	11.282	42.599	199.755
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Technology Insertion OSIP was established to address obsolescence of Commercial Off-The Shelf (COTS) software and hardware of E-2 computing resources. Commercial technology obsolescence drives hardware and software changes in Computing Resources for the E-2 Aircraft. Funding is required to support capability for assembly, validation, and configuration management of COTS hardware/software provided to fleet squadrons and updated on a 4-year technology cycle. Specific examples include video boards, memory boards, Computer Processing Units cards, compilers, middleware, backplanes, and operating systems that will change or become obsolete. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The E-2 Program Support Activity will insure software is upgraded, revised, and integrated so it functions with the versions of the COTS hardware and software delivered. The integration effort must start no less than one year prior to the delivery.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - 005-01 Technology Insertion					
Models of Systems Affected: E-2C				Type Modification: Mission Performance Enhancement				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
005-01 Technology Insertion													
A Kits													
Recurring													
1.1.1) OCO Maritime Automatic Identification System - Organic	42 / 0.738	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.738	
Subtotal Recurring	42 / 0.738	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.738	
Non-Recurring													
1.2.1) OCO Maritime Automatic Identification System - Organic	- / 0.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.094	
Subtotal Non-Recurring	- / 0.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.094	
Total, 005-01 Technology Insertion	42 / 0.832	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.832	
Total Procurement, All Modifications	42 / 0.832	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.832	
Support													
3.1) Data	- / 0.762	- / -	- / 0.050	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.175	- / 1.237	
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS ⁽¹⁾	- / 4.882	- / 0.860	- / 0.531	- / 0.547	- / -	- / 0.547	- / 0.564	- / 0.348	- / 0.359	- / 0.370	- / 4.410	- / 12.871	
3.6) Other Support ⁽²⁾	- / 86.647	- / 6.309	- / 5.042	- / 7.733	- / -	- / 7.733	- / 9.518	- / 10.001	- / 10.689	- / 10.862	- / 38.014	- / 184.815	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	92.291	7.169	5.623	8.330	-	8.330	10.132	10.399	11.098	11.282	42.599	198.923	
Total Procurement and Support	93.123	7.169	5.623	8.330	-	8.330	10.132	10.399	11.098	11.282	42.599	199.755	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	93.123	7.169	5.623	8.330	-	8.330	10.132	10.399	11.098	11.282	42.599	199.755	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 005-01 Technology Insertion	
Models of Systems Affected: E-2C			Type Modification: Mission Performance Enhancement			Related RDT&E PEs:	
Manufacturer Information: 005-01 Technology Insertion							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 005-01 Technology Insertion							
			Method of Implementation: Organic - OCO Maritime Automatic Identification System			Installation Quantity: 42	
Footnotes: (1) There is a perceived cost growth in the ILS line of the budget. The Technology Insertion OSIP was established to address obsolescence of Commercial Off-The Shelf (COTS) software and hardware of E-2 computing resources. Components for the Advanced Control Indicator Set and the Mission Computer go obsolete and require replacement. The replacement cycle is not reflected as a straight line labor escalation across fiscal years because these components require flight test, laboratory test, software modification, operating system updates, computer processing hardware replacement, and the ancillary hardware that supports it. The analysis and testing must begin FY14 to achieve FY17-18 mission computer requirements. The funding required for these efforts is not an escalated value from year to year like government labor. Because the E-2C is out of production, the amount of obsolete components is increasing with time requiring more funding throughout the FYDP. (2) The increase in Other Support from FY13 - FY15 is due to the replacement cycle of components for the Advanced Control Indicator Set and the Mission Computer. The components require flight test, laboratory test, software modification, operating system updates, computer processing hardware replacement, and the ancillary hardware that supports it. The effort is not level across fiscal years, analysis and testing must begin FY14 to achieve FY17-18 mission computer requirements.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 002-10 High Frequency Internet Protocol			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2.630	1.499	1.617	-	-	-	-	-	-	-	-	5.746
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2.630	1.499	1.617	-	-	-	-	-	-	-	-	5.746
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2.630	1.499	1.617	-	-	-	-	-	-	-	-	5.746
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This funding will integrate and test the High Frequency (HF) radio and Mission Computer hardware and software modifications and additions to provide an E-2 HF digital data communications path, allowing for E-2 connectivity with other HF Internet Protocol users. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Not Applicable												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - 002-10 High Frequency Internet Protocol				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
002-10 High Frequency Internet Protocol												
A Kits												
Recurring												
1.1.1) HFIP - NonOrganic ⁽³⁾	20 / 1.257	7 / 0.299	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 1.556
Subtotal Recurring	20 / 1.257	7 / 0.299	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 1.556
B Kits												
Recurring												
2.1.1) HFIP - Organic	20 / 0.528	7 / 0.578	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 1.106
Subtotal Recurring	20 / 0.528	7 / 0.578	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 1.106
Total, 002-10 High Frequency Internet Protocol	40 / 1.785	14 / 0.877	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 2.662
Total Procurement, All Modifications	40 / 1.785	14 / 0.877	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 2.662
Support												
3.1) ILS	- / 0.329	- / 0.013	- / 0.230	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.572
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Training Equipment	- / 0.496	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.496
3.5) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.020
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.845	0.013	0.230	-	-	-	-	-	-	-	-	1.088
Total Procurement and Support	2.630	0.890	0.230	-	-	-	-	-	-	-	-	3.750
002-10 High Frequency Internet Protocol Installation Cost	- / 0.000	- / 0.609	- / 1.387	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.996
Total Installation Cost	- / 0.000	- / 0.609	- / 1.387	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.996
Total Cost (Procurement + Support + Installation)	2.630	1.499	1.617	-	-	-	-	-	-	-	-	5.746

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0544 - E-2 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 002-10 High Frequency Internet Protocol											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: 002-10 High Frequency Internet Protocol																															
Manufacturer Name: HFIP														Manufacturer Location: Not Specified																	
Administrative Leadtime (<i>in Months</i>): 1														Production Leadtime (<i>in Months</i>): 2																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Nov 2011																													
Delivery Dates		Jan 2012																													
Installation: 002-10 High Frequency Internet Protocol										Method of Implementation: Depot Field Modification Team										Installation Name: HFIP											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		8 / 0.609		12 / 0.876		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		20 / 1.485					
FY 2012		- / -		- / -		7 / 0.511		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 0.511					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		8 / 0.609		19 / 1.387		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		27 / 1.996					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	4	4	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
Out	-	-	4	4	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
Installation: 002-10 High Frequency Internet Protocol										Method of Implementation: Not Installed - HFIP										Installation Quantity: 27											
Footnotes:																															
⁽³⁾ A-Kits deliver in FY12, but install equipment does not deliver until FY13. Installation does not begin until all parts are received.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 012-10 Critical Avionics				
Models of Systems Affected: E-2C				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	44.556	16.128	5.816	2.712	-	2.712	-	-	-	-	-	69.212
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	44.556	16.128	5.816	2.712	-	2.712	-	-	-	-	-	69.212
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	44.556	16.128	5.816	2.712	-	2.712	-	-	-	-	-	69.212
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Critical Avionics addresses E-2 avionics obsolescence, reliability, functionality and hazard mitigation efforts for primary and secondary sensors, communication, and navigation systems. Improves the reliability and functionality of the current E-2 fixed wire High Frequency (HF) antenna which supports only a single radio and breaks often, creating safety and operational impacts by upgrading to an antenna suite which is more reliable, capable and provides multiple transmission paths on and off the aircraft. Addresses obsolescence and improves the reliability and functionality of the current HF radio set by upgrading to a more capable and reliable radio suite which includes automatic link establishment, secure data and voice capability and additional voice and data channels. Addresses obsolescence and improves the reliability and functionality of the current Satellite Communications receive system (MATT) radio by upgrading to a radio which can receive current and future broadcast waveforms, can communicate using current and future cryptographic algorithms and can be integrated with the E-2 weapons systems more effectively, reducing startup, load, and set up time and reducing operator workload and troubleshooting requirements. Addresses obsolescence and improves the reliability and functionality of the current Very/Ultra High Frequency radios by incorporating an improved ARC-210 radio which includes secure data and voice capability using current and future cryptographic algorithms and which includes a growth path to future applications such as Joint Precision Approach and Landing System. Improves the Cooperative Engagement Capability (CEC) system reliability which addresses significant obsolescence and crypto upgrade issues by replacement of four Weapon Replacement Assemblies (WRA) (3 processors and the receiver synthesizer) with a single WRA combining these functions. The replacement WRA will be common to E-2D, surface combatants and United States Marine Corp deployed versions of CEC. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: MATT Replacement USB Embedded National Tactical Receiver completed Tempest testing in February 2012. Flight testing began in March 2012 and completed May 2012. Procurement of kits began in FY10. HF Antenna Naval Supply Systems Command (NAVSUP) validation (with Legacy Radio) occurred in March 2012. HE2K validation (with AN/ARC-239 Selex Radio) September 2012. NAVSUP Verification October 2012. Procurement of kits began in FY11.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - 012-10 Critical Avionics			
Models of Systems Affected: E-2C				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
012-10 Critical Avionics												
A Kits												
Recurring												
1.1.1) MATT REPLACEMENT - NonOrganic	17 / 0.350	11 / 2.109	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 2.459
1.1.2) HF ANTENNA - NonOrganic ⁽⁴⁾	1 / 0.022	10 / 0.046	10 / 0.047	7 / 0.034	- / -	7 / 0.034	- / -	- / -	- / -	- / -	- / -	28 / 0.149
1.1.3) HF RADIO - NonOrganic	17 / 2.438	11 / 1.851	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 4.289
Subtotal Recurring	35 / 2.810	32 / 4.006	10 / 0.047	7 / 0.034	- / -	7 / 0.034	- / -	- / -	- / -	- / -	- / -	84 / 6.897
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 6.380	- / 1.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.807
Subtotal Non-Recurring	- / 6.380	- / 1.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.807
B Kits												
Recurring												
2.1.1) MATT REPLACEMENT - Organic	17 / 1.936	- / -	11 / 1.044	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 2.980
2.1.2) HF RADIO - Organic	17 / 2.900	11 / 1.589	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 4.489
2.1.3) ARC-210 - Organic	15 / 4.212	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 4.212
Subtotal Recurring	49 / 9.048	11 / 1.589	11 / 1.044	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	71 / 11.681
Total, 012-10 Critical Avionics	84 / 18.238	43 / 7.022	21 / 1.091	7 / 0.034	- / -	7 / 0.034	- / -	- / -	- / -	- / -	- / -	155 / 26.385
Total Procurement, All Modifications	84 / 18.238	43 / 7.022	21 / 1.091	7 / 0.034	- / -	7 / 0.034	- / -	- / -	- / -	- / -	- / -	155 / 26.385
Support												
3.1) DATA	- / 1.582	- / 0.308	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.890
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) TRAINING EQUIP	5 / 6.472	- / 0.612	- / 0.035	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 7.119
3.4) SUPPORT EQUIP	- / 0.269	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.269
3.5) ILS ⁽⁵⁾	- / 1.188	- / 1.065	- / 0.460	- / 0.623	- / -	- / 0.623	- / -	- / -	- / -	- / -	- / -	- / 3.336
3.6) OTHER SUPPORT	- / 16.552	- / 4.888	- / 2.591	- / 1.698	- / -	- / 1.698	- / -	- / -	- / -	- / -	- / -	- / 25.729
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	26.063	6.873	3.086	2.321	-	2.321	-	-	-	-	-	38.343
Total Procurement and Support	44.301	13.895	4.177	2.355	-	2.355	-	-	-	-	-	64.728
012-10 Critical Avionics Installation Cost	- / 0.255	- / 2.233	- / 1.639	- / 0.357	- / -	- / 0.357	- / -	- / -	- / -	- / -	- / -	- / 4.484

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - 012-10 Critical Avionics			
Models of Systems Affected: E-2C				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
	Total Installation Cost	- / 0.255	- / 2.233	- / 1.639	- / 0.357	- / -	- / 0.357	- / -	- / -	- / -	- / -	- / 4.484
Total Cost (Procurement + Support + Installation)		44.556	16.128	5.816	2.712	-	2.712	-	-	-	-	69.212

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0544 - E-2 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 012-10 Critical Avionics	
Models of Systems Affected: E-2C		Type Modification: Mission Performance Enhancements		Related RDT&E PEs:	

Manufacturer Information: 012-10 Critical Avionics							
Manufacturer Name: MATT Replacement				Manufacturer Location: Depot Field Mod Team			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012						
Delivery Dates	Sep 2012						
Manufacturer Name: HF Antenna ⁽⁶⁾				Manufacturer Location: Depot Field Mod Team			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Mar 2013	Dec 2013				
Delivery Dates	Jun 2012	Sep 2013	Jun 2014				
Manufacturer Name: HF Radio				Manufacturer Location: Depot Field Mod Team			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012						
Delivery Dates	Sep 2012						

Installation: 012-10 Critical Avionics			Method of Implementation: Depot Field Mod Team					Installation Name: MATT REPLACEMENT				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
All Prior Years	1 / 0.059	16 / 0.504	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 0.563
FY 2012	- / -	- / -	11 / 0.536	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.536
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0544 - E-2 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - 012-10 Critical Avionics												
Models of Systems Affected: E-2C											Type Modification: Mission Performance Enhancements											Related RDT&E PEs:												
Installation: 012-10 Critical Avionics											Method of Implementation: Depot Field Mod Team											Installation Name: MATT REPLACEMENT												
Installation Cost											Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
											Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Total											1 / 0.059		16 / 0.504		11 / 0.536		- / -		- / -		- / -		- / -		- / -		- / -		- / -		28 / 1.099			
Installation Schedule																																		
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	1	4	4	4	4	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28			
Out	1	4	4	4	4	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28			
Installation: 012-10 Critical Avionics																																		
Installation: 012-10 Critical Avionics											Method of Implementation: Depot Field Mod Team											Installation Name: HF ANTENNA												
Installation Cost											Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
											Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
All Prior Years											1 / 0.040		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.040			
FY 2012											- / -		7 / 0.140		3 / 0.062		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 0.202			
FY 2013											- / -		- / -		- / -		10 / 0.306		- / -		10 / 0.306		- / -		- / -		- / -		- / -		10 / 0.306			
FY 2014											- / -		- / -		- / -		7 / 0.051		- / -		7 / 0.051		- / -		- / -		- / -		- / -		7 / 0.051			
FY 2015											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total											1 / 0.040		7 / 0.140		3 / 0.062		17 / 0.357		- / -		17 / 0.357		- / -		- / -		- / -		- / -		- / -		28 / 0.599	
Installation Schedule																																		
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	1	-	-	-	7	3	-	-	-	10	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28			
Out	1	-	-	-	7	3	-	-	-	10	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28			

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0544 - E-2 Series		Modification Nomenclature (Modification Number - Modification Title): 3 - 012-10 Critical Avionics	
Models of Systems Affected: E-2C		Type Modification: Mission Performance Enhancements			
				Related RDT&E PEs:	

Installation: 012-10 Critical Avionics			Method of Implementation: Depot Field Mod Team					Installation Name: HF RADIO				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	1 / 0.156	16 / 1.589	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 1.745
FY 2012	- / -	- / -	11 / 1.041	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 1.041
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.156	16 / 1.589	11 / 1.041	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 2.786

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	4	4	4	4	4	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	
Out	1	4	4	4	4	4	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	

Installation: 012-10 Critical Avionics				Method of Implementation: Not Installed - MATT REPLACEMENT								Installation Quantity: 28			
Installation: 012-10 Critical Avionics				Method of Implementation: Not Installed - HF RADIO								Installation Quantity: 28			
Installation: 012-10 Critical Avionics				Method of Implementation: Not Installed - ARC-210								Installation Quantity: 15			
Installation: 012-10 Critical Avionics				Method of Implementation: Not Installed - TRAINING EQUIP								Installation Quantity: 5			

Footnotes:

- (4) The HF Antenna unit cost increase from FY13 to FY14 is due to the economy of scale. Program is buying less kits in FY14, which causes the price of the kit to increase in cost.
- (5) Multiple ECP's are starting and stopping within the Critical Avionics program, so funding cannot be analyzed at a level inflation rate.
- (6) FY13 procured 3 months later due to aircraft availability.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - 002-11 Universal Automatic Information System			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.634	0.100	0.100	-	-	-	-	-	-	-	-	0.834
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.634	0.100	0.100	-	-	-	-	-	-	-	-	0.834
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.634	0.100	0.100	-	-	-	-	-	-	-	-	0.834
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This funding will integrate and procure Universal Automatic System into the E-2 mission computer and provide for a means to transfer Automatic Information Systems (AIS) data from the aircraft in flight to the warships. This modification will integrate the current E-2 stand-alone prototype AIS system with the E-2 mission computer and displays allowing AIS tracks to be displayed and correlated with other track sources, such as radar. Additionally, the integration will allow AIS tracks to be transferred to other aircraft and warships over existing data links. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Not Applicable												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - 002-11 Universal Automatic Information System				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
002-11 Universal Automatic Information System												
A Kits												
Recurring												
1.1.1) Universal Automatic Info System - NonOrganic	20 / 0.024	15 / 0.018	16 / 0.018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.060
Subtotal Recurring	20 / 0.024	15 / 0.018	16 / 0.018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.060
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	20 / 0.029	15 / 0.021	16 / 0.022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.072
Subtotal Recurring	20 / 0.029	15 / 0.021	16 / 0.022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.072
Total, 002-11 Universal Automatic Information System	40 / 0.053	30 / 0.039	32 / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	102 / 0.132
Total Procurement, All Modifications	40 / 0.053	30 / 0.039	32 / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	102 / 0.132
Support												
3.1) Data	- / 0.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.005
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Support Equipment	- / 0.155	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.155
3.4) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.124	- / 0.005	- / 0.003	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.132
3.6) Other Support	- / 0.223	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.223
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.507	0.005	0.003	-	-	-	-	-	-	-	-	0.515
Total Procurement and Support	0.560	0.044	0.043	-	-	-	-	-	-	-	-	0.647
002-11 Universal Automatic Information System Installation Cost	- / 0.074	- / 0.056	- / 0.057	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.187
Total Installation Cost	- / 0.074	- / 0.056	- / 0.057	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.187
Total Cost (Procurement + Support + Installation)	0.634	0.100	0.100	-	-	-	-	-	-	-	-	0.834

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - 002-11 Universal Automatic Information System																							
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:																							
Manufacturer Information: 002-11 Universal Automatic Information System																															
Manufacturer Name: Universal Automatic Information System								Manufacturer Location: Depot Field Modification Team																							
Administrative Leadtime (<i>in Months</i>): 6								Production Leadtime (<i>in Months</i>): 6																							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates	Mar 2012	Mar 2013																													
Delivery Dates	Sep 2012	Sep 2013																													
Installation: 002-11 Universal Automatic Information System				Method of Implementation: Depot Field Mod Team				Installation Name: Universal Automatic Info System																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years	20 / 0.074	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.074																		
FY 2012	- / -	15 / 0.056	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.056																		
FY 2013	- / -	- / -	16 / 0.057	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.057																		
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total	20 / 0.074	15 / 0.056	16 / 0.057	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.187																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	20	-	-	-	15	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
Out	20	-	-	-	15	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
Installation: 002-11 Universal Automatic Information System				Method of Implementation: Not Installed - Installation Equipment				Installation Quantity: 51																							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 005-11 Radar Improvement Program				
Models of Systems Affected: E-2C				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.594	4.235	3.166	3.050	-	3.050	2.800	0.466	-	-	-	17.311
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3.594	4.235	3.166	3.050	-	3.050	2.800	0.466	-	-	-	17.311
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.594	4.235	3.166	3.050	-	3.050	2.800	0.466	-	-	-	17.311
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This funding will integrate and field improvements to the E-2C radar components that are expected to be unsupportable in the near term and are of a high failure rate. Such improvements will keep portions of the APS-145 radar viable until 2021, the expected retirement date of the Hawkeye 2000. This funding also supports necessary modifications within the APS-145 Radar Test Bench System. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Non-recurring Engineering was awarded on 16 June 2010. The Preliminary Design Review was completed 1ST QTR of FY11. The Critical Design Review was completed 3RD QTR of FY11. Flight Testing completed in FY-12.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - 005-11 Radar Improvement Program				
Models of Systems Affected: E-2C			Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
005-11 Radar Improvement Program												
B Kits												
Recurring												
2.1.1) WRA-9 - NonOrganic - / - 10 / 1.414 10 / 1.087 12 / 1.320 - / - 12 / 1.320 11 / 1.248 - / - - / - - / - - / - 43 / 5.069												
2.1.2) WRA-32 - NonOrganic - / - 13 / 0.455 - / - - / - - / - - / - - / - - / - - / - 13 / 0.455												
Subtotal Recurring - / - 23 / 1.869 10 / 1.087 12 / 1.320 - / - 12 / 1.320 11 / 1.248 - / - - / - - / - - / - 56 / 5.524												
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic - / 0.586 - / - - / - - / - - / - - / - - / - - / - - / - - / - 586												
Subtotal Non-Recurring - / 0.586 - / - - / - - / - - / - - / - - / - - / - - / - 586												
Total, 005-11 Radar Improvement Program - / 0.586 23 / 1.869 10 / 1.087 12 / 1.320 - / - 12 / 1.320 11 / 1.248 - / - - / - - / - - / - 56 / 6.110												
Total Procurement, All Modifications - / 0.586 23 / 1.869 10 / 1.087 12 / 1.320 - / - 12 / 1.320 11 / 1.248 - / - - / - - / - - / - 56 / 6.110												
Support												
3.1) Data - / - - / 0.237 - / 0.124 - / 0.085 - / - - / 0.085 - / 0.085 - / - - / - - / - - / - 531												
3.2) Engineering Change Orders - / 0.000 - / - - / - - / - - / - - / - - / - - / - - / - - / -												
3.3) Training Equipment - / - - / - 2 / 0.170 - / 0.120 - / - - / 0.120 - / - - / - - / - - / - 2 / 0.290												
3.4) Support Equipment 14 / 2.311 1 / 0.308 - / 0.261 - / 0.120 - / - - / 0.120 - / 0.126 - / - - / - - / - - / - 15 / 3.126												
3.5) ILS (7) - / 0.516 - / 1.011 - / 0.746 - / 0.762 - / - - / 0.762 - / 0.718 - / 0.200 - / - - / - - / - - / 3.953												
3.6) Other Support - / 0.181 - / 0.719 - / 0.656 - / 0.494 - / - - / 0.494 - / 0.471 - / 0.150 - / - - / - - / - - / 2.671												
3.7) Interim Contractor Support - / 0.000 - / - - / - - / - - / - - / - - / - - / - - / - - / -												
Total Support, All Modifications 3.008 2.275 1.957 1.581 - 1.581 1.400 0.350 - - - 10.571												
Total Procurement and Support 3.594 4.144 3.044 2.901 - 2.901 2.648 0.350 - - - 16.681												
005-11 Radar Improvement Program Installation Cost - / 0.000 - / 0.091 - / 0.122 - / 0.149 - / - - / 0.149 - / 0.152 - / 0.116 - / - - / - - / - - / 0.630												
Total Installation Cost - / 0.000 - / 0.091 - / 0.122 - / 0.149 - / - - / 0.149 - / 0.152 - / 0.116 - / - - / - - / - - / 0.630												
Total Cost (Procurement + Support + Installation) 3.594 4.235 3.166 3.050 - 3.050 2.800 0.466 - - - 17.311												

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0544 - E-2 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 005-11 Radar Improvement Program	
Models of Systems Affected: E-2C		Type Modification: Mission Performance Enhancements		Related RDT&E PEs:	

Manufacturer Information: 005-11 Radar Improvement Program							
Manufacturer Name: WRA-9				Manufacturer Location: Depot Field Modification Team			
Administrative Leadtime (<i>in Months</i>): 9				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jun 2012	Jun 2013	Jun 2014	Jun 2015			
Delivery Dates	Oct 2012	Oct 2013	Oct 2014	Oct 2015			
Manufacturer Name: WRA-32				Manufacturer Location: Depot Field Modification Team			
Administrative Leadtime (<i>in Months</i>): 9				Production Leadtime (<i>in Months</i>): 2			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jun 2012						
Delivery Dates	Aug 2012						

Installation: 005-11 Radar Improvement Program				Method of Implementation: Depot Field Modification Team				Installation Name: WRA-9				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	10 / 0.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.122
FY 2013	- / -	- / -	- / -	10 / 0.149	- / -	10 / 0.149	- / -	- / -	- / -	- / -	- / -	10 / 0.149
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.152	- / -	- / -	- / -	- / -	12 / 0.152
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.116	- / -	- / -	- / -	11 / 0.116
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	10 / 0.122	10 / 0.149	- / -	10 / 0.149	12 / 0.152	11 / 0.116	- / -	- / -	- / -	43 / 0.539

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - 005-11 Radar Improvement Program			
Models of Systems Affected: E-2C			Type Modification: Mission Performance Enhancements			Related RDT&E PEs:			

Installation: 005-11 Radar Improvement Program										Method of Implementation: Depot Field Modification Team										Installation Name: WRA-9											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	5	5	-	-	5	5	-	-	6	6	-	-	6	5	-	-	-	-	-	-	-	-	-	-	-	43
Out	-	-	-	-	-	5	5	-	-	5	5	-	-	6	6	-	-	6	5	-	-	-	-	-	-	-	-	-	-	-	43

Installation: 005-11 Radar Improvement Program			Method of Implementation: Depot Field Modification Team					Installation Name: WRA-32				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	13 / 0.091	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.091
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	13 / 0.091	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.091

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	
Out	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	

Installation: 005-11 Radar Improvement Program										Method of Implementation: Not Installed - Training Equipment										Installation Quantity: 2									
Installation: 005-11 Radar Improvement Program										Method of Implementation: Not Installed - Support Equipment										Installation Quantity: 15									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - 005-11 Radar Improvement Program
Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
Footnotes: (7) FY-14 funds are needed for logistics analysis to support the WRA-9 modifications.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - 008-14 Dual Transmit SATCOM				
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	2.811	-	2.811	2.744	6.546	3.587	11.185	4.605	31.478
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	2.811	-	2.811	2.744	6.546	3.587	11.185	4.605	31.478
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	2.811	-	2.811	2.744	6.546	3.587	11.185	4.605	31.478
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This funding will integrate and field the Dual Transmit Satellite Communication (SATCOM) capability into the E-2D by modifying aircraft cabling/components and the rotodome antenna. This integration will allow the aircrew to simultaneously receive/transmit on two SATCOM channels, allowing use of two discrete command nets for voice and data. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Dual Transmit SATCOM system design and development began in FY09. Flight test began in FY13. Procurement of kits will begin in FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 6 - 008-14 Dual Transmit SATCOM				
Models of Systems Affected: E-2D			Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
008-14 Dual Transmit SATCOM												
A Kits												
Recurring												
1.1.1) E-2D Dual Transmit SATCOM - NonOrganic	- / -	- / -	- / -	1 / 1.169	- / -	1 / 1.169	1 / 1.189	4 / 4.836	2 / 2.459	8 / 10.003	1 / 1.272	17 / 20.928
Subtotal Recurring	- / -	- / -	- / -	1 / 1.169	- / -	1 / 1.169	1 / 1.189	4 / 4.836	2 / 2.459	8 / 10.003	1 / 1.272	17 / 20.928
Total, 008-14 Dual Transmit SATCOM	- / -	- / -	- / -	1 / 1.169	- / -	1 / 1.169	1 / 1.189	4 / 4.836	2 / 2.459	8 / 10.003	1 / 1.272	17 / 20.928
Total Procurement, All Modifications	- / -	- / -	- / -	1 / 1.169	- / -	1 / 1.169	1 / 1.189	4 / 4.836	2 / 2.459	8 / 10.003	1 / 1.272	17 / 20.928
Support												
3.1) ILS	- / -	- / -	- / -	- / 0.382	- / -	- / 0.382	- / 0.384	- / 0.363	- / 0.143	- / 0.447	- / 0.184	- / 1.903
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Data	- / -	- / -	- / -	- / 0.350	- / -	- / 0.350	- / 0.225	- / -	- / -	- / -	- / -	- / 0.575
3.4) Training Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.765	- / 0.016	- / 0.016	- / -	- / 0.797
3.5) Support Equipment	- / -	- / -	- / -	- / 0.568	- / -	- / 0.568	- / 0.375	- / -	- / -	- / -	- / -	- / 0.943
3.6) Other Support	- / -	- / -	- / -	- / 0.342	- / -	- / 0.342	- / 0.446	- / 0.455	- / 0.451	- / 0.455	- / 1.939	- / 4.088
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	1.642	-	1.642	1.430	1.583	0.610	0.918	2.123	8.306
Total Procurement and Support	0.000	-	-	2.811	-	2.811	2.619	6.419	3.069	10.921	3.395	29.234
008-14 Dual Transmit SATCOM Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.125	- / 0.127	- / 0.518	- / 0.264	- / 1.210	- / 2.244
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.125	- / 0.127	- / 0.518	- / 0.264	- / 1.210	- / 2.244
Total Cost (Procurement + Support + Installation)	0.000	-	-	2.811	-	2.811	2.744	6.546	3.587	11.185	4.605	31.478

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - 008-14 Dual Transmit SATCOM			
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:			

Manufacturer Information: 008-14 Dual Transmit SATCOM							
Manufacturer Name: Dual Transmit SATCOM				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Nov 2014	Nov 2015	Nov 2016	Nov 2017	Nov 2018

Installation: 008-14 Dual Transmit SATCOM				Method of Implementation: Field Mod Teams				Installation Name: E-2D Dual Transmit SATCOM				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.125	- / -	- / -	- / -	- / -	1 / 0.125
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.127	- / -	- / -	- / -	1 / 0.127
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.518	- / -	- / -	4 / 0.518
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.264	- / -	2 / 0.264
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.074	8 / 1.074
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.136	1 / 0.136
Total	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.125	1 / 0.127	4 / 0.518	2 / 0.264	9 / 1.210	17 / 2.244

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	2	2	-	-	1	1	-	-	9	17
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	2	2	-	-	1	1	-	-	9	17

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - 009-14 MODE 5/S		
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	4.415	-	4.415	3.322	3.432	3.945	3.383	2.914	21.411
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	4.415	-	4.415	3.322	3.432	3.945	3.383	2.914	21.411
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	4.415	-	4.415	3.322	3.432	3.945	3.383	2.914	21.411
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This funding will field the Mode 5 interrogation capability into the E-2D. This effort will update the current APX-122 Identification of Friend or Foe (IFF) interrogator system with the Mode 5 software and hardware upgrade. The Mode 5 secure IFF system is used to identify friendly forces in a battlefield environment by maximizing Combat Identification and Situational Awareness among military platforms. The E-2D Mode 5 IFF system is being developed with modern modulation, coding, and cryptographic techniques that will provide positive, secure, line-of-sight identification of friendly military aircraft platforms. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Mode 5 system design and development began in FY09. Flight test will begin in FY13. Procurement of kits will begin in FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 7 - 009-14 MODE 5/S				
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
009-14 MODE 5/S												
A Kits												
Recurring												
1.1.1) MODE 5/S - NonOrganic												
Subtotal Recurring												
B Kits												
Recurring												
2.1.1) E-2D Mode 5 - Organic												
Subtotal Recurring												
Total, 009-14 MODE 5/S												
Total Procurement, All Modifications												
Support												
3.1) ILS												
3.2) Data												
3.3) Engineering Change Orders												
3.4) Training Equipment												
3.5) Support Equipment												
3.6) Other Support												
3.7) Interim Contractor Support												
Total Support, All Modifications												
Total Procurement and Support												
009-14 MODE 5/S Installation Cost												
Total Installation Cost												
Total Cost (Procurement + Support + Installation)												

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - 009-14 MODE 5/S	
Models of Systems Affected: E-2D			Type Modification: Mission Performance Enhancements			Related RDT&E PEs:	

Manufacturer Information: 009-14 MODE 5/S							
Manufacturer Name: E-2D MODE 5 ⁽⁸⁾				Manufacturer Location: Not Specified			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Nov 2014	Nov 2015	Nov 2016	Nov 2017	Nov 2018

Installation: 009-14 MODE 5/S			Method of Implementation: Field Mod Team					Installation Name: MODE 5/S				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.035	- / -	- / -	- / -	- / -	3 / 0.035
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.035	- / -	- / -	- / -	3 / 0.035
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.084	- / -	- / -	7 / 0.084
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.086	- / -	7 / 0.086
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.087	7 / 0.087
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.035	3 / 0.035	7 / 0.084	7 / 0.086	7 / 0.087	27 / 0.327

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	1	-	3	2	2	-	3	2	2	-	7	27
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	1	-	3	2	2	-	3	2	2	-	7	27

Installation: 009-14 MODE 5/S	Method of Implementation: Not Installed - E-2D Mode 5	Installation Quantity: 27

Installation: 009-14 MODE 5/S	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 6

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 7 - 009-14 MODE 5/S
Models of Systems Affected: E-2D	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
Footnotes: (8) Installation Kits N/R includes a Verification Kit.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - 010-14 CEC Upgrade				
Models of Systems Affected: E-2C				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	7.999	-	7.999	10.428	7.776	4.844	4.783	1.480	37.310
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	7.999	-	7.999	10.428	7.776	4.844	4.783	1.480	37.310
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	7.999	-	7.999	10.428	7.776	4.844	4.783	1.480	37.310
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This funding will procure the Cooperative Engagement Capability (CEC) Signal Data Processor (SDP) kits and installation labor for all 28 E-2C Hawkeye 2000 aircraft. The current E-2C CEC system (USG-3) is being replaced with the new CEC SDP that was designed and integrated into the E-2D. The SDP is being back fitted into the E-2C to correct reliability and maintainability issues that were documented during the USG-3 OT. Also, the SDP incorporates the new imbedded crypto. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: CEC SDP integration design will begin in FY13. Flight test will begin late FY13/early FY14. Procurement of kits will begin in FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 8 - 010-14 CEC Upgrade				
Models of Systems Affected: E-2C				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
010-14 CEC Upgrade												
A Kits												
Recurring												
1.1.1) CEC Upgrade - NonOrganic	- / -	- / -	- / -	5 / 0.905	- / -	5 / 0.905	5 / 0.920	8 / 1.498	5 / 0.952	5 / 0.968	- / -	28 / 5.243
Subtotal Recurring	- / -	- / -	- / -	5 / 0.905	- / -	5 / 0.905	5 / 0.920	8 / 1.498	5 / 0.952	5 / 0.968	- / -	28 / 5.243
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / -	- / -	- / -	- / 0.075	- / -	- / 0.075	- / -	- / -	- / -	- / -	- / -	- / 0.075
Subtotal Non-Recurring	- / -	- / -	- / -	- / 0.075	- / -	- / 0.075	- / -	- / -	- / -	- / -	- / -	- / 0.075
B Kits												
Recurring												
2.1.1) E-2C CEC Upgrade - Organic	- / -	- / -	- / -	5 / 2.069	- / -	5 / 2.069	5 / 2.104	8 / 3.423	5 / 2.176	5 / 2.213	- / -	28 / 11.985
Subtotal Recurring	- / -	- / -	- / -	5 / 2.069	- / -	5 / 2.069	5 / 2.104	8 / 3.423	5 / 2.176	5 / 2.213	- / -	28 / 11.985
Total, 010-14 CEC Upgrade	- / -	- / -	- / -	10 / 3.049	- / -	10 / 3.049	10 / 3.024	16 / 4.921	10 / 3.128	10 / 3.181	- / -	56 / 17.303
Total Procurement, All Modifications	- / -	- / -	- / -	10 / 3.049	- / -	10 / 3.049	10 / 3.024	16 / 4.921	10 / 3.128	10 / 3.181	- / -	56 / 17.303
Support												
3.1) Data	- / -	- / -	- / -	- / 0.568	- / -	- / 0.568	- / 0.227	- / -	- / -	- / -	- / -	- / 0.795
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) ILS	- / -	- / -	- / -	- / 0.693	- / -	- / 0.693	- / 0.656	- / 0.680	- / 0.194	- / 0.191	- / 0.059	- / 2.473
3.4) Training Equipment ⁽⁹⁾	- / -	- / -	- / -	3 / 1.904	- / -	3 / 1.904	- / 4.450	- / 0.100	- / 0.050	- / -	- / -	3 / 6.504
3.5) Support Equipment	- / -	- / -	- / -	- / 0.492	- / -	- / 0.492	- / -	- / -	- / -	- / -	- / -	- / 0.492
3.6) Other Support ⁽¹⁰⁾	- / -	- / -	- / -	- / 1.293	- / -	- / 1.293	- / 1.968	- / 1.970	- / 1.301	- / 1.302	- / 1.310	- / 9.144
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	4.950	-	4.950	7.301	2.750	1.545	1.493	1.369	19.408
Total Procurement and Support	0.000	-	-	7.999	-	7.999	10.325	7.671	4.673	4.674	1.369	36.711
010-14 CEC Upgrade Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.103	- / 0.105	- / 0.171	- / 0.109	- / 0.111	- / 0.599
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.103	- / 0.105	- / 0.171	- / 0.109	- / 0.111	- / 0.599
Total Cost (Procurement + Support + Installation)	0.000	-	-	7.999	-	7.999	10.428	7.776	4.844	4.783	1.480	37.310

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - 010-14 CEC Upgrade		
Models of Systems Affected: E-2C		Type Modification: Mission Performance Enhancements			Related RDT&E PEs:		

Manufacturer Information: 010-14 CEC Upgrade							
Manufacturer Name: E-2C CEC UPGRADE ⁽¹¹⁾				Manufacturer Location: Depot Field Mod Team			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates			Nov 2014	Nov 2015	Nov 2016	Nov 2017	Nov 2018

Installation: 010-14 CEC Upgrade			Method of Implementation: Depot Field Mod Team					Installation Name: CEC Upgrade				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.103	- / -	- / -	- / -	- / -	5 / 0.103
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.105	- / -	- / -	- / -	5 / 0.105
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.171	- / -	- / -	8 / 0.171
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.109	- / -	5 / 0.109
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.111	5 / 0.111
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.103	5 / 0.105	8 / 0.171	5 / 0.109	5 / 0.111	28 / 0.599

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	-	2	2	1	-	3	3	2	-	2	2	1	-	5	28
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	-	2	2	1	-	3	3	2	-	2	2	1	-	5	28

Installation: 010-14 CEC Upgrade										Method of Implementation: Not Installed - E-2C CEC Upgrade										Installation Quantity: 28							

Installation: 010-14 CEC Upgrade										Method of Implementation: Not Installed - Training Equipment										Installation Quantity: 3							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - 010-14 CEC Upgrade
Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
Footnotes: (9) Trainer contract is not level of effort. FY14 buys kits for trainer modification and FY15 funds actual trainer installations and modifications. (10) Software engineering efforts are included in FY15, which was not part of FY14 efforts. Other support is not level of effort. (11) Installation Kits N/R includes a Verification Kit.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - 011-14 E-2D Avionics				
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	1.727	-	1.727	6.157	6.920	8.047	3.446	9.781	36.078
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	1.727	-	1.727	6.157	6.920	8.047	3.446	9.781	36.078
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	1.727	-	1.727	6.157	6.920	8.047	3.446	9.781	36.078
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This funding will integrate and field the Crypto modernization improvements of the Multifunctional Information Distribution System, ARC-210 and Guard Radio into the E-2D. Without the modernization of the crypto the E-2D loses the ability to do High Frequency secure voice, LINK-16 and Satellite Communications Intel Data which are required to execute the E-2D mission. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Guard Radio system integration design began in FY12. Flight test begins in FY14. Procurement of kits will begin in FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 9 - 011-14 E-2D Avionics				
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
011-14 E-2D Avionics												
A Kits												
Recurring												
1.1.2) ARC-210 - NonOrganic	- / -	- / -	- / -	2 / 0.007	- / -	2 / 0.007	5 / 0.017	2 / 0.007	- / -	- / -	- / -	9 / 0.031
1.1.3) GUARD - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.019	6 / 0.019	6 / 0.020	6 / 0.020	9 / 0.031	33 / 0.109
Subtotal Recurring	- / -	- / -	- / -	2 / 0.007	- / -	2 / 0.007	11 / 0.036	8 / 0.026	6 / 0.020	6 / 0.020	9 / 0.031	42 / 0.140
B Kits												
Recurring												
2.1.1) MIDS - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.265	4 / 1.030	7 / 1.835	17 / 4.599	33 / 8.729
2.1.2) ARC-210 - Organic	- / -	- / -	- / -	2 / 1.132	- / -	2 / 1.132	5 / 2.880	2 / 1.173	- / -	- / -	- / -	9 / 5.185
2.1.3) GUARD - Organic	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.041	6 / 0.041	6 / 0.042	6 / 0.043	9 / 0.066	33 / 0.233
Subtotal Recurring	- / -	- / -	- / -	2 / 1.132	- / -	2 / 1.132	11 / 2.921	13 / 2.479	10 / 1.072	13 / 1.878	26 / 4.665	75 / 14.147
Total, 011-14 E-2D Avionics	- / -	- / -	- / -	4 / 1.139	- / -	4 / 1.139	22 / 2.957	21 / 2.505	16 / 1.092	19 / 1.898	35 / 4.696	117 / 14.287
Total Procurement, All Modifications	- / -	- / -	- / -	4 / 1.139	- / -	4 / 1.139	22 / 2.957	21 / 2.505	16 / 1.092	19 / 1.898	35 / 4.696	117 / 14.287
Support												
3.1) Data ⁽¹²⁾	- / -	- / -	- / -	- / 0.140	- / -	- / 0.140	- / 0.355	- / 0.435	- / 0.155	- / -	- / -	- / 1.085
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) ILS ⁽¹³⁾	- / -	- / -	- / -	- / 0.134	- / -	- / 0.134	- / 0.326	- / 0.402	- / 0.406	- / 0.138	- / 0.391	- / 1.797
3.4) Training Equipment ⁽¹⁴⁾	- / -	- / -	- / -	- / 0.080	- / -	- / 0.080	1 / 1.816	8 / 1.302	- / 4.620	- / 0.260	- / 0.130	9 / 8.208
3.5) Support Equipment ⁽¹⁵⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	- / 0.761	- / 0.288	- / -	- / -	- / 1.149
3.6) Other Support ⁽¹⁶⁾	- / -	- / -	- / -	- / 0.234	- / -	- / 0.234	- / 0.545	- / 1.358	- / 1.409	- / 1.135	- / 4.502	- / 9.183
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	0.588	-	0.588	3.142	4.258	6.878	1.533	5.023	21.422
Total Procurement and Support	0.000	-	-	1.727	-	1.727	6.099	6.763	7.970	3.431	9.719	35.709
011-14 E-2D Avionics Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.058	- / 0.157	- / 0.077	- / 0.015	- / 0.062	- / 0.369
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.058	- / 0.157	- / 0.077	- / 0.015	- / 0.062	- / 0.369
Total Cost (Procurement + Support + Installation)	0.000	-	-	1.727	-	1.727	6.157	6.920	8.047	3.446	9.781	36.078

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0544 - E-2 Series		Modification Nomenclature (Modification Number - Modification Title): 9 - 011-14 E-2D Avionics	
Models of Systems Affected: E-2D		Type Modification: Mission Performance Enhancements		Related RDT&E PEs:	

Manufacturer Information: 011-14 E-2D Avionics							
Manufacturer Name: MIDS ⁽¹⁷⁾				Manufacturer Location: Not Specified			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Nov 2016	Nov 2017	Nov 2018
Manufacturer Name: ARC-210				Manufacturer Location: Not Specified			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Mar 2014	Mar 2015	Mar 2016		
Delivery Dates			Nov 2014	Nov 2015	Nov 2016		
Manufacturer Name: GUARD RADIO ⁽¹⁸⁾				Manufacturer Location: Not Specified			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Mar 2015	Mar 2016	Mar 2017	Mar 2018
Delivery Dates				Nov 2015	Nov 2016	Nov 2017	Nov 2018

Installation: 011-14 E-2D Avionics				Method of Implementation: Field Mod Team				Installation Name: ARC-210				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.058	- / -	- / -	- / -	- / -	2 / 0.058
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.148	- / -	- / -	- / -	5 / 0.148
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.060	- / -	- / -	2 / 0.060
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0544 - E-2 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - 011-14 E-2D Avionics	
Models of Systems Affected: E-2D		Type Modification: Mission Performance Enhancements		Related RDT&E PEs:	

Installation: 011-14 E-2D Avionics				Method of Implementation: Field Mod Team				Installation Name: ARC-210				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.058	5 / 0.148	2 / 0.060	- / -	- / -	9 / 0.266

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	2	1	-	1	1	-	-	-	-	-	-	-	9
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	2	1	-	1	1	-	-	-	-	-	-	-	9

Installation: 011-14 E-2D Avionics				Method of Implementation: Field Mod Team				Installation Name: GUARD				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.009	- / -	- / -	- / -	6 / 0.009
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.009	- / -	- / -	6 / 0.009
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.009	- / -	6 / 0.009
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.009	6 / 0.009
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.015	9 / 0.015
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.009	6 / 0.009	6 / 0.009	15 / 0.024	33 / 0.051

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	2	2	2	-	2	2	2	-	15	33
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	2	2	2	-	2	2	2	-	15	33

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - 011-14 E-2D Avionics			
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:			

Installation: 011-14 E-2D Avionics			Method of Implementation: Field Mod Teams					Installation Name: MIDS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.008	- / -	- / -	5 / 0.008
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.006	- / -	4 / 0.006
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.011	7 / 0.011
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 0.027	17 / 0.027
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.008	4 / 0.006	24 / 0.038	33 / 0.052

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	-	2	1	1	-	24	33
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	-	2	1	1	-	24	33

Installation: 011-14 E-2D Avionics				Method of Implementation: Not Installed - ARC-210				Installation Quantity: 9			
Installation: 011-14 E-2D Avionics				Method of Implementation: Not Installed - GUARD				Installation Quantity: 33			
Installation: 011-14 E-2D Avionics				Method of Implementation: Not Installed - Training Equipment				Installation Quantity: 9			

Footnotes:

- (12) There are 3 ECP's within E-2D Avionics that are on 3 different schedules, so funding cannot be analyzed at a level inflation rate.
- (13) There are 3 ECP's within E-2D Avionics that are on 3 different schedules, so funding cannot be analyzed at a level inflation rate.
- (14) There are 3 ECP's within E-2D Avionics that are on 3 different schedules, so funding cannot be analyzed at a level inflation rate.
- (15) There are 3 ECP's within E-2D Avionics that are on 3 different schedules, so funding cannot be analyzed at a level inflation rate.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 9 - 011-14 E-2D Avionics
Models of Systems Affected: E-2D	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
(16) There are 3 ECP's within E-2D Avionics that are on 3 different schedules, so funding cannot be analyzed at a level inflation rate. (17) Installation Kits N/R includes a Verification Kit in FY-16 and will install in FY-17. (18) Installation Kits N/R includes a Verification Kit in FY-15 and will install in FY-16.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - 003-15 E-2D Upper Transponder Antenna				
Models of Systems Affected: E-2D			Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	1.575	1.988	1.969	2.004	3.563	11.099
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	1.575	1.988	1.969	2.004	3.563	11.099
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	1.575	1.988	1.969	2.004	3.563	11.099
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The E-2D Upper Transponder Antenna (3-15) completes the integration of the APX-123 Mode 5/S Identification Friend or Foe (IFF) transponder capability. Mode 5/S replaces de-certified Mode 4 and civilian Mark XII IFF allowing the E-2D to operate worldwide with modern civilian and military air traffic management systems as required by the Chief of Naval Operations Communications, Navigation, Surveillance/Air Traffic Management (CNS/ATM) mandate. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: E-2D Upper Transponder Antenna integration and flight test began in FY13. Procurement of kits will begin in FY15.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 10 - 003-15 E-2D Upper Transponder Antenna					
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
003-15 E-2D Upper Transponder Antenna													
A Kits													
Recurring													
1.1.1) Upper Transponder Antenna - NonOrganic													
Subtotal Recurring													
B Kits													
Non-Recurring													
2.1.1) Installation Equipment N/R - Organic													
Subtotal Non-Recurring													
Total, 003-15 E-2D Upper Transponder Antenna													
Total Procurement, All Modifications													
Support													
3.1) Data													
3.2) ILS													
3.3) Support Equipment													
3.4) Other Support													
Total Support, All Modifications													
Total Procurement and Support													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - 003-15 E-2D Upper Transponder Antenna	
Models of Systems Affected: E-2D			Type Modification: Mission Performance Enhancements			Related RDT&E PEs:	
Manufacturer Information: 003-15 E-2D Upper Transponder Antenna							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 003-15 E-2D Upper Transponder Antenna							
Method of Implementation: Not Installed - Installation Equipment N/R					Installation Quantity: 47		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - 001-17 LINK 16 (MIDS/JTIDS for E-2C)				
Models of Systems Affected: E-2C			Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	4.631	2.709	0.616	7.956
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	4.631	2.709	0.616	7.956
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	4.631	2.709	0.616	7.956
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This funding will integrate and field the Link 16 capability into the E-2D with the Multifunctional Information Distribution System/Joint Tactical Radio System (MIDS/JTRS) terminal which will improve the performance against currently existing data links and contains the Link-16 crypto modernization upgrades. This funding also supports the software effort to integrate application standards into the mission computer and displays. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: JTIDS crypto modernization and frequency remapping E-2C system integration design begins in FY14. Flight test begins in FY15. Procurement of kits will begin in FY17.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 11 - 001-17 LINK 16 (MIDS/JTIDS for E-2C)					
Models of Systems Affected: E-2C			Type Modification: Mission Performance Enhancements					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
001-17 LINK 16 (MIDS/JTIDS for E-2C)													
A Kits													
Recurring													
1.1.1) LINK 16 (MIDS/JTIDS for E-2C) - Organic													
Subtotal Recurring													
Total, 001-17 LINK 16 (MIDS/JTIDS for E-2C)													
Total Procurement, All Modifications													
Support													
3.1) Data													
3.2) Engineering Change Orders													
3.3) ILS													
3.4) Training Equipment													
3.5) Support Equipment													
3.6) Other Support													
3.7) Interim Contractor Support													
Total Support, All Modifications													
Total Procurement and Support													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - 001-17 LINK 16 (MIDS/JTIDS for E-2C)	
Models of Systems Affected: E-2C			Type Modification: Mission Performance Enhancements			Related RDT&E PEs:	
Manufacturer Information: 001-17 LINK 16 (MIDS/JTIDS for E-2C)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 001-17 LINK 16 (MIDS/JTIDS for E-2C)							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - 002-17 E-2D Aircraft ACD's				
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	0.826	1.396	-	2.222
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	0.826	1.396	-	2.222
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	0.826	1.396	-	2.222
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Retrofit Initial Operational Test and Evaluation (IOT&E) Airframe Change Directives (ACDs) and Engineering Change Proposals (ECPs) into E-2D Low Rate Production (LRIP) aircraft. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: E-2D Aircraft Block 1B ACD development and design completed in FY12. Approved Block 1B ACD's production cut-in begins in FY13. Procurement of kits will begin in FY17.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - 002-17 E-2D Aircraft ACD's			
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
002-17 E-2D Aircraft ACD's													
A Kits													
Recurring													
1.1.1) E-2D 1B ACD Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.826	- / 1.396	- / -	8 / 2.222
<i>Subtotal Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.826	- / 1.396	- / -	8 / 2.222
<i>Total, 002-17 E-2D Aircraft ACD's</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.826	- / 1.396	- / -	8 / 2.222
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.826	- / 1.396	- / -	8 / 2.222
Support													
3.1) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Support, All Modifications</i>	0.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Procurement and Support</i>	0.000	-	-	-	-	-	-	-	0.826	1.396	-	2.222	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	-	0.826	1.396	-	2.222	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - 002-17 E-2D Aircraft ACD's	
Models of Systems Affected: E-2D			Type Modification: Mission Performance Enhancements			Related RDT&E PEs:	
Manufacturer Information: 002-17 E-2D Aircraft ACD's							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 002-17 E-2D Aircraft ACD's							
Method of Implementation: Not Installed - E-2D 1B ACD Kit				Installation Quantity: 8			

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 13 - 003-17 E-2D IBS-USB-ENTR			
Models of Systems Affected: E-2D				Type Modification: Missions Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	2.975	7.470	5.815	16.260
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	2.975	7.470	5.815	16.260
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	2.975	7.470	5.815	16.260
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Integrating the Universal Serial Bus-Embedded National Tactical Receiver (USB-ENTR) provides the E-2D capability to receive Integrated Broadcast Service (IBS) intelligence data from national assets for real-time, emergent threat or Combat ID data, compressing tactical engagement timeline for both Naval Integrated Fire Control - Counter Air (NIFC-CA) kill chains. Due to obsolescence of E-2C legacy MATT receiver, it was not included in E-2D baseline configuration. This capability is an E-2D baseline Capability Design Document (CDD) threshold requirement and supports gap identified at Fleet Forces Command (FFC) wargaming workshop. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: E-2D IBS-USB-ENTR system development and design begins in FY13. Flight test occurs in FY14. Procurement of kits will begin in FY17.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 13 - 003-17 E-2D IBS-USB-ENTR					
Models of Systems Affected: E-2D				Type Modification: Missions Performance Enhancements				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
003-17 E-2D IBS-USB-ENTR													
A Kits													
Recurring													
1.1.1) E-2D USB-ENTR - Organic													
Subtotal Recurring													
B Kits													
Recurring													
2.1.1) Installation Equipment - Recurring - Organic													
Subtotal Recurring													
Total, 003-17 E-2D IBS-USB-ENTR													
Total Procurement, All Modifications													
Support													
3.1) Support Equipment													
3.2) Training Equipment													
3.3) ILS													
3.4) Other Support													
3.5) Data													
Total Support, All Modifications													
Total Procurement and Support													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 13 - 003-17 E-2D IBS-USB-ENTR	
Models of Systems Affected: E-2D			Type Modification: Missions Performance Enhancements			Related RDT&E PEs:	
Manufacturer Information: 003-17 E-2D IBS-USB-ENTR							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 003-17 E-2D IBS-USB-ENTR			Method of Implementation: Not Installed - E-2D USB-ENTR			Installation Quantity: 33	
Installation: 003-17 E-2D IBS-USB-ENTR			Method of Implementation: Not Installed - Installation Equipment - Recurring			Installation Quantity: 33	
Installation: 003-17 E-2D IBS-USB-ENTR			Method of Implementation: Not Installed - Training Equipment			Installation Quantity: 4	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 14 - 004-17 E-2D AIS			

Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	1.197	3.263	2.614	7.074
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	1.197	3.263	2.614	7.074
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	1.197	3.263	2.614	7.074

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Automatic Identification System (AIS) is a tracking system which provides identification, course, and speed of maritime surface vessels. E-2D is a critical component in developing and maintaining the common tactical picture for naval and joint forces. AIS will provide enhanced maritime target Combat ID capability in support of Battlefield Management, Command and Control (BMC2) and Surface Warfare (SUW) mission capability. E-2D AIS supports Combat Identification (CID) gap identified at Fleet Forces Command (FFC) war gaming workshop and is an E-2D Capability Development Document (CDD) requirement (JROC approved March 3, 2009). AIS is already incorporated in the E-2C.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

E-2D AIS system development and design begins in FY13. Flight test occurs in FY14. Procurement of kits will begin in FY17.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 14 - 004-17 E-2D AIS					
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
004-17 E-2D AIS													
A Kits													
Recurring													
1.1.1) E-2D AIS Kits - Organic													
Subtotal Recurring													
B Kits													
Recurring													
2.1.1) Installation Equipment - Recurring - Organic													
Subtotal Recurring													
Total, 004-17 E-2D AIS													
Total Procurement, All Modifications													
Support													
3.1) Support Equipment													
3.2) Training Equipment													
3.3) ILS													
3.4) Other Support													
3.5) Data													
Total Support, All Modifications													
Total Procurement and Support													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 14 - 004-17 E-2D AIS	
Models of Systems Affected: E-2D			Type Modification: Mission Performance Enhancements			Related RDT&E PEs:	
Manufacturer Information: 004-17 E-2D AIS							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 004-17 E-2D AIS							
Method of Implementation: Not Installed - E-2D AIS Kits			Installation Quantity: 33				
Installation: 004-17 E-2D AIS							
Method of Implementation: Not Installed - Installation Equipment - Recurring			Installation Quantity: 33				
Installation: 004-17 E-2D AIS							
Method of Implementation: Not Installed - Training Equipment			Installation Quantity: 4				

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 15 - 001-18 E-2D MIDS/JTRS TTNT				
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	-	15.848	52.287	68.135
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	-	15.848	52.287	68.135
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	-	15.848	52.287	68.135
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Funding will be used to integrate and field the Multifunctional Information Distribution System (MIDS) Joint Tactical Radio System (JTRS) with the Tactical Targeting Network Technology (TTNT) wave form. This capability will integrate the current E-2D Link-16 data link architecture with a time-sensitive targeting technology as part of the Naval Integrated Fire Control-Counter Air concept for fleet air and missile defense. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: MIDS/JTRS TTNT system development and design began in FY14. Flight test occurs in FY16. Procurement of kits will begin in FY18.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 15 - 001-18 E-2D MIDS/JTRS TTNT			
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements						Related RDT&E PEs:			

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
001-18 E-2D MIDS/JTRS TTNT													
A Kits													
Recurring													
1.1.1) E-2D MIDS/JTRS TTNT - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.848	- / 52.287	- / 68.135
<i>Subtotal Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.848	- / 52.287	- / 68.135	
<i>Total, 001-18 E-2D MIDS/JTRS TTNT</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.848	- / 52.287	- / 68.135	
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.848	- / 52.287	- / 68.135	
Support													
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Total Support, All Modifications</i>	0.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Procurement and Support</i>	0.000	-	-	-	-	-	-	-	-	15.848	52.287	68.135	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	-	-	15.848	52.287	68.135	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 15 - 001-18 E-2D MIDS/JTRS TTNT	
Models of Systems Affected: E-2D			Type Modification: Mission Performance Enhancements			Related RDT&E PEs:	
Manufacturer Information: 001-18 E-2D MIDS/JTRS TTNT							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 001-18 E-2D MIDS/JTRS TTNT							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 16 - 002-18 E-2D IFR				
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	-	24.300	205.186	229.486
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	-	24.300	205.186	229.486
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	-	-	-	24.300	205.186	229.486
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The E-2D In-Flight Refueling (IFR) OSIP (2-18), will allow the E-2 to receive fuel from various organic and non-organic tanker aircraft. It will provide Expanded Battle Space Surveillance and Targeting through significantly enhanced persistence and increased flexibility (range & endurance). DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: IFR risk reduction began in FY12. Engineering & Manufacturing Development began in FY13. Preliminary Design Review is 1Q FY14 and Critical Design Review is 2Q FY15. Flight test occurs in FY17. Procurement of kits will begin in FY18.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 16 - 002-18 E-2D IFR			
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements						Related RDT&E PEs:			

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
002-18 E-2D IFR													
A Kits													
Recurring													
1.1.1) E-2D IFR - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.300	- / 205.186	- / 229.486
<i>Subtotal Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.300	- / 205.186	- / 229.486	
<i>Total, 002-18 E-2D IFR</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.300	- / 205.186	- / 229.486	
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.300	- / 205.186	- / 229.486	
Support													
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Total Support, All Modifications</i>	0.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Procurement and Support</i>	0.000	-	-	-	-	-	-	-	-	24.300	205.186	229.486	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	-	-	24.300	205.186	229.486	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 16 - 002-18 E-2D IFR	
Models of Systems Affected: E-2D			Type Modification: Mission Performance Enhancements			Related RDT&E PEs:	
Manufacturer Information: 002-18 E-2D IFR							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 002-18 E-2D IFR							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 17 - 003-18 E-2D SIPR CHAT				
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	-	4.266	18.067	22.333
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	-	4.266	18.067	22.333
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	-	4.266	18.067	22.333
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The E-2D Secret Internet Protocol Router Chat (SIPR) OSIP (3-18), will support the integration of current collaboration tools including tactical "chat" (text) communications, real-time tasking, and Air Tasking Order distribution. Recent real world operations have demonstrated a migration of Command and Control communications from voice to Internet protocol based networks. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: SIPR Chat system development and design began in FY14. Flight Test occurs in FY17. Procurement of kits will begin in FY18.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 17 - 003-18 E-2D SIPR CHAT			
Models of Systems Affected: E-2D				Type Modification: Mission Performance Enhancements						Related RDT&E PEs:			

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
003-18 E-2D SIPR CHAT													
A Kits													
Recurring													
1.1.1) E-2D SIPR CHAT - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.266	- / 18.067	- / 22.333
<i>Subtotal Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.266	- / 18.067	- / 22.333	
<i>Total, 003-18 E-2D SIPR CHAT</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.266	- / 18.067	- / 22.333	
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.266	- / 18.067	- / 22.333	
Support													
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Total Support, All Modifications</i>	0.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Procurement and Support</i>	0.000	-	-	-	-	-	-	-	-	4.266	18.067	22.333	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	-	-	4.266	18.067	22.333	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (Modification Number - Modification Title): 17 - 003-18 E-2D SIPR CHAT	
Models of Systems Affected: E-2D		Type Modification: Mission Performance Enhancements			Related RDT&E PEs:		
Manufacturer Information: 003-18 E-2D SIPR CHAT							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 003-18 E-2D SIPR CHAT		Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0		

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 18 - Inactive OSIPs				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,213.837	-	-	-	-	-	-	-	-	-	-	1,213.837
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,213.837	-	-	-	-	-	-	-	-	-	-	1,213.837
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,213.837	-	-	-	-	-	-	-	-	-	-	1,213.837
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (Modification Number - Modification Title): 18 - Inactive OSIPs					
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Inactive OSIPs													
A Kits													
Recurring													
1.1.1) INACTIVE OSIPS - Organic	- / 1,213.837	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,213.837	
Subtotal Recurring	- / 1,213.837	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,213.837	
Total, Inactive OSIPs	- / 1,213.837	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,213.837	
Total Procurement, All Modifications	- / 1,213.837	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,213.837	
Support													
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	1,213.837	-	-	-	-	-	-	-	-	-	-	1,213.837	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	1,213.837	-	-	-	-	-	-	-	-	-	-	1,213.837	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 18 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:	
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:			

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	160.852	18.290	34.284	43.720	-	43.720	36.512	49.606	46.953	57.897	200.218	648.332
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	160.852	18.290	34.284	43.720	-	43.720	36.512	49.606	46.953	57.897	200.218	648.332
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	160.852	18.290	34.284	43.720	-	43.720	36.512	49.606	46.953	57.897	200.218	648.332
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to a group of trainer aircraft which includes T-44A/C, and TH-57. The trainer aircraft are described as follows: The T-44 is a twin-engine, multi-seat turboprop aircraft produced by Hawker Beech Aircraft used to simulate operation of multi engine aircraft, specifically the P-3; the TH-57 is a single-engine, multi-seat rotary wing aircraft used for helicopter training. The overall goal of the modification is to maintain safe and reliable operation of the trainer aircraft through the timely installation of necessary changes. Total numbers for T-44 and TH-57 aircraft are 54 and 126, respectively. A total of 3 T-44A aircraft will be modified in FY14 to become T-44C aircraft (via the Avionics Systems Upgrade), bringing the total of T-44C aircraft to 54.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	P3A				85.919			15.475			17.930			20.074			-			20.074
2 - OSIP 006-07 TH-57 SAFETY UPGRADE	P3A				18.982			2.815			15.614			22.899			-			22.899
3 - OSIP 007-07 Wing Wiring	P3A				4.777			-			0.740			0.747			-			0.747
4 - Inactive OSIPs	P3A				51.174			-			-			-			-			-
Total Gross/Weapon System Cost					160.852			18.290			34.284			43.720			-			43.720

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0549 - Trainer Acft Series										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:							Other Related Program Elements:								
MDAP/MAIS Code(s):																				
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - OSIP 005-04 - T44 AVIONICS OBSCOLESCENCE	P3A				4.570			-			-			-			-			143.968
2 - OSIP 006-07 TH-57 SAFETY UPGRADE	P3A				31.942			49.606			46.953			57.897			200.218			446.926
3 - OSIP 007-07 Wing Wiring	P3A				-			-			-			-			-			6.264
4 - Inactive OSIPs	P3A				-			-			-			-			-			51.174
Total Gross/Weapon System Cost					36.512			49.606			46.953			57.897			200.218			648.332
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: The change from FY13 to FY14 was in the OSIP 005-04 T-44 Avionics Obsolescence Training Equipment cost element line. It was broken out to better reflect execution. Engineering Change Orders cost element line is necessary because avionics obsolescence will be required to be replaced due to technology improvements. This will be the last device and the Government is preparing for engineering changes that will be required to support these products to 2025. Data Publications will be required in FY14 to support the logistics footprint for the life cycle of this product. This funding will support technical publication development, updates and deliverables to support these devices to 2025. ILS in FY14 is required to support the current and future logistics integrated into these devices. Without this element, supportability and sustainability of these devices will not be capable.																				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - OSIP 005-04 - T44 AVIONICS OBSOLESCENCE				
Models of Systems Affected: T-44A/C			Type Modification: Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	85.919	15.475	17.930	20.074	-	20.074	4.570	-	-	-	-	143.968
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	85.919	15.475	17.930	20.074	-	20.074	4.570	-	-	-	-	143.968
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	85.919	15.475	17.930	20.074	-	20.074	4.570	-	-	-	-	143.968
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The T-44A Avionics are becoming non-supportable due to non-availability of parts. The following analog avionics systems require replacement: NCS-31A Area Navigation/Control System, AP-106 Autopilot, Flight Director, digital engine gauges and the RDR-130 Weather Radar. Avionics are being returned from the repair vendor Beyond Economical Repair (BER) due to non-availability of parts. Spare units are not available in the commercial market. Following these Avionics Upgrades the aircraft are designated T-44C; includes funding for changes to Ground Based Training Systems (simulators) to align trainers to T-44C aircraft configuration. IMPACT: As avionics become BER due to lack of parts, spares are being depleted. Lack of avionics will ground aircraft and severely degrade Chief of Naval Air Training's ability to meet Pilot Training Requirements. Current plans call for T-44 to fly its training mission until 2025. There are 54 T-44A in the inventory and all 54 will receive this modification. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: The T-44 Avionics Obsolescence (Operational, Safety, and Improvement Program 05-04) non-recurring engineering occurred in FY04. Commercially available Non-Development Item kit procurement began in FY05 and installations in FY05. Beginning in FY13, kits were commercially procured via Fleet Support Team (FST) contract but installed by Naval Air Station (NAS) Jacksonville Fleet Readiness Center (FRC). In FY14, kits will be commercially procured via FST contract but installed by NAS Jacksonville FRC.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				Modification Nomenclature (Modification Number - Modification Title): 1 - OSIP 005-04 - T44 AVIONICS OBSOLESCENCE					
Models of Systems Affected: T-44A/C				Type Modification: Safety				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
OSIP 005-04 - T44 AVIONICS OBSOLESCENCE													
A Kits													
Recurring													
1.1.1) Install Kits - A kits - NonOrganic ⁽¹⁾	48 / 11.841	3 / 0.675	3 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 13.266	
Subtotal Recurring	48 / 11.841	3 / 0.675	3 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 13.266	
Non-Recurring													
1.2.1) Installation Kits Non-recurring - Organic	3 / 5.641	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 5.641	
Subtotal Non-Recurring	3 / 5.641	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 5.641	
B Kits													
Recurring													
2.1.1) Install Kits - B kits - Organic	48 / 39.978	3 / 3.662	3 / 3.902	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 47.542	
2.1.2) Digital Engine Gauges (B kits) - Organic	- / -	10 / 0.610	3 / 0.187	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.797	
2.1.3) Digital Engine Gauges - "O" level installation - Organic	- / -	16 / 0.965	7 / 0.459	18 / 1.187	- / -	18 / 1.187	- / -	- / -	- / -	- / -	- / -	41 / 2.611	
Subtotal Recurring	48 / 39.978	29 / 5.237	13 / 4.548	18 / 1.187	- / -	18 / 1.187	- / -	- / -	- / -	- / -	- / -	108 / 50.950	
Total, OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	99 / 57.460	32 / 5.912	16 / 5.298	18 / 1.187	- / -	18 / 1.187	- / -	- / -	- / -	- / -	- / -	165 / 69.857	
Total Procurement, All Modifications	99 / 57.460	32 / 5.912	16 / 5.298	18 / 1.187	- / -	18 / 1.187	- / -	- / -	- / -	- / -	- / -	165 / 69.857	
Support													
3.1) Engineering Change Orders	- / -	- / -	- / -	- / 3.100	- / -	- / 3.100	- / -	- / -	- / -	- / -	- / -	- / 3.100	
3.2) DATA - Publications	- / 0.344	- / -	- / -	- / 2.403	- / -	- / 2.403	- / -	- / -	- / -	- / -	- / -	- / 2.747	
3.3) Training Equipment ⁽²⁾	14 / 22.555	- / 0.152	- / 2.713	- / 3.400	- / -	- / 3.400	- / 2.285	- / -	- / -	- / -	- / -	14 / 31.105	
3.4) ILS	- / -	- / -	- / -	- / 2.400	- / -	- / 2.400	- / -	- / -	- / -	- / -	- / -	- / 2.400	
3.5) Other Support ⁽³⁾	- / 1.875	- / 1.459	- / 1.613	- / 1.801	- / -	- / 1.801	- / 2.285	- / -	- / -	- / -	- / -	- / 9.033	
3.6) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	24.774	1.611	4.326	13.104	-	13.104	4.570	-	-	-	-	48.385	
Total Procurement and Support	82.234	7.523	9.624	14.291	-	14.291	4.570	-	-	-	-	118.242	
OSIP 005-04 - T44 AVIONICS OBSOLESCENCE Installation Cost	- / 3.685	- / 7.952	- / 8.306	- / 5.783	- / -	- / 5.783	- / -	- / -	- / -	- / -	- / -	- / 25.726	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series					Modification Nomenclature (Modification Number - Modification Title): 1 - OSIP 005-04 - T44 AVIONICS OBSOLESCENCE			
Models of Systems Affected: T-44A/C			Type Modification: Safety					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Installation Cost	- / 3.685	- / 7.952	- / 8.306	- / 5.783	- / -	- / 5.783	- / -	- / -	- / -	- / -	- / -	- / 25.726
Total Cost (Procurement + Support + Installation)	85.919	15.475	17.930	20.074	-	20.074	4.570	-	-	-	-	143.968

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				Modification Nomenclature (Modification Number - Modification Title): 1 - OSIP 005-04 - T44 AVIONICS OBSOLESCENCE																								
Models of Systems Affected: T-44A/C				Type Modification: Safety				Related RDT&E PEs:																								
Manufacturer Information: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE																																
Manufacturer Name: Government Field Mod Team								Manufacturer Location: FRC SE																								
Administrative Leadtime (in Months): 1								Production Leadtime (in Months): 12																								
Dates	FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																			
Contract Dates	Jul 2012		Nov 2012																													
Delivery Dates	Oct 2012		Oct 2013																													
Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE				Method of Implementation: FRC SE Government Field Mod Team				Installation Name: Install Kits																								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																				
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																				
All Prior Years	31 / 3.685	10 / 7.952	7 / 5.814	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 17.451																				
FY 2012	- / -	- / -	3 / 2.492	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 2.492																				
FY 2013	- / -	- / -	- / -	3 / 5.783	- / -	3 / 5.783	- / -	- / -	- / -	- / -	- / -	3 / 5.783																				
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
Total	31 / 3.685	10 / 7.952	10 / 8.306	3 / 5.783	- / -	3 / 5.783	- / -	- / -	- / -	- / -	- / -	54 / 25.726																				
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	31	3	3	2	2	3	3	3	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54
Out	31	3	3	2	2	3	3	3	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54
Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE													Method of Implementation: Not Installed - Installation Kits Non-recurring				Installation Quantity: 3															
Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE													Method of Implementation: Organic - Install Kits - B kits				Installation Quantity: 54															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - OSIP 005-04 - T44 AVIONICS OBSOLESCENCE
Models of Systems Affected: T-44A/C	Type Modification: Safety	Related RDT&E PEs:
Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	Method of Implementation: Organic - Digital Engine Gauges (B kits)	Installation Quantity: 13
Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	Method of Implementation: Organic - Digital Engine Gauges - "O" level installation	Installation Quantity: 41
Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	Method of Implementation: Organic - Training Equipment	Installation Quantity: 14
Footnotes: (1) 1. NAS Jacksonville Fleet Support Team (FST) procures kits via contract with DLA. Installs are completed by the FRC. (2) In FY13 to FY14 Training Equipment (CE 3.3) exceeds OSD/OMB inflation rate because we had to pay licensing fees to Rockwell Collins because of the proprietary data in SN2. (3) In FY13 to FY 14 Other Support (CE 3.5) exceeds OSD/OMB inflation rate because TSD labor increased. Increased labor is due to completion of SETR events, engineering milestones and acquisition planning in support of SN2.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - OSIP 006-07 TH-57 SAFETY UPGRADE			
Models of Systems Affected: TH-57B/C			Type Modification: Conversion/Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	18.982	2.815	15.614	22.899	-	22.899	31.942	49.606	46.953	57.897	200.218	446.926
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	18.982	2.815	15.614	22.899	-	22.899	31.942	49.606	46.953	57.897	200.218	446.926
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	18.982	2.815	15.614	22.899	-	22.899	31.942	49.606	46.953	57.897	200.218	446.926
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The TH-57 is the sole platform for primary and advanced helicopter flight training for student aviators (United States Navy, United States Marine Corps, United States Coast Guard) and foreign military pilots. This modernization effort capitalizes on technology improvements to aircraft and Ground Based Training Systems (GBTS) by increasing aircrew survivability and situational awareness while providing a fleet representative digital cockpit capable of flying in national airspace after the FY20 mandate to incorporate NextGen requirements. GBTS equipment includes full Flight Simulator Training Devices, Cockpit Procedural Trainers, Computer-based training and courseware to support cockpit modification upgrade. Obsolescence upgrades are to replace avionics purchased in 1981 through 1985, when the TH-57B and TH-57C aircraft were originally purchased. To avoid Training Wing FIVE rotary wing pilot throughput disruption, Chief of Naval Air Training requires a proportional number of TH-57D configured simulators, cockpit procedure trainers, and courseware delivered coincident with the TH-57D aircraft conversion. Recent contractor delivery delays of a Federal Aviation Administration Supplemental Type Certificate approving the cockpit configuration have necessitated a schedule adjustment and realignment of funding to properly align GBTS and aircraft modification delivery timelines. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The components of this block upgrade will be Commercial Off The Shelf.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				Modification Nomenclature (Modification Number - Modification Title): 2 - OSIP 006-07 TH-57 SAFETY UPGRADE					
Models of Systems Affected: TH-57B/C				Type Modification: Conversion/Safety				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
OSIP 006-07 TH-57 SAFETY UPGRADE													
A Kits													
Recurring													
1.1.1) Installation Kits - A kits - NonOrganic ⁽⁴⁾	1 / 2.810	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.370	22 / 5.790	95 / 32.140	127 / 43.110	
Subtotal Recurring	1 / 2.810	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.370	22 / 5.790	95 / 32.140	127 / 43.110	
Non-Recurring													
1.2.1) Installation Kits Non-recurring. - NonOrganic	- / 2.656	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.656	
Subtotal Non-Recurring	- / 2.656	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.656	
B Kits													
Recurring													
2.1.1) Installation Equipment - B kits - Organic	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 4.810	22 / 11.760	95 / 65.260	126 / 81.850	
2.1.2) Airspace Compliance - B kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.097	19 / 0.236	98 / 1.260	126 / 1.593	
Subtotal Recurring	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 4.907	41 / 11.996	193 / 66.520	252 / 83.443	
Total, OSIP 006-07 TH-57 SAFETY UPGRADE	1 / 5.486	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 7.277	63 / 17.786	288 / 98.660	379 / 129.209	
Total Procurement, All Modifications	1 / 5.486	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 7.277	63 / 17.786	288 / 98.660	379 / 129.209	
Support													
3.1) DATA - Publications ⁽⁵⁾	- / 0.031	- / -	- / 0.560	- / 0.638	- / -	- / 0.638	- / 0.601	- / 0.218	- / 0.222	- / -	- / -	- / 2.270	
3.2) Training Equipment - Trainer OFT ⁽⁶⁾	- / 7.971	- / -	- / 9.554	- / 15.798	- / -	- / 15.798	- / 24.749	- / 42.709	- / 28.364	- / 25.487	- / 24.074	- / 178.706	
3.3) ILS	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.670	- / 1.700	- / 7.980	- / 11.350	
3.4) Other Support ⁽⁷⁾	- / 4.280	- / 2.815	- / 5.500	- / 6.463	- / -	- / 6.463	- / 6.592	- / 6.679	- / 7.030	- / 7.074	- / 37.054	- / 83.487	
3.5) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	12.282	2.815	15.614	22.899	-	22.899	31.942	49.606	37.286	34.261	69.108	275.813	
Total Procurement and Support	17.768	2.815	15.614	22.899	-	22.899	31.942	49.606	44.563	52.047	167.768	405.022	
OSIP 006-07 TH-57 SAFETY UPGRADE Installation Cost	- / 1.214	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.390	- / 5.850	- / 32.450	- / 41.904	
Total Installation Cost	- / 1.214	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.390	- / 5.850	- / 32.450	- / 41.904	
Total Cost (Procurement + Support + Installation)	18.982	2.815	15.614	22.899	-	22.899	31.942	49.606	46.953	57.897	200.218	446.926	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - OSIP 006-07 TH-57 SAFETY UPGRADE
Models of Systems Affected: TH-57B/C	Type Modification: Conversion/Safety	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0549 - Trainer Acft Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - OSIP 006-07 TH-57 SAFETY UPGRADE															
Models of Systems Affected: TH-57B/C				Type Modification: Conversion/Safety								Related RDT&E PEs:																			
Manufacturer Information: OSIP 006-07 TH-57 SAFETY UPGRADE																															
Manufacturer Name: Contractor Field Mod Team														Manufacturer Location: TBD																	
Administrative Leadtime (<i>in Months</i>): 1														Production Leadtime (<i>in Months</i>): 3																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																						Oct 2016				Oct 2017					
Delivery Dates																						Jan 2017				Jan 2018					
Installation: OSIP 006-07 TH-57 SAFETY UPGRADE								Method of Implementation: Contractor Field Mod Team										Installation Name: Install Kits													
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 1.214		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		0 / 1.214					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 2.390		- / -		- / -		9 / 2.390					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		19 / 5.850		3 / 1.050		22 / 6.900					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		95 / 31.400		95 / 31.400					
Total		0 / 1.214		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 2.390		19 / 5.850		98 / 32.450		126 / 41.904					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	-	7	7	5	98	126
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	-	7	7	5	98	126
Installation: OSIP 006-07 TH-57 SAFETY UPGRADE								Method of Implementation: Organic - Installation Equipment - B kits										Installation Quantity: 126													
Installation: OSIP 006-07 TH-57 SAFETY UPGRADE								Method of Implementation: Organic - Airspace Compliance - B kits										Installation Quantity: 126													

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - OSIP 006-07 TH-57 SAFETY UPGRADE
Models of Systems Affected: TH-57B/C	Type Modification: Conversion/Safety	Related RDT&E PEs:
Footnotes: (4) FY09 PY quantity of 2 removed. (5) In FY13 to FY14 Data Pubs (CE 3.1) exceeds OSD/OMB inflation rate because it includes data collection and pub development plus paying for a review/approval from 4.0P (Air Worthiness). (6) Three simulator kits installed in FY10. In FY13 to FY14 Training Equipment (CE 3.2) exceeds the OSD/OMB inflation rate due to procurement of the first simulator. (7) In FY12 to FY13 Other Support (CE 3.4) exceeds the OSD/OMB inflation rate due to labor needed to start building the simulators but there was a schedule slip in this effort. The effort/labor was moved to FY13. In FY13 to FY14 Other Support (CE 3.4) exceeds the OSD/OMB inflation rate due to T&E labor needed to test the aircraft.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				Modification Nomenclature (Modification Number - Modification Title): 3 - OSIP 007-07 Wing Wiring				
Models of Systems Affected: T-44-A/C			Type Modification: Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4.777	-	0.740	0.747	-	0.747	-	-	-	-	-	6.264
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4.777	-	0.740	0.747	-	0.747	-	-	-	-	-	6.264
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4.777	-	0.740	0.747	-	0.747	-	-	-	-	-	6.264
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Naval Air Systems Command Wiring System Team, AIR-4.4.4.3, completed a Wiring Integrity Study on the T-44A in FY02 and identified that the aircraft wiring, outside the pressure vessel, has deteriorated to an unacceptable condition. It was recommended that the wiring in the wings, from pressure vessel outward (including the engines) be replaced. Current Navy long-term plans are to operate the T-44A aircraft until the year 2025. In order to safely and economically maintain aircraft availability and Pilot Training Requirements, it is necessary to replace the wiring. Note that aircraft designated T-44A are redesignated T-44C upon completion of Avionics Obsolescence (Operational, Safety, and Improvement Program 005-04) Modifications. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Wing rewire will be accomplished in conjunction with Avionics Upgrade Mod (OSIP 05-04). Naval Air Station Jacksonville Fleet Readiness Center (FRC) are now able to fabricate the wiring kits. Beginning in FY13, kits were not procured via Fleet Support Team (FST) contract, but fabricated by FRC Jacksonville. In FY14, kits will not be procured via FST contract, but fabricated by FRC Jacksonville.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				Modification Nomenclature (Modification Number - Modification Title): 3 - OSIP 007-07 Wing Wiring					
Models of Systems Affected: T-44-A/C				Type Modification: Safety				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
OSIP 007-07 Wing Wiring													
A Kits													
Recurring													
1.1.1) Installation Kits - Wing Wiring - NonOrganic ⁽⁸⁾	48 / 4.591	- / -	3 / 0.740	3 / 0.747	- / -	3 / 0.747	- / -	- / -	- / -	- / -	- / -	54 / 6.078	
Subtotal Recurring	48 / 4.591	- / -	3 / 0.740	3 / 0.747	- / -	3 / 0.747	- / -	- / -	- / -	- / -	- / -	54 / 6.078	
Total, OSIP 007-07 Wing Wiring	48 / 4.591	- / -	3 / 0.740	3 / 0.747	- / -	3 / 0.747	- / -	- / -	- / -	- / -	- / -	54 / 6.078	
Total Procurement, All Modifications	48 / 4.591	- / -	3 / 0.740	3 / 0.747	- / -	3 / 0.747	- / -	- / -	- / -	- / -	- / -	54 / 6.078	
Support													
2.1) Support Equipment	- / 0.048	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.048	
2.2) Interim Contractor Support	- / 0.138	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.138	
2.3) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.4) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.5) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.6) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.7) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.186	-	-	-	-	-	-	-	-	-	-	0.186	
Total Procurement and Support	4.777	-	0.740	0.747	-	0.747	-	-	-	-	-	6.264	
OSIP 007-07 Wing Wiring Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	4.777	-	0.740	0.747	-	0.747	-	-	-	-	-	6.264	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0549 - Trainer Acft Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - OSIP 007-07 Wing Wiring											
Models of Systems Affected: T-44-A/C										Type Modification: Safety										Related RDT&E PEs:											
Manufacturer Information: OSIP 007-07 Wing Wiring																															
Manufacturer Name: Government Field Mod Team ⁽⁹⁾															Manufacturer Location: FRC SE																
Administrative Leadtime (<i>in Months</i>): 0															Production Leadtime (<i>in Months</i>): 0																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: OSIP 007-07 Wing Wiring										Method of Implementation: Concurrent with Avionics Upgrade Modification at Fleet Readiness Center NAS Jacksonville										Installation Name: Installation Kits - Wing Wiring											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years		48 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 0.000																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	3 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / -																		
FY 2014		- / -	- / -	- / -	3 / -	- / -	3 / -	- / -	- / -	- / -	- / -	- / -	3 / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		48 / 0.000	- / -	3 / -	3 / -	- / -	3 / -	- / -	- / -	- / -	- / -	- / -	54 / -																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	48	-	-	-	-	1	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54
Out	48	-	-	-	-	1	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54
Footnotes: ⁽⁸⁾ Installations are funded out of OSIP 05-04, Avionics Obsolescence; FY13 and FY14 kits are installed same year manufactured ⁽⁹⁾ Concurrent with Avionics Upgrade Modification at Fleet Readiness Center NAS Jacksonville. 1. Installs funded out of OSIP 05-04																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	51.174	-	-	-	-	-	-	-	-	-	-	51.174
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	51.174	-	-	-	-	-	-	-	-	-	-	51.174
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	51.174	-	-	-	-	-	-	-	-	-	-	51.174
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Inactive OSIPs													
A Kits													
Recurring													
1.1.1) Inactive OSIPs - Organic	- / 51.174	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.174	
<i>Subtotal Recurring</i>	- / 51.174	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.174	
<i>Total, Inactive OSIPs</i>	- / 51.174	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.174	
<i>Total Procurement, All Modifications</i>	- / 51.174	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.174	
Total Procurement and Support	51.174	-	-	-	-	-	-	-	-	-	-	51.174	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	51.174	-	-	-	-	-	-	-	-	-	-	51.174	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0549 - Trainer Acft Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:	
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0556 - C-2A

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	435.392	16.284	4.743	0.902	-	0.902	-	4.570	4.651	4.710	7.966	479.218
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	435.392	16.284	4.743	0.902	-	0.902	-	4.570	4.651	4.710	7.966	479.218
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	435.392	16.284	4.743	0.902	-	0.902	-	4.570	4.651	4.710	7.966	479.218

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The C-2A(R) Greyhound is a high wing monoplane, twin engine turbo-prop aircraft capable of operating from both a shore base and all operational United States Navy aircraft carrier classes. The mission of the C-2A(R) is to provide rapid response Carrier Onboard Delivery of fleet essential supplies, repair parts, and personnel to sustain at sea operations of deployed battle groups. In addition, the C-2A(R) provides airdrop delivery and mobilization support for special operations forces from land bases and carriers. The design service life of the C-2A(R) is 10,000 flight hours with 15,000 landings. Service Life Extension Program (SLEP) modifications increase the service life to 15,000 flight hours and 36,000 landings, remove and replace all aircraft wiring and install various upgrades to allow C-2A(R) to meet requirements into the next decade. The overall goal of the modifications is to continue procurement efforts for the C-2A(R) SLEP (24-94) and the Critical Components Program (11-07). Critical Components are composed of Alighting & Landings, Avionics Upgrades, Engine Power & Propulsion, Hydraulic's, and Structural/Pressurization Engineering Change Proposals. The C-2 Critical Brake Upgrade Operational Safety Improvement Program (4-16) provides funding for air vehicle modifications to improve operational ground controllability of C-2A aircraft.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - 024-94 C-2A SLEP	P3A				417.782			14.616			3.974			-			-			-
2 - 011-07 Critical Components	P3A				10.510			1.668			0.769			0.902			-			0.902
3 - 004-16 C-2 Critical Brake Upgrade	P3A				0.000			-			-			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0556 - C-2A									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4 - Inactive OSIPS	P3A				7.100			-			-			-			-			-
Total Gross/Weapon System Cost					435.392			16.284			4.743			0.902			-			0.902

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - 024-94 C-2A SLEP	P3A			-			-			-			-			-			436.372	
2 - 011-07 Critical Components	P3A			-			-			-			-			-			13.849	
3 - 004-16 C-2 Critical Brake Upgrade	P3A			-			4.570			4.651			4.710			7.966			21.897	
4 - Inactive OSIPS	P3A			-			-			-			-			-			7.100	
Total Gross/Weapon System Cost				-			4.570			4.651			4.710			7.966			479.218	

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 The current C-2A(R) SLEP modification programs (Rewire & NP2000) complete in FY13. The Critical Components program will complete in FY14, while the the C-2 Critical Brake Upgrade Operational Safety Improvement Program begins in FY16.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 024-94 C-2A SLEP				
Models of Systems Affected: C-2A(R) Aircraft			Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	417.782	14.616	3.974	-	-	-	-	-	-	-	-	436.372
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	417.782	14.616	3.974	-	-	-	-	-	-	-	-	436.372
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	417.782	14.616	3.974	-	-	-	-	-	-	-	-	436.372
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The C-2A(R) Block Upgrade/Service Life Extension Program extends the Navy's Carrier Onboard Delivery capability beyond current projected service life. Efforts funded in this Operational Safety and Improvement Program (OSIP) include Structural Enhancements, Aircraft Rewiring, L-Probe Kit, CAINS II, ARC-210 Radios, Trim Actuators, Outer Wing Panel Enhancements, and NP-2000 (8 bladed propeller). DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Development and Operational Testing (DT and OT) have been completed for the Structures and Rewire efforts included in this OSIP. Aircraft Rewire effort experienced technical difficulties during initial validation process and program was restructured resulting in a 2 year slip. Procurement of Rewire kits commenced in FY06. NP2000 has also experienced delays due to test article issues related to the program. It has also experienced a two year slip and has been restructured. DT and OT for NP2000 completed in 1st Qtr FY 2008. All current C-2A SLEP/Modifications programs (Rewire & NP2000) complete in FY13. Current Active Modifications: NP2000 Rewire (AFC-162) ARCHIVE Modifications: ARC-210, CAINS II (AFC-156), Interim AFC, Interim AFC - DERF, L-Probe (AFC-161), NP2000 Val/Ver, OWP Conversion (AYC-A), OWP Enhancement (AFC-378), OWP Enhancement (AFC-Y), Rewire (AFC-162) Val/Ver/old design, Rewire (AFC-162) DERF, Structure (AFC-171) DERF, Structure Kit (AFC-171), Trim Actuator												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - 024-94 C-2A SLEP
Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A				Modification Nomenclature (Modification Number - Modification Title): 1 - 024-94 C-2A SLEP				
Models of Systems Affected: C-2A(R) Aircraft			Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
024-94 C-2A SLEP												
A Kits												
Recurring												
1.1.1) NP2000 - NonOrganic	18 / 1.895	1 / 0.075	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 1.970
1.1.2) Rewire (AFC-162) - NonOrganic	31 / 24.032	1 / 0.577	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 24.609
1.1.3) ARCHIVE Modifications - Organic ⁽¹⁾	319 / 37.326	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	319 / 37.326
1.1.4) PY Installs - Organic	- / 61.744	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 61.744
Subtotal Recurring	368 / 124.997	2 / 0.652	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	370 / 125.649
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	6 / 45.278	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 45.278
Subtotal Non-Recurring	6 / 45.278	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 45.278
B Kits												
Recurring												
2.1.1) Installation Equipment - CAINS II B Kits - Organic	50 / 6.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 6.105
Subtotal Recurring	50 / 6.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 6.105
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 4.244	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.244
Subtotal Non-Recurring	- / 4.244	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.244
Total, 024-94 C-2A SLEP	424 / 180.624	2 / 0.652	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	426 / 181.276
Total Procurement, All Modifications	424 / 180.624	2 / 0.652	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	426 / 181.276
Support												
3.1) Data	- / 17.118	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.118
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 9.331	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.331
3.4) Support Equipment	- / 4.911	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.911
3.5) Total ILS	- / 7.383	- / 0.401	- / 0.317	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.101
3.6) Other Support	- / 151.018	- / 0.386	- / 1.086	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 152.490
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	189.761	0.787	1.403	-	-	-	-	-	-	-	-	191.951

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0556 - C-2A		Modification Nomenclature (Modification Number - Modification Title): 1 - 024-94 C-2A SLEP	
Models of Systems Affected: C-2A(R) Aircraft		Type Modification: Mission Performance Enhancements		Related RDT&E PEs:	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<i>Total Procurement and Support</i>	370.385	1.439	1.403	-	-	-	-	-	-	-	-	373.227
024-94 C-2A SLEP Installation Cost	- / 47.397	- / 13.177	- / 2.571	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 63.145
<i>Total Installation Cost</i>	- / 47.397	- / 13.177	- / 2.571	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 63.145
Total Cost (Procurement + Support + Installation)	417.782	14.616	3.974	-	-	-	-	-	-	-	-	436.372

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0556 - C-2A		Modification Nomenclature (Modification Number - Modification Title): 1 - 024-94 C-2A SLEP
Models of Systems Affected: C-2A(R) Aircraft		Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Manufacturer Information: 024-94 C-2A SLEP							
Manufacturer Name: NP2000				Manufacturer Location: Not Specified			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Oct 2011						
Delivery Dates	Oct 2012						
Manufacturer Name: Rewire (AFC-162)				Manufacturer Location: Not Specified			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 14			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Oct 2011						
Delivery Dates	Dec 2012						

Installation: 024-94 C-2A SLEP				Method of Implementation: Concurrent with PMI Drive in Mod				Installation Name: NP2000				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	10 / 1.723	8 / 1.855	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 3.578
FY 2012	- / -	- / -	1 / 0.239	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.239
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	10 / 1.723	8 / 1.855	1 / 0.239	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 3.817

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0556 - C-2A	
		Modification Nomenclature (Modification Number - Modification Title): 1 - 024-94 C-2A SLEP	
Models of Systems Affected: C-2A(R) Aircraft		Type Modification: Mission Performance Enhancements	
		Related RDT&E PEs:	

Installation: 024-94 C-2A SLEP										Method of Implementation: Concurrent with PMI Drive in Mod										Installation Name: NP2000											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
In	10	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	
Out	10	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	

Installation: 024-94 C-2A SLEP			Method of Implementation: Concurrent with PMI & Field Mod Team					Installation Name: Rewire (AFC-162)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	26 / 45.674	5 / 11.322	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 56.996
FY 2012	- / -	- / -	1 / 2.332	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.332
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	26 / 45.674	5 / 11.322	1 / 2.332	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 59.328

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	26	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	
Out	26	-	-	-	2	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	

Installation: 024-94 C-2A SLEP										Method of Implementation: Not Installed - ARCHIVE Modifications										Installation Quantity: 319									
Installation: 024-94 C-2A SLEP										Method of Implementation: Not Installed - Installation Kits N/R										Installation Quantity: 6									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 024-94 C-2A SLEP
Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
Installation: 024-94 C-2A SLEP	Method of Implementation: Not Installed - Installation Equipment - CAINS II B Kits	Installation Quantity: 50
Footnotes: ⁽¹⁾ Archived installs are in the PYs, please see PY install cost element.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 011-07 Critical Components				
Models of Systems Affected: C-2A(R) Aircraft				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10.510	1.668	0.769	0.902	-	0.902	-	-	-	-	-	13.849
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	10.510	1.668	0.769	0.902	-	0.902	-	-	-	-	-	13.849
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	10.510	1.668	0.769	0.902	-	0.902	-	-	-	-	-	13.849
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The C-2A(*R) Service Life Extension Program (SLEP) extends the Navy's Carrier Onboard Delivery capability beyond current projected service life. With this longer air vehicle life, problems with other non-SLEP systems require upgrade/modifications. This Operational Safety and Improvement Program procures a portion of the Critical Components avionics, hydraulics, structural, fuel, and power/electrical and propulsion subsystems. Basis for FY14 request is to procure 6 kits for ECP Structural for the incorporation of Nacelle Interchangeability and it's associated program support. Current Active Modifications: Structural ARCHIVE Modifications: Avionics Upgrade Engine Power & Propulsion Structural/Pressurization												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A					Modification Nomenclature (Modification Number - Modification Title): 2 - 011-07 Critical Components			
Models of Systems Affected: C-2A(R) Aircraft			Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
011-07 Critical Components												
A Kits												
Recurring												
1.1.1) Structural - Organic ⁽²⁾	14 / 0.127	7 / 0.068	7 / 0.071	6 / 0.064	- / -	6 / 0.064	- / -	- / -	- / -	- / -	- / -	34 / 0.330
1.1.2) ARCHIVE Modification - Organic ⁽³⁾	105 / 4.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	105 / 4.025
1.1.3) PY Installs - Organic	- / 0.461	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.461
Subtotal Recurring	119 / 4.613	7 / 0.068	7 / 0.071	6 / 0.064	- / -	6 / 0.064	- / -	- / -	- / -	- / -	- / -	139 / 4.816
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	8 / 1.637	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.637
Subtotal Non-Recurring	8 / 1.637	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.637
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	- / 0.470	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.470
Subtotal Recurring	- / 0.470	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.470
Total, 011-07 Critical Components	127 / 6.720	7 / 0.068	7 / 0.071	6 / 0.064	- / -	6 / 0.064	- / -	- / -	- / -	- / -	- / -	147 / 6.923
Total Procurement, All Modifications	127 / 6.720	7 / 0.068	7 / 0.071	6 / 0.064	- / -	6 / 0.064	- / -	- / -	- / -	- / -	- / -	147 / 6.923
Support												
3.1) Data	- / 0.370	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.370
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.013
3.4) Support Equipment	- / 0.007	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.007
3.5) ILS	- / 0.071	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.071
3.6) Other Support ⁽⁴⁾	- / 3.329	- / 1.600	- / 0.698	- / 0.838	- / -	- / 0.838	- / -	- / -	- / -	- / -	- / -	- / 6.465
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	3.790	1.600	0.698	0.838	-	0.838	-	-	-	-	-	6.926
Total Procurement and Support	10.510	1.668	0.769	0.902	-	0.902	-	-	-	-	-	13.849
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	10.510	1.668	0.769	0.902	-	0.902	-	-	-	-	-	13.849

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - 011-07 Critical Components	
Models of Systems Affected: C-2A(R) Aircraft			Type Modification: Mission Performance Enhancements		Related RDT&E PEs:		
Manufacturer Information: 011-07 Critical Components							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 011-07 Critical Components							
Method of Implementation: Organic - Structural				Installation Quantity: 34			
Installation: 011-07 Critical Components							
Method of Implementation: Not Installed - ARCHIVE Modification				Installation Quantity: 105			
Installation: 011-07 Critical Components							
Method of Implementation: Not Installed - Installation Kits N/R				Installation Quantity: 8			
Footnotes: ⁽²⁾ Multiple ECP's are starting and stopping within the Critical Components program, so funding cannot be analyzed at a level inflation rate. ⁽³⁾ All installs are in the PYs, please see PY install cost element. ⁽⁴⁾ Multiple ECP's are starting and stopping within the Critical Components program, so funding cannot be analyzed at a level inflation rate.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A					Modification Nomenclature (Modification Number - Modification Title): 3 - 004-16 C-2 Critical Brake Upgrade			
Models of Systems Affected: C-2A(R) Aircraft				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	-	-	-	-	4.570	4.651	4.710	7.966	21.897
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	-	-	-	-	4.570	4.651	4.710	7.966	21.897
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	-	-	-	-	4.570	4.651	4.710	7.966	21.897
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The C-2A (R) Greyhound Critical Brake Upgrade adds an Anti-Skid Brake System (ABS) to the aircraft which enhances ground controllability for all operational runway conditions and lengths including aborted takeoffs. C-2A(R) Critical Brake Upgrade is an FY16 new start. Basis for FY16 request is to procure 7 Ground Controllability kits and it's associated program support. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Preliminary Design Review will take place 2ND QTR of FY13. Critical Design Review will take place 3RD QTR of FY13. Flight Testing will begin 2ND QTR of FY15. NOTE: Due to the delayed start and funding adjustment to the C-2 RDT&E program, the Critical Brake Upgrade OSIP was adjusted from FY-14 to FY-16.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A				Modification Nomenclature (Modification Number - Modification Title): 3 - 004-16 C-2 Critical Brake Upgrade				
Models of Systems Affected: C-2A(R) Aircraft			Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
004-16 C-2 Critical Brake Upgrade												
A Kits												
Recurring												
1.1.1) Critical Brakes - NonOrganic - / - - / - - / - - / - - / - - / - 6 / 1.019 9 / 1.557 9 / 1.585 9 / 1.613 33 / 5.774												
Subtotal Recurring - / - - / - - / - - / - - / - 6 / 1.019 9 / 1.557 9 / 1.585 9 / 1.613 33 / 5.774												
Non-Recurring												
1.2.1) Installation Kits N/R - Organic - / - - / - - / - - / - - / - - / - 1 / 0.170 - / - - / - - / - 1 / 0.170												
Subtotal Non-Recurring - / - - / - - / - - / - - / - 1 / 0.170 - / - - / - - / - 1 / 0.170												
Total, 004-16 C-2 Critical Brake Upgrade - / - - / - - / - - / - - / - 7 / 1.189 9 / 1.557 9 / 1.585 9 / 1.613 34 / 5.944												
Total Procurement, All Modifications - / - - / - - / - - / - - / - 7 / 1.189 9 / 1.557 9 / 1.585 9 / 1.613 34 / 5.944												
Support												
3.1) Data - / - - / - - / - - / - - / - - / - - / 0.136 - / 0.110 - / - - / - - / 0.246												
3.2) Engineering Change Orders - / 0.000 - / - - / - - / - - / - - / - - / - - / - - / -												
3.3) ILS - / - - / - - / - - / - - / - - / - - / 0.333 - / 0.338 - / 0.343 - / 0.638 - / 1.652												
3.4) Training Equipment - / 0.000 - / - - / - - / - - / - - / - - / - - / - - / - - / -												
3.5) Support Equipment - / - - / - - / - - / - - / - - / - - / 0.568 - / 0.050 - / - - / - - / 0.618												
3.6) Other Support - / - - / - - / - - / - - / - - / - - / 2.344 - / 2.099 - / 2.131 - / 4.379 - / 10.953												
3.7) Interim Contractor Support - / 0.000 - / - - / - - / - - / - - / - - / - - / - - / - - / -												
Total Support, All Modifications 0.000 - - - - - 3.381 2.597 2.474 5.017 13.469												
Total Procurement and Support 0.000 - - - - - 4.570 4.154 4.059 6.630 19.413												
004-16 C-2 Critical Brake Upgrade Installation Cost - / 0.000 - / - - / - - / - - / - - / - - / - - / 0.497 - / 0.651 - / 1.336 - / 2.484												
Total Installation Cost - / 0.000 - / - - / - - / - - / - - / - - / - - / 0.497 - / 0.651 - / 1.336 - / 2.484												
Total Cost (Procurement + Support + Installation) 0.000 - - - - - 4.570 4.651 4.710 7.966 21.897												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0556 - C-2A								Modification Nomenclature (Modification Number - Modification Title): 3 - 004-16 C-2 Critical Brake Upgrade															
Models of Systems Affected: C-2A(R) Aircraft								Type Modification: Mission Performance Enhancements								Related RDT&E PEs:															
Manufacturer Information: 004-16 C-2 Critical Brake Upgrade																															
Manufacturer Name: Critical Brake Upgrade														Manufacturer Location: New MFG - Loc																	
Administrative Leadtime (in Months): 1														Production Leadtime (in Months): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																						Oct 2016				Oct 2017					
Delivery Dates																						Oct 2017				Oct 2018					
Installation: 004-16 C-2 Critical Brake Upgrade								Method of Implementation: Field Mod Team										Installation Name: Critical Brake Upgrade													
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.497		- / -		- / -		- / -		6 / 0.497					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 0.651		- / -		- / -		9 / 0.651					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 0.662		- / -		9 / 0.662					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 0.674		- / -		9 / 0.674					
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.497		9 / 0.651		18 / 1.336		- / -		33 / 2.484					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	3	2	2	2	18	33
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	3	2	2	2	18	33
Installation: 004-16 C-2 Critical Brake Upgrade								Method of Implementation: Not Installed - Installation Kits N/R										Installation Quantity: 1													

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Inactive OSIPS			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	7.100	-	-	-	-	-	-	-	-	-	-	7.100
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	7.100	-	-	-	-	-	-	-	-	-	-	7.100
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	7.100	-	-	-	-	-	-	-	-	-	-	7.100
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Inactive OSIPS				

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
Procurement												
N/A												
<i>Total, N/A</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Support												
3.1) Inactive OSIPs	- / 7.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.100
<i>Total Support, All Modifications</i>	7.100	-	-	-	-	-	-	-	-	-	-	7.100
<i>Total Procurement and Support</i>	7.100	-	-	-	-	-	-	-	-	-	-	7.100
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	7.100	-	-	-	-	-	-	-	-	-	-	7.100

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0556 - C-2A		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Inactive OSIPS	
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]		Related RDT&E PEs:		
Manufacturer Information: N/A							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: N/A							
Method of Implementation: Support Only Installation				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0560 - C-130 Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s): 298

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	317.382	71.302	77.039	47.587	-	47.587	43.635	39.813	27.581	28.059	308.849	961.247
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	317.382	71.302	77.039	47.587	-	47.587	43.635	39.813	27.581	28.059	308.849	961.247
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	317.382	71.302	77.039	47.587	-	47.587	43.635	39.813	27.581	28.059	308.849	961.247
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION: This item funds modifications to C/KC-130 aircraft. The Lockheed C/KC-130 aircraft is a four engine, high-wing, all metal, long range, land based monoplane capable of all weather transport of cargo or personnel and in-flight refueling. There are currently 94 aircraft in the Navy and Marine Corps inventory (46 active and 48 reserve). The expected Service Life is as follows:

T/M/S Service Date Service Life Expected Life

C-130T	10/91 - 11/95	450 mos.	2028-2032
KC-130F	03/60 - 11/62	600 Mos.	2010-2012
KC-130R	09/75 - 06/78	480 mos.	2015-2017
KC-130T	04/84 - 02/96	450 mos.	2021-2033
KC-130J	09/00 - 10/26	450 mos.	2037-2063

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Navy	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	52.275	57.942	28.676	-	28.676	21.502	17.347	5.702	5.799
NR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	19.027	19.097	18.911	-	18.911	22.133	22.466	21.879	22.260

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0560 - C-130 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s): 298																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - C-130J CNS/ATM (OSIP 010-06)	P3A				67.153			2.455			-			-			-			-
2 - C/KC-130 ISR / WEAPONS MISSION KIT (022-07)	P3A				104.984			5.595			-			20.081			-			20.081
3 - Navigation Enhancements (OSIP 015-08)	P3A				15.376			-			-			-			-			-
4 - Avionics /Obsolescence Upgrades (OSIP 008-12)	P3A				0.000			19.027			19.097			18.911			-			18.911
5 - KC-130J Propeller Reliability Improvement Program (OSIP 019-12)	P3A				0.000			10.000			19.000			-			-			-
6 - Electronic Counter Measures (OSIP 020-12)	P3A				0.000			34.225			35.518			1.731			-			1.731
7 - Hose Reel Reliability Improvements (OSIP 007-13)	P3A				0.000			-			2.299			1.364			-			1.364
8 - Battlefield Illumination Flare Dispensers (OSIP 008-13)	P3A				0.000			-			1.125			-			-			-
9 - Technical Insertion (OSIP 019-14)	P3A				0.000			-			-			5.500			-			5.500
10 - Inactive OSIPs	P3A				129.869			-			-			-			-			-
Total Gross/Weapon System Cost					317.382			71.302			77.039			47.587			-			47.587

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - C-130J CNS/ATM (OSIP 010-06)	P3A				5.100			7.299			-			-			197.636			279.643
2 - C/KC-130 ISR / WEAPONS MISSION KIT (022-07)	P3A				5.737			4.175			4.269			5.799			-			150.640
3 - Navigation Enhancements (OSIP 015-08)	P3A				-			-			-			-			-			15.376
4 - Avionics /Obsolescence Upgrades (OSIP 008-12)	P3A				22.133			22.466			21.879			22.260			38.472			184.245
5 - KC-130J Propeller Reliability Improvement Program (OSIP 019-12)	P3A				-			-			-			-			-			29.000

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0560 - C-130 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): 298																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
6 - Electronic Counter Measures (OSIP 020-12)	P3A				9.281			4.502			-			-			72.741			157.998	
7 - Hose Reel Reliability Improvements (OSIP 007-13)	P3A				1.384			1.371			1.433			-			-			7.851	
8 - Battlefield Illumination Flare Dispensers (OSIP 008-13)	P3A				-			-			-			-			-			1.125	
9 - Technical Insertion (OSIP 019-14)	P3A				-			-			-			-			-			5.500	
10 - Inactive OSIPs	P3A				-			-			-			-			-			129.869	
Total Gross/Weapon System Cost					43.635			39.813			27.581			28.059			308.849			961.247	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding. Justification: The increase from FY13 to FY14 reflected in OSIP 022-07 C/KC-130T/J ISR/Weapons Mission Kit will provide additional Intelligence, Surveillance & Reconnaissance Weapon System Capability and Close Air Support capability. New Start - OSIP 019-14 Technical Insertion - The Electronic Propeller Control System addresses the #1 degrader for the legacy C/KC-130 by replacing the failure prone hydro-mechanical propeller control with a solid-state digital system on five KC-130T aircraft in FY14.																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - C-130J CNS/ATM (OSIP 010-06)				
Models of Systems Affected: KC-130J, KC-130T, C-130T			Type Modification: Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	67.153	2.455	-	-	-	-	5.100	7.299	-	-	197.636	279.643
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	67.153	2.455	-	-	-	-	5.100	7.299	-	-	197.636	279.643
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	67.153	2.455	-	-	-	-	5.100	7.299	-	-	197.636	279.643
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: Objective of the Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) OSIP is to preserve utilization of current KC-130J capabilities world-wide by meeting International Civil Aviation Organization (ICAO) Air Traffic Management mandates through a series of commercial procurements and post-production retrofit installations. ICAO mandates enhanced Mode-S and Required Navigation Performance/Area Navigation (RNP/RNAV) capabilities in the European Flight Information Region (FIR) started in FY06, followed by the requirement of enhanced Mode-S, which is the Automatic Dependent Surveillance-Broadcast comm-link component of Mode-S, and will be required in FY07. The USMC has determined that re-joining with the C-130J Co-Operative Software and Systems Upgrade Requirements Management (COSSURM) Block Upgrade Community to be the most expedient and cost-effective means to meet CNS/ATM Mandates as well as incorporate other mission critical software changes through spiral upgrade initiatives or "Blocks". This OSIP will upgrade the KC-130J to enhanced Mode-S and RNP/RNAV through three separate initiatives. The first is Block 6.5 which includes enhanced Mode-S, which began in FY06. The second is Block 7.0 which includes the RNP/RNAV solution which began in FY09. The third, Block 8.1, will include Enhanced Covert Lighting, Improved PA System, IFF Transponder Mode 5/ADS-B, ATS and AOC - Data Link, Vertical Profile Cueing, Enhanced ICS, Tempest Compliance, Tri-Axis Accelerometer - Failure Detection, Flight Management (FMS) software update, Mission Computer (MC) software, and BUS Interface Unit (BIU) software. This OSIP is required in order to avoid airspace utilization limitations, ranging from usage restrictions to total airspace exclusion, as well as ensuring continuous KC-130J transport of personnel, material and aerial refueling services within and through these FIRs. Major DoD logistic hubs supporting Operation Enduring Freedom/Operation Iraqi Freedom are located in the European FIR. Future Block 9.0 is being developed which will include additional requirements as well as address obsolescence issues and provide necessary performance enhancements to ensure future mission readiness of the KC-130J fleet. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Lockheed Martin was tasked to deliver, by November 2005, an Engineering Change Proposal to incorporate Mode S & 8.33 KHZ into Military Baseline 5.4 Software already developed for the USAF on C-130J aircraft. The new software version was planned to become available in FY07 as Block 5.5 but was superseded by Block 6.5 which became available in FY06. Through incorporation of Block 6.5 the USMC KC-130J aircraft will be postured to re-enter the COSSURM Community in a common configuration. This allows the USMC to step into Block 7.0 then Block 8.1 with the USAF and COSSURM which includes RNP/RNAV, ADS-B, and the civil component of Receiver Autonomous Integrity Monitoring (RAIM).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - C-130J CNS/ATM (OSIP 010-06)
Models of Systems Affected: KC-130J, KC-130T, C-130T	Type Modification: Safety	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - C-130J CNS/ATM (OSIP 010-06)				
Models of Systems Affected: KC-130J, KC-130T, C-130T			Type Modification: Safety					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
C-130J CNS/ATM (OSIP 010-06)												
A Kits												
Recurring												
1.1.1) Block 7.0 Kits (38) - NonOrganic	8 / 6.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 24.000	38 / 30.400
1.1.2) Block 8.1 Kits (54) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.836	- / -	- / -	- / -	53 / 63.964	54 / 64.800
1.1.3) Block 9.0 Kits (79) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 32.362	79 / 32.362
Subtotal Recurring	8 / 6.400	- / -	- / -	- / -	- / -	- / -	1 / 0.836	- / -	- / -	- / -	162 / 120.326	171 / 127.562
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.699	- / 1.348	- / -	- / -	- / -	- / 4.047
Subtotal Non-Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.699	- / 1.348	- / -	- / -	- / -	- / 4.047
B Kits												
Recurring												
2.1.1) Mode (S) Block 6.5 - Organic	- / 13.984	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.984
2.1.2) Mode (S) Equip C/KC-130T - Organic	48 / 8.313	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 8.313
2.1.3) B Kit 8.1 Block Upgrade - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.089	- / -	- / -	- / -	- / -	1 / 1.089
Subtotal Recurring	48 / 22.297	- / -	- / -	- / -	- / -	- / -	1 / 1.089	- / -	- / -	- / -	- / -	49 / 23.386
Non-Recurring												
2.2.1) Mode (S) Block 6.5 GFE - Organic	- / 1.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.700
2.2.3) USMC Nat'l Integ Block 8.1 - Organic	- / 6.000	- / -	- / -	- / -	- / -	- / -	- / 0.023	- / 3.065	- / -	- / -	- / -	- / 9.088
2.2.4) USMC Nat'l Integ Block 9.0 - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.000	- / 16.000
2.2.5) NRE Contractor - Organic	- / 5.937	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.937
Subtotal Non-Recurring	- / 13.637	- / -	- / -	- / -	- / -	- / -	- / 0.023	- / 3.065	- / -	- / -	- / 16.000	- / 32.725
Total, C-130J CNS/ATM (OSIP 010-06)	56 / 42.334	- / -	- / -	- / -	- / -	- / -	2 / 4.647	- / 4.413	- / -	- / -	162 / 136.326	220 / 187.720
Total Procurement, All Modifications	56 / 42.334	- / -	- / -	- / -	- / -	- / -	2 / 4.647	- / 4.413	- / -	- / -	162 / 136.326	220 / 187.720
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.612	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.910	- / 1.522
3.3) Training Equipment	- / 2.674	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.767	- / -	- / -	- / 10.000	- / 13.441
3.4) Support Equipment	- / 0.560	- / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.573
3.5) ILS	- / 2.731	- / 0.312	- / -	- / -	- / -	- / -	- / 0.283	- / 0.750	- / -	- / -	- / 1.581	- / 5.657

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - C-130J CNS/ATM (OSIP 010-06)		
Models of Systems Affected: KC-130J, KC-130T, C-130T				Type Modification: Safety				Related RDT&E PEs:				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.6) Other Support	- / 16.642	- / 2.130	- / -	- / -	- / -	- / -	- / 0.170	- / 0.403	- / -	- / -	- / 15.010	- / 34.355
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	23.219	2.455	-	-	-	-	0.453	1.920	-	-	27.501	55.548
Total Procurement and Support	65.553	2.455	-	-	-	-	5.100	6.333	-	-	163.827	243.268
C-130J CNS/ATM (OSIP 010-06) Installation Cost	- / 1.600	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.966	- / -	- / -	- / 33.809	- / 36.375
Total Installation Cost	- / 1.600	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.966	- / -	- / -	- / 33.809	- / 36.375
Total Cost (Procurement + Support + Installation)	67.153	2.455	-	-	-	-	5.100	7.299	-	-	197.636	279.643

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0560 - C-130 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - C-130J CNS/ATM (OSIP 010-06)											
Models of Systems Affected: KC-130J, KC-130T, C-130T										Type Modification: Safety										Related RDT&E PEs:											
Manufacturer Information: C-130J CNS/ATM (OSIP 010-06)																															
Manufacturer Name: Lockheed Martin Block 8.1													Manufacturer Location: Marietta, GA																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 10																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates														Dec 2014																	
Delivery Dates														Nov 2015																	
Installation: C-130J CNS/ATM (OSIP 010-06)													Method of Implementation: Contractor Drive-in Modifications										Installation Name: Block 7.0 Kits (38)								
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		8 / 1.600		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 1.600					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		30 / 6.400		30 / 6.400					
Total		8 / 1.600		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		30 / 6.400		38 / 8.000					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	38
Out	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	38

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0560 - C-130 Series		Modification Nomenclature (Modification Number - Modification Title): 1 - C-130J CNS/ATM (OSIP 010-06)	
Models of Systems Affected: KC-130J, KC-130T, C-130T		Type Modification: Safety			

Installation: C-130J CNS/ATM (OSIP 010-06)			Method of Implementation: Contractor Drive-in Modifications					Installation Name: Block 8.1 Kits (54)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.966	- / -	- / -	- / -	1 / 0.966
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	53 / 10.555	53 / 10.555
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.966	- / -	- / -	53 / 10.555	54 / 11.521

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	53	54
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	53	54

Installation: C-130J CNS/ATM (OSIP 010-06)			Method of Implementation: Contractor Drive-in Modifications					Installation Name: Block 9.0 Kits (79)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0560 - C-130 Series		Modification Nomenclature (Modification Number - Modification Title): 1 - C-130J CNS/ATM (OSIP 010-06)	
Models of Systems Affected: KC-130J, KC-130T, C-130T		Type Modification: Safety			

Installation: C-130J CNS/ATM (OSIP 010-06)			Method of Implementation: Contractor Drive-in Modifications					Installation Name: Block 9.0 Kits (79)				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 16.854	79 / 16.854
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 16.854	79 / 16.854

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	79	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	79	

Installation: C-130J CNS/ATM (OSIP 010-06)				Method of Implementation: Organic - Mode (S) Equip C/KC-130T				Installation Quantity: 48			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - C/KC-130 ISR / WEAPONS MISSION KIT (022-07)				
Models of Systems Affected: C/KC-130T/J			Type Modification: Performance Enhancement					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	104.984	5.595	-	20.081	-	20.081	5.737	4.175	4.269	5.799	-	150.640
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	104.984	5.595	-	20.081	-	20.081	5.737	4.175	4.269	5.799	-	150.640
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	104.984	5.595	-	20.081	-	20.081	5.737	4.175	4.269	5.799	-	150.640
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: The objective of this effort is to integrate an Intelligence, Surveillance & Reconnaissance (ISR) Weapon System Kit into the KC-130J aircraft which provides an armed capability to provide intra-theatre suppressive fire support for ground troops as well as intelligence and reconnaissance capability for theatre commanders. The new KC-130J is a force multiplier. The J tanker is capable of refueling both fixed wing and rotary wing aircraft, as well as conducting rapid ground refueling. KC-130Js have been continuously deployed in support of world-wide combat operations providing multi-mission, tactical aerial refueling, and fixed-wing assault support. This added capability will provide the Marine Air-Ground Task Force Commander increased capability for real time intelligence gathering and an armed capability for targets of opportunity and suppressive fire-support. The ISR/Weapon System Kit will consist of a ISR pod, wing mounted air-to-ground missiles and air-to-ground precision guided munitions. The system will be configured as a Roll-On/Roll-Off capability to allow for rapid deployment. The program will leverage off of current technology/fielded systems to provide rapid integration of this new capability. Future capabilities will include capability to launch precision guided munitions from within the aircraft while pressurized, video datalink connectivity, Hellfire P4/N4 compatibility and will address obsolescence and capability gaps. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The KC-130J ISR/Weapons Mission Kit configuration provides Intelligence, Surveillance & Reconnaissance (ISR) Weapon System Capability and Close Air Support capability through both wing mounted munitions and cargo door mounted Standoff Precision Guided Munitions. The first kit successfully completed test and was fielded in support of Operation Enduring Freedom in October of 2010. This OSIP provides funding to procure additional kits. Total requirement is for 6 KC-130J ISR/Weapons Mission Kits installed on 10 aircraft. 10 A-Kits in FY14/15 address obsolescence issues. 10 A-Kits in FY17/18 address fleet capability gaps.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - C/KC-130 ISR / WEAPONS MISSION KIT (022-07)				
Models of Systems Affected: C/KC-130T/J			Type Modification: Performance Enhancement				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
C/KC-130 ISR / WEAPONS MISSION KIT (022-07)												
A Kits												
Recurring												
1.1.1) A Kit - Organic	4 / 52.512	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 52.512
1.1.2) SOPGM/TSS/VDL A Kit - Organic	6 / 1.221	- / -	- / -	8 / 2.640	- / -	8 / 2.640	2 / 0.672	- / -	2 / 0.978	8 / 3.984	- / -	26 / 9.495
Subtotal Recurring	10 / 53.733	- / -	- / -	8 / 2.640	- / -	8 / 2.640	2 / 0.672	- / -	2 / 0.978	8 / 3.984	- / -	30 / 62.007
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / -	- / -	- / -	- / 5.114	- / -	- / 5.114	- / 0.615	- / 0.140	- / 0.568	- / -	- / -	- / 6.437
Subtotal Non-Recurring	- / -	- / -	- / -	- / 5.114	- / -	- / 5.114	- / 0.615	- / 0.140	- / 0.568	- / -	- / -	- / 6.437
B Kits												
Recurring												
2.1.1) TSS Sensor Kit - Organic	6 / 21.247	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 21.247
2.1.2) GFE - Organic	4 / 0.568	- / -	- / -	- / 0.890	- / -	- / 0.890	- / 0.990	- / 0.995	- / -	- / -	- / -	4 / 3.443
2.1.3) SOPGM/BMS/TSS/VDL B Kit - Organic (1)	6 / 9.755	6 / 2.744	- / -	6 / 4.045	- / -	6 / 4.045	1 / 0.250	2 / 0.510	3 / 0.780	- / -	- / -	24 / 18.084
Subtotal Recurring	16 / 31.570	6 / 2.744	- / -	6 / 4.935	- / -	6 / 4.935	1 / 1.240	2 / 1.505	3 / 0.780	- / -	- / -	34 / 42.774
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 11.838	- / -	- / -	- / 3.758	- / -	- / 3.758	- / 0.550	- / -	- / -	- / -	- / -	- / 16.146
Subtotal Non-Recurring	- / 11.838	- / -	- / -	- / 3.758	- / -	- / 3.758	- / 0.550	- / -	- / -	- / -	- / -	- / 16.146
Total, C/KC-130 ISR / WEAPONS MISSION KIT (022-07)	26 / 97.141	6 / 2.744	- / -	14 / 16.447	- / -	14 / 16.447	3 / 3.077	2 / 1.645	5 / 2.326	8 / 3.984	- / -	64 / 127.364
Total Procurement, All Modifications	26 / 97.141	6 / 2.744	- / -	14 / 16.447	- / -	14 / 16.447	3 / 3.077	2 / 1.645	5 / 2.326	8 / 3.984	- / -	64 / 127.364
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.465	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.465
3.3) Training Equipment	- / 0.448	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.448
3.4) Support Equipment	- / 0.948	- / 0.017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.965
3.5) ILS	- / 1.137	- / 0.896	- / -	- / 0.714	- / -	- / 0.714	- / 0.590	- / 0.595	- / 0.558	- / 0.575	- / -	- / 5.065
3.6) Other Support	- / 4.250	- / 0.790	- / -	- / 2.920	- / -	- / 2.920	- / 2.070	- / 1.935	- / 1.385	- / 1.240	- / -	- / 14.590
3.7) Interim Contractor Support	- / 0.595	- / 1.148	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.743
Total Support, All Modifications	7.843	2.851	-	3.634	-	3.634	2.660	2.530	1.943	1.815	-	23.276

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - C/KC-130 ISR / WEAPONS MISSION KIT (022-07)				

Models of Systems Affected: C/KC-130T/J				Type Modification: Performance Enhancement				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<i>Total Procurement and Support</i>	104.984	5.595	-	20.081	-	20.081	5.737	4.175	4.269	5.799	-	150.640
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	104.984	5.595	-	20.081	-	20.081	5.737	4.175	4.269	5.799	-	150.640

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0560 - C-130 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - C/KC-130 ISR / WEAPONS MISSION KIT (022-07)	
Models of Systems Affected: C/KC-130T/J			Type Modification: Performance Enhancement			Related RDT&E PEs:	
Manufacturer Information: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 1			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jun 2012		Mar 2014	Mar 2015	Mar 2016	Mar 2017	
Delivery Dates	Dec 2012		Apr 2014	Dec 2015	Dec 2016	Dec 2017	
Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)			Method of Implementation: Organic - A Kit			Installation Quantity: 4	
Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)			Method of Implementation: Organic - SOPGM/TSS/VDL A Kit			Installation Quantity: 26	
Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)			Method of Implementation: Organic - TSS Sensor Kit			Installation Quantity: 6	
Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)			Method of Implementation: Organic - GFE			Installation Quantity: 4	
Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)			Method of Implementation: Organic - SOPGM/BMS/TSS/VDL B Kit			Installation Quantity: 24	
Footnotes: ⁽¹⁾ Installation costs are imbedded in the Firm Fixed Price for ISR/Weapons Mission Kits.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Navigation Enhancements (OSIP 015-08)			
Models of Systems Affected: KC-130T, C-130T			Type Modification: Performance Enhancement					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	15.376	-	-	-	-	-	-	-	-	-	-	15.376
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	15.376	-	-	-	-	-	-	-	-	-	-	15.376
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	15.376	-	-	-	-	-	-	-	-	-	-	15.376
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: FY08 procures kits and equipment. Installations begin in FY09, which is a Turnkey effort. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Navigation Enhancement Operational, Safety and Improvement Program for the C/KC-130T fleet will encompass incorporation of a commercial off-the-shelf Global Positioning System (GPS) navigation system to provide capability to navigate in the world-wide airspace and address compliance with Civil Communication Navigation Surveillance/Air Traffic Management requirements.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - Navigation Enhancements (OSIP 015-08)			
Models of Systems Affected: KC-130T, C-130T				Type Modification: Performance Enhancement				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Navigation Enhancements (OSIP 015-08)												
A Kits												
Recurring												
1.1.1) CT GPS - Organic ⁽²⁾	19 / 12.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 12.806
Subtotal Recurring	19 / 12.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 12.806
Total, Navigation Enhancements (OSIP 015-08)	19 / 12.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 12.806
Total Procurement, All Modifications	19 / 12.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 12.806
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.319	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.319
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.165	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.165
3.6) Other Support	- / 2.086	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.086
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	2.570	-	-	-	-	-	-	-	-	-	-	2.570
Total Procurement and Support	15.376	-	-	-	-	-	-	-	-	-	-	15.376
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	15.376	-	-	-	-	-	-	-	-	-	-	15.376

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0560 - C-130 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Navigation Enhancements (OSIP 015-08)	
Models of Systems Affected: KC-130T, C-130T			Type Modification: Performance Enhancement			Related RDT&E PEs:	
Manufacturer Information: Navigation Enhancements (OSIP 015-08)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Navigation Enhancements (OSIP 015-08)							
Method of Implementation: Organic - CT GPS				Installation Quantity: 19			
Footnotes: ⁽²⁾ GPS effort is a "Turnkey" install.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (Modification Number - Modification Title): 4 - Avionics /Obsolescence Upgrades (OSIP 008-12)			
Models of Systems Affected: C/KC-130T/J			Type Modification: Safety / Readiness					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	19.027	19.097	18.911	-	18.911	22.133	22.466	21.879	22.260	38.472	184.245
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	19.027	19.097	18.911	-	18.911	22.133	22.466	21.879	22.260	38.472	184.245
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	19.027	19.097	18.911	-	18.911	22.133	22.466	21.879	22.260	38.472	184.245
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: Objective of the Avionics/Obsolescence Upgrades (AOU) Operational, Safety and Improvement Program is to preserve the world-wide capabilities of the C/KC-130 aircraft by providing required capability enhancements and addressing obsolescence. The legacy C/KC-130T and KC-130F model aircraft have been in service for 21 and 45 years respectively and still retain many of their original systems which require upgrade to increase mission readiness, meet Communication, Navigation, and Surveillance/Air Traffic Management (CNS/ATM) requirements and address obsolescence issues. In addition obsolescence / Diminishing Manufacturing Sources (DMS) issues are already being realized on the KC-130J aircraft and will have to be addressed in the near future. These upgrades will include faster, more robust processing systems and integrated displays enabling compliance with CNS/ATM requirements. It will provide a growth path to Mode 5 and Joint Precision Landing systems. It will replace numerous avionics systems: radar, Tactical Air Navigation , data recorders, and gauges due to obsolescence or DMS. These upgrades will provide open-systems architecture and interfaces necessary to integrate Real-Time Information in the Cockpit. Changes will also be incorporated into existing training devices. In addition, obsolescence issues with the propeller synchrophaser and valve housing are the C/KC-130T top ten readiness degraders. Modification of these propeller control components via an Electronic Propeller Control System upgrade will mitigate this readiness degrader. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: AOU program affecting 20 C-130T aircraft is post MS-C, LRIP 1 approved. Government is Lead Systems Integrator for AOU, performing the majority of the NRE and installation of the validation and verification aircraft kits. One kit will be installed and tested (validation) followed by a second aircraft (verification) and 18 production installations. Contract awarded for software integration NRE and non-developmental systems in September 2012. USMC KC-130T aircraft may require this upgrade as well dependant upon status of transition to KC-130J aircraft.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - Avionics /Obsolescence Upgrades (OSIP 008-12)
Models of Systems Affected: C/KC-130T/J	Type Modification: Safety / Readiness	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Avionics /Obsolescence Upgrades (OSIP 008-12)				
Models of Systems Affected: C/KC-130T/J				Type Modification: Safety / Readiness				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Avionics /Obsolescence Upgrades (OSIP 008-12)												
A Kits												
Recurring												
1.1.1) A Kits - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.762	4 / 2.396	3 / 1.832	4 / 2.400	4 / 2.632	18 / 11.022
<i>Subtotal Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.762	4 / 2.396	3 / 1.832	4 / 2.400	4 / 2.632	18 / 11.022
B Kits												
Recurring												
2.1.1) B Kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	3 / 8.586	4 / 14.596	3 / 11.166	4 / 16.000	4 / 14.613	18 / 64.961
<i>Subtotal Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	3 / 8.586	4 / 14.596	3 / 11.166	4 / 16.000	4 / 14.613	18 / 64.961
Non-Recurring												
2.2.1) NRE - Government - NonOrganic ⁽³⁾	- / -	- / 1.200	1 / 10.899	1 / 4.951	- / -	1 / 4.951	- / 2.449	- / -	- / -	- / -	- / -	2 / 19.499
2.2.2) NRE - Contractor - Organic ⁽⁴⁾	- / -	- / 15.127	- / 0.688	- / 12.400	- / -	- / 12.400	- / 3.600	- / -	- / -	- / -	- / -	- / 31.815
<i>Subtotal Non-Recurring</i>	- / -	- / 16.327	1 / 11.587	1 / 17.351	- / -	1 / 17.351	- / 6.049	- / -	- / -	- / -	- / -	2 / 51.314
<i>Total, Avionics /Obsolescence Upgrades (OSIP 008-12)</i>	- / -	- / 16.327	1 / 11.587	1 / 17.351	- / -	1 / 17.351	6 / 16.397	8 / 16.992	6 / 12.998	8 / 18.400	8 / 17.245	38 / 127.297
<i>Total Procurement, All Modifications</i>	- / -	- / 16.327	1 / 11.587	1 / 17.351	- / -	1 / 17.351	6 / 16.397	8 / 16.992	6 / 12.998	8 / 18.400	8 / 17.245	38 / 127.297
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / -	- / 0.100	- / 0.442	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.742
3.3) Training Equipment ⁽⁵⁾	- / -	- / 0.300	- / 1.100	- / -	- / -	- / -	- / -	- / -	- / 3.332	- / -	- / 3.800	- / 8.532
3.4) Support Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.200
3.5) ILS	- / -	- / 0.600	- / 0.112	- / -	- / -	- / -	- / -	- / 0.200	- / 0.200	- / -	- / 0.400	- / 1.512
3.6) Other Support	- / -	- / 1.700	- / 5.856	- / -	- / -	- / -	- / 4.304	- / 0.359	- / 0.335	- / -	- / 1.391	- / 13.945
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Support, All Modifications</i>	0.000	2.700	7.510	-	-	-	4.304	0.559	3.867	-	5.991	24.931
<i>Total Procurement and Support</i>	0.000	19.027	19.097	17.351	-	17.351	20.701	17.551	16.865	18.400	23.236	152.228
Avionics /Obsolescence Upgrades (OSIP 008-12) Installation Cost	- / 0.000	- / -	- / -	- / 1.560	- / -	- / 1.560	- / 1.432	- / 4.915	- / 5.014	- / 3.860	- / 15.236	- / 32.017
<i>Total Installation Cost</i>	- / 0.000	- / -	- / -	- / 1.560	- / -	- / 1.560	- / 1.432	- / 4.915	- / 5.014	- / 3.860	- / 15.236	- / 32.017
Total Cost (Procurement + Support + Installation)	0.000	19.027	19.097	18.911	-	18.911	22.133	22.466	21.879	22.260	38.472	184.245

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - Avionics /Obsolescence Upgrades (OSIP 008-12)
Models of Systems Affected: C/KC-130T/J	Type Modification: Safety / Readiness	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0560 - C-130 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Avionics /Obsolescence Upgrades (OSIP 008-12)									
Models of Systems Affected: C/KC-130T/J										Type Modification: Safety / Readiness										Related RDT&E PEs:									
Manufacturer Information: Avionics /Obsolescence Upgrades (OSIP 008-12)																													
Manufacturer Name: TBD															Manufacturer Location: TBD														
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 12														
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
Contract Dates						Oct 2012				Oct 2013				Oct 2014				Oct 2015				Oct 2016				Oct 2017			
Delivery Dates						Oct 2013				Oct 2014				Oct 2015				Oct 2016				Oct 2017				Oct 2018			

Installation: Avionics /Obsolescence Upgrades (OSIP 008-12)										Method of Implementation: Contractor Drive-In Modifications										Installation Name: Avionics/Obsolescence Upgrades									
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2013	- / -	- / -	- / -	1 / 1.560	- / -	1 / 1.560	- / -	- / -	- / -	- / -	- / -	1 / 1.560																	
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.432	- / -	- / -	- / -	- / -	1 / 1.432																	
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 4.915	- / -	- / -	- / -	3 / 4.915																	
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 5.014	- / -	- / -	4 / 5.014																	
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.860	- / -	3 / 3.860																	
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 7.618	4 / 7.618																	
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 7.618	4 / 7.618																	
Total	- / -	- / -	- / -	1 / 1.560	- / -	1 / 1.560	1 / 1.432	3 / 4.915	4 / 5.014	3 / 3.860	8 / 15.236	20 / 32.017																	

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	1	1	-	2	2	-	-	1	1	1	-	8	20
Out	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	1	1	-	2	2	-	-	1	1	1	8	20

Installation: Avionics /Obsolescence Upgrades (OSIP 008-12)										Method of Implementation: Organic - B Kits										Installation Quantity: 18									
Footnotes: (3) The cost for the Validation kit (FY14) and Verification Kit (FY15) is embedded in NRE cost in the year prior respectively.																													

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - Avionics /Obsolescence Upgrades (OSIP 008-12)
Models of Systems Affected: C/KC-130T/J	Type Modification: Safety / Readiness	Related RDT&E PEs:
(4) Funds Phase 2 of the software integration contract. (5) Funds material necessary to perform 2F107 full motion operational flight trainer modification.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (Modification Number - Modification Title): 5 - KC-130J Propeller Reliability Improvement Program (OSIP 019-12)				
Models of Systems Affected: KC-130J			Type Modification: Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	10.000	19.000	-	-	-	-	-	-	-	-	29.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	10.000	19.000	-	-	-	-	-	-	-	-	29.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	10.000	19.000	-	-	-	-	-	-	-	-	29.000
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: Operations supporting Operation Enduring Freedom (OEF) are taking a severe toll on the KC-130J Dowty propellers. The austere operating environment in Afghanistan contributes to an excessive amount of foreign object debris damage to the prop blades. Dust intrusion has also been documented as a significant contributor to an increase in prop grease leaks. These issues are top readiness degraders which ultimately will lead to decreased mission availability if left unaddressed. This Operational, Safety and Improvement Program (OSIP) will be utilized for a forced retrofit for new prop blades with a thicker poly coating as well as a more robust leading edge guard. In addition, it will introduce a new prop seal kit that will greatly reduce dust intrusion. This OSIP is for equipment modification that is operationally required to provide increased prop reliability and operational readiness for forward deployed squadrons and is a direct result of operations supporting OEF. This effort has not been funded in prior years. This effort does not constitute a program acceleration. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The Original Equipment Manufacturer has developed the improved prop blades with the thicker poly coating and leading edge guards as well as the improved seal kits to address prop damage from operating in austere environments. Naval Air Systems Command will procure the improved prop blades and seals and provide them to the fleet for forced retrofit.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - KC-130J Propeller Reliability Improvement Program (OSIP 019-12)					
Models of Systems Affected: KC-130J				Type Modification: Reliability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
KC-130J Propeller Reliability Improvement Program (OSIP 019-12)													
B Kits													
Recurring													
2.1.1) B Kits - Organic ⁽⁶⁾	- / -	48 / 10.000	72 / 19.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	120 / 29.000	
Subtotal Recurring	- / -	48 / 10.000	72 / 19.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	120 / 29.000	
Total, KC-130J Propeller Reliability Improvement Program (OSIP 019-12)	- / -	48 / 10.000	72 / 19.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	120 / 29.000	
Total Procurement, All Modifications	- / -	48 / 10.000	72 / 19.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	120 / 29.000	
Support													
3.1) Engineering Change Order	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	0.000	10.000	19.000	-	-	-	-	-	-	-	-	29.000	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	10.000	19.000	-	-	-	-	-	-	-	-	29.000	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0560 - C-130 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - KC-130J Propeller Reliability Improvement Program (OSIP 019-12)	
Models of Systems Affected: KC-130J			Type Modification: Reliability			Related RDT&E PEs:	
Manufacturer Information: KC-130J Propeller Reliability Improvement Program (OSIP 019-12)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: KC-130J Propeller Reliability Improvement Program (OSIP 019-12)							
			Method of Implementation: Organic - B Kits			Installation Quantity: 120	
Footnotes: ⁽⁶⁾ Installs are being performed at "O" Level.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (Modification Number - Modification Title): 6 - Electronic Counter Measures (OSIP 020-12)				
Models of Systems Affected: C/KC-130T/J			Type Modification: Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	34.225	35.518	1.731	-	1.731	9.281	4.502	-	-	72.741	157.998
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	34.225	35.518	1.731	-	1.731	9.281	4.502	-	-	72.741	157.998
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	34.225	35.518	1.731	-	1.731	9.281	4.502	-	-	72.741	157.998
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: This Operational, Safety and Improvement Program (OSIP) provides funding for the addition of Large Aircraft Infrared Counter Measures (LAIRCM) capability to the KC-130J Aircraft which will increase survivability while allowing the aircraft to operate under expanded threat environments thereby increasing combat effectiveness. Operations in support of Operation Enduring Freedom will require potential exposure to threat envelopes that the KC-130J aircraft is not currently equipped to operate in with its current Electronic Counter Measures suite, particularly with the introduction of the Harvest HAWK capability. The addition of LAIRCM to the KC-130J will ensure that the aircraft is fully deployable in any threat environment to provide aerial refueling, airlift, cargo, rapid ground refueling and Intelligence, Surveillance & Reconnaissance and Close Air Support support for the Marine Air-Ground Task Force Commander. This OSIP will also cover improvements to existing KC-130J aircraft survivability equipment by upgrading or replacing Defensive Electronic Counter Measures (DECM) components to maintain the most current threat adaptive, reprogrammable, computer controlled threat defeating systems or by modifying aircraft in the inventory without DECM/LAIRCM for the inclusion of this capability. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The United States Marine Corps (USMC) is leveraging off of integration development and testing performed by the United States Air Force to provide LAIRCM for its C-130J and HC/MC-130J to minimize Non-Recurring Engineering, test and installation costs. The USMC is also leveraging off of Department of Navy LAIRCM platforms to provide a common solution among naval platforms and to reduce Operations and Support costs. Modification of aircraft will be performed as a Drive-In Modification.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (Modification Number - Modification Title): 6 - Electronic Counter Measures (OSIP 020-12)				
Models of Systems Affected: C/KC-130T/J				Type Modification: Safety				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Electronic Counter Measures (OSIP 020-12)												
A Kits												
Recurring												
1.1.1) LAIRCM A Kit - NonOrganic	- / -	8 / 3.600	7 / 3.251	2 / 1.272	- / -	2 / 1.272	7 / 4.532	- / -	- / -	- / -	29 / 14.172	53 / 26.827
Subtotal Recurring	- / -	8 / 3.600	7 / 3.251	2 / 1.272	- / -	2 / 1.272	7 / 4.532	- / -	- / -	- / -	29 / 14.172	53 / 26.827
B Kits												
Recurring												
2.1.1) LAIRCM B Kit - Organic	- / -	8 / 20.800	7 / 18.603	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 33.800	28 / 73.203
Subtotal Recurring	- / -	8 / 20.800	7 / 18.603	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 33.800	28 / 73.203
Non-Recurring												
2.2.1) NRE - Government - Organic	- / -	- / 3.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.200
2.2.2) NRE Contractor - Organic	- / -	- / 3.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.200
Subtotal Non-Recurring	- / -	- / 6.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.400
Total, Electronic Counter Measures (OSIP 020-12)	- / -	16 / 30.800	14 / 21.854	2 / 1.272	- / -	2 / 1.272	7 / 4.532	- / -	- / -	- / -	42 / 47.972	81 / 106.430
Total Procurement, All Modifications	- / -	16 / 30.800	14 / 21.854	2 / 1.272	- / -	2 / 1.272	7 / 4.532	- / -	- / -	- / -	42 / 47.972	81 / 106.430
Support												
3.1) Engineering Change Orders	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.364	- / 0.364
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / -	- / 0.825	- / 0.825	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.650
3.4) Support Equipment	- / -	- / 0.500	- / 0.500	- / -	- / -	- / -	- / 0.267	- / -	- / -	- / -	- / -	- / 1.267
3.5) ILS	- / -	- / 0.200	- / 0.381	- / 0.170	- / -	- / 0.170	- / 0.393	- / 0.420	- / -	- / -	- / 0.858	- / 2.422
3.6) Other Support	- / -	- / 1.900	- / 1.979	- / 0.289	- / -	- / 0.289	- / 1.161	- / 0.356	- / -	- / -	- / 5.054	- / 10.739
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	3.425	3.685	0.459	-	0.459	1.821	0.776	-	-	6.276	16.442
Total Procurement and Support	0.000	34.225	25.539	1.731	-	1.731	6.353	0.776	-	-	54.248	122.872
Electronic Counter Measures (OSIP 020-12) Installation Cost	- / 0.000	- / -	- / 9.979	- / -	- / -	- / -	- / 2.928	- / 3.726	- / -	- / -	- / 18.493	- / 35.126
Total Installation Cost	- / 0.000	- / -	- / 9.979	- / -	- / -	- / -	- / 2.928	- / 3.726	- / -	- / -	- / 18.493	- / 35.126
Total Cost (Procurement + Support + Installation)	0.000	34.225	35.518	1.731	-	1.731	9.281	4.502	-	-	72.741	157.998

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 6 - Electronic Counter Measures (OSIP 020-12)
Models of Systems Affected: C/KC-130T/J	Type Modification: Safety	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0560 - C-130 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Electronic Counter Measures (OSIP 020-12)												
Models of Systems Affected: C/KC-130T/J										Type Modification: Safety										Related RDT&E PEs:												
Manufacturer Information: Electronic Counter Measures (OSIP 020-12)																																
Manufacturer Name: TBD															Manufacturer Location: TBD																	
Administrative Leadtime (<i>in Months</i>): 2															Production Leadtime (<i>in Months</i>): 6																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates		Aug 2012				Feb 2013				Mar 2014				Feb 2015																		
Delivery Dates		May 2013				Aug 2013				Sep 2014				Aug 2015																		
Installation: Electronic Counter Measures (OSIP 020-12)										Method of Implementation: Contractor Drive-In Modification										Installation Name: LAIRCM A Kit												
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -		- / -		8 / 5.300		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 5.300						
FY 2013		- / -		- / -		4 / 4.679		3 / -		- / -		3 / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 4.679						
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		2 / 1.464		- / -		- / -		- / -		- / -		- / -		2 / 1.464						
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		2 / 1.464		5 / 3.726		- / -		- / -		- / -		- / -		7 / 5.190						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		29 / 18.493		29 / 18.493						
Total		- / -		- / -		12 / 9.979		3 / -		- / -		3 / -		4 / 2.928		5 / 3.726		- / -		- / -		- / -		29 / 18.493		53 / 35.126						
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	6	6	3	-	-	-	1	1	-	2	2	2	1	-	-	-	-	-	-	-	-	-	29	53
Out	-	-	-	-	-	-	-	-	-	6	6	3	-	-	-	1	1	-	2	2	2	1	-	-	-	-	-	-	-	-	29	53
Installation: Electronic Counter Measures (OSIP 020-12)										Method of Implementation: Not Installed - LAIRCM B Kit										Installation Quantity: 28												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Hose Reel Reliability Improvements (OSIP 007-13)			
Models of Systems Affected: KC-130T/J			Type Modification: Reliability / Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	2.299	1.364	-	1.364	1.384	1.371	1.433	-	-	7.851
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	2.299	1.364	-	1.364	1.384	1.371	1.433	-	-	7.851
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	2.299	1.364	-	1.364	1.384	1.371	1.433	-	-	7.851
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: The KC-130 aircraft is an all metal, high-wing, long-range, land-based monoplane. Its primary mission is aerial refueling as well as cargo and troop carrier operations. Aerial refueling missions utilize wing mounted refueling pods for refueling high speed and low speed aircraft. The Hose Reel Reliability Improvement program will address the #3 KC-130 readiness degrader by installing a cycle counter to help establish scheduled maintenance/overhaul schedules vice fly to failure replacement while standardizing the configuration of Hose Reels in the KC-130 Fleet. This program will increase Hose Reel reliability as well as increase overall aerial refueling readiness. In addition, it will improve aerial refueling safety, particularly for MV-22 and Joint Strike Fighter. These efforts will also mitigate risk of catastrophic failure which could lead to loss of aircraft and crew. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The cycle counter being installed in the KC-130J Hose Reel is a Commercial Off the Shelf item that will allow Hose Reel deployment cycles to being counted and will assist in establishing routine maintenance cycles vice fly to failure. Updating the Hose Reels to a -109 configuration will occur simultaneously with the counter installation which will allow for refueling of the MV-22 and the Joint Strike Fighter. This effort will be done organically.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (Modification Number - Modification Title): 7 - Hose Reel Reliability Improvements (OSIP 007-13)				
Models of Systems Affected: KC-130T/J			Type Modification: Reliability / Safety					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Hose Reel Reliability Improvements (OSIP 007-13)												
B Kits												
Recurring												
2.1.1) B Kit - Organic ⁽⁷⁾	- / -	- / -	40 / 1.313	40 / 1.312	- / -	40 / 1.312	40 / 1.312	40 / 1.312	40 / 1.312	- / -	- / -	200 / 6.561
Subtotal Recurring	- / -	- / -	40 / 1.313	40 / 1.312	- / -	40 / 1.312	40 / 1.312	40 / 1.312	40 / 1.312	- / -	- / -	200 / 6.561
Total, Hose Reel Reliability Improvements (OSIP 007-13)	- / -	- / -	40 / 1.313	40 / 1.312	- / -	40 / 1.312	40 / 1.312	40 / 1.312	40 / 1.312	- / -	- / -	200 / 6.561
Total Procurement, All Modifications	- / -	- / -	40 / 1.313	40 / 1.312	- / -	40 / 1.312	40 / 1.312	40 / 1.312	40 / 1.312	- / -	- / -	200 / 6.561
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / -	- / -	- / 0.038	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.038
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / -	- / -	- / 0.673	- / 0.052	- / -	- / 0.052	- / 0.072	- / 0.059	- / 0.121	- / -	- / -	- / 0.977
3.6) Other Support	- / -	- / -	- / 0.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.275
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	0.986	0.052	-	0.052	0.072	0.059	0.121	-	-	1.290
Total Procurement and Support	0.000	-	2.299	1.364	-	1.364	1.384	1.371	1.433	-	-	7.851
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	-	2.299	1.364	-	1.364	1.384	1.371	1.433	-	-	7.851

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0560 - C-130 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Hose Reel Reliability Improvements (OSIP 007-13)	
Models of Systems Affected: KC-130T/J			Type Modification: Reliability / Safety			Related RDT&E PEs:	
Manufacturer Information: Hose Reel Reliability Improvements (OSIP 007-13)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Footnotes: ⁽⁷⁾ Installs will be done at "O" Level.							
Installation: Hose Reel Reliability Improvements (OSIP 007-13)			Method of Implementation: Organic - B Kit			Installation Quantity: 200	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Battlefield Illumination Flare Dispensers (OSIP 008-13)			
Models of Systems Affected: KC-130T/J			Type Modification: Mission Readiness / Reliability				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	1.125	-	-	-	-	-	-	-	-	1.125
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	1.125	-	-	-	-	-	-	-	-	1.125
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	1.125	-	-	-	-	-	-	-	-	1.125
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: The KC-130 provides both overt and covert Battlefield Illumination through the use of aircraft parachute flares delivered from a launcher carried on the rear cargo ramp. This mission is a Core Plus Mission Essential Task in accordance with the KC-130 Training & Readiness manual (Marine Combat Training 1.3.4.3), and is routinely conducted in support of theater operations. The Vietnam era flare dispensers are constructed of heavy-gauge aluminum and are strengthened to support the weight of the cargo door, but have deteriorated over decades of use and are in desperate need of replacement as they have reached the end of their useful lifespan. This Operational, Safety and Improvement Program provides funding to manufacture replacement Battlefield Illumination Flare Dispensers for delivery to the fleet. Three dispensers are required per squadron in order to support three-site operations and training.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (Modification Number - Modification Title): 8 - Battlefield Illumination Flare Dispensers (OSIP 008-13)					
Models of Systems Affected: KC-130T/J				Type Modification: Mission Readiness / Reliablilty				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Battlefield Illumination Flare Dispensers (OSIP 008-13)													
B Kits													
Recurring													
2.1.1) B Kit - Organic ⁽⁸⁾	- / -	- / -	15 / 1.125	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.125	
Subtotal Recurring	- / -	- / -	15 / 1.125	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.125	
Total, Battlefield Illumination Flare Dispensers (OSIP 008-13)	- / -	- / -	15 / 1.125	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.125	
Total Procurement, All Modifications	- / -	- / -	15 / 1.125	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.125	
Support													
3.1) Economic Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	0.000	-	1.125	-	-	-	-	-	-	-	-	1.125	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	-	1.125	-	-	-	-	-	-	-	-	1.125	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0560 - C-130 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Battlefield Illumination Flare Dispensers (OSIP 008-13)	
Models of Systems Affected: KC-130T/J			Type Modification: Mission Readiness / Reliability			Related RDT&E PEs:	
Manufacturer Information: Battlefield Illumination Flare Dispensers (OSIP 008-13)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Footnotes: (8) Flare Dispensers are Mission Equipment. Installations occur at the "O" Level.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (Modification Number - Modification Title): 9 - Technical Insertion (OSIP 019-14)				
Models of Systems Affected: KC-130T/J			Type Modification: Capability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	5.500	-	5.500	-	-	-	-	-	5.500
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	5.500	-	5.500	-	-	-	-	-	5.500
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	5.500	-	5.500	-	-	-	-	-	5.500
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: Technical Insertion provides for the insertion of new technologies that update or augment the existing C/KC-130 platform, which address supportability, obsolescence, system updates, commonality, and interoperability among aviation and ground elements. Insertion of the Software Reprogrammable Payload (SRP) will augment existing C/KC-130 radio relay capabilities. The Electronic Propeller Control System (EPCS) addresses the #1 readiness degrader for the legacy C/KC-130 by replacing the failure prone hydro-mechanical propeller control with a solid-state digital system. The Blue Force Tracker (BFT) initiative will add the C/KC-130 to the Blue Force Situational Awareness network, which includes all other assault support and US Army platforms. KuSS antenna is a system upgrade that provides High Speed Data for beyond line of sight communications and provides interoperability across the services. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The C/KC-130 program is post milestone C/sustainment. EPCS is a mature technology available for install in FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (Modification Number - Modification Title): 9 - Technical Insertion (OSIP 019-14)					
Models of Systems Affected: KC-130T/J				Type Modification: Capability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Technical Insertion (OSIP 019-14)													
A Kits													
Recurring													
1.1.1) EPCS A Kit - NonOrganic	- / -	- / -	- / -	5 / 0.668	- / -	5 / 0.668	- / -	- / -	- / -	- / -	- / -	5 / 0.668	
Subtotal Recurring	- / -	- / -	- / -	5 / 0.668	- / -	5 / 0.668	- / -	- / -	- / -	- / -	- / -	5 / 0.668	
B Kits													
Recurring													
2.1.1) EPCS B Kit - Organic	- / -	- / -	- / -	5 / 3.326	- / -	5 / 3.326	- / -	- / -	- / -	- / -	- / -	5 / 3.326	
Subtotal Recurring	- / -	- / -	- / -	5 / 3.326	- / -	5 / 3.326	- / -	- / -	- / -	- / -	- / -	5 / 3.326	
Total, Technical Insertion (OSIP 019-14)	- / -	- / -	- / -	10 / 3.994	- / -	10 / 3.994	- / -	- / -	- / -	- / -	- / -	10 / 3.994	
Total Procurement, All Modifications	- / -	- / -	- / -	10 / 3.994	- / -	10 / 3.994	- / -	- / -	- / -	- / -	- / -	10 / 3.994	
Support													
3.1) Training Equipment Block Upgrade	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) ILS EPCS	- / -	- / -	- / -	- / 0.097	- / -	- / 0.097	- / -	- / -	- / -	- / -	- / -	- / 0.097	
3.3) ILS Block Upgrade	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Other Support EPCS	- / -	- / -	- / -	- / 0.634	- / -	- / 0.634	- / -	- / -	- / -	- / -	- / -	- / 0.634	
3.5) Other Support Block Upgrade	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	0.731	-	0.731	-	-	-	-	-	0.731	
Total Procurement and Support	0.000	-	-	4.725	-	4.725	-	-	-	-	-	4.725	
Technical Insertion (OSIP 019-14) Installation Cost	- / 0.000	- / -	- / -	- / 0.775	- / -	- / 0.775	- / -	- / -	- / -	- / -	- / -	- / 0.775	
Total Installation Cost	- / 0.000	- / -	- / -	- / 0.775	- / -	- / 0.775	- / -	- / -	- / -	- / -	- / -	- / 0.775	
Total Cost (Procurement + Support + Installation)	0.000	-	-	5.500	-	5.500	-	-	-	-	-	5.500	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0560 - C-130 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Technical Insertion (OSIP 019-14)												
Models of Systems Affected: KC-130T/J										Type Modification: Capability										Related RDT&E PEs:												
Manufacturer Information: Technical Insertion (OSIP 019-14)																																
Manufacturer Name: TBD															Manufacturer Location: TBD																	
Administrative Leadtime (<i>in Months</i>): 4															Production Leadtime (<i>in Months</i>): 5																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates										Jan 2014																						
Delivery Dates										Jun 2014																						
Installation: Technical Insertion (OSIP 019-14)										Method of Implementation: Contractor Drive-in Modifications										Installation Name: EPCS A Kit												
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2014		- / -		- / -		- / -		5 / 0.775		- / -		5 / 0.775		- / -		- / -		- / -		- / -		- / -		- / -		5 / 0.775						
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		- / -		- / -		- / -		5 / 0.775		- / -		5 / 0.775		- / -		- / -		- / -		- / -		- / -		- / -		5 / 0.775						
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Out	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0560 - C-130 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Technical Insertion (OSIP 019-14)											
Models of Systems Affected: KC-130T/J										Type Modification: Capability										Related RDT&E PEs:											
Installation: Technical Insertion (OSIP 019-14)										Method of Implementation: [none specified]										Installation Name: A Kit 8.1 Block Upgrade											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	- / -	- / -	- / -	1 / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	- / -	- / -	- / -	1 / -																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Installation: Technical Insertion (OSIP 019-14)										Method of Implementation: Not Installed - EPCS B Kit										Installation Quantity: 5											

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	129.869	-	-	-	-	-	-	-	-	-	-	129.869
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	129.869	-	-	-	-	-	-	-	-	-	-	129.869
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	129.869	-	-	-	-	-	-	-	-	-	-	129.869
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Inactive OSIPs													
A Kits													
Recurring													
1.1.1) Inactive OSIPs - Organic	- / 129.869	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 129.869	
Subtotal Recurring	- / 129.869	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 129.869	
Total, Inactive OSIPs	- / 129.869	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 129.869	
Total Procurement, All Modifications	- / 129.869	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 129.869	
Support													
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	129.869	-	-	-	-	-	-	-	-	-	-	129.869	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	129.869	-	-	-	-	-	-	-	-	-	-	129.869	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0560 - C-130 Series			Modification Nomenclature (Modification Number - Modification Title): 10 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs		Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)												
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:												
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	95.171	1.773	0.670	0.665	-	0.665	0.676	0.682	0.703	0.714	6.930	107.984								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	95.171	1.773	0.670	0.665	-	0.665	0.676	0.682	0.703	0.714	6.930	107.984								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	95.171	1.773	0.670	0.665	-	0.665	0.676	0.682	0.703	0.714	6.930	107.984								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line item funds modifications to avionics equipment used for Fleet Operational Forces and Adversary Air Electronic Warfare training exercises. The overall goal is to accurately simulate the known and postulated electronic warfare characteristics and tactics of various radar and jammer threats for fleet training. Operational, Safety, and Improvement Program (OSIP) 119-83 Fleet Electronic Warfare Support Group equipment, AN/ALQ-167 (jammer) and AN/AST-6(V) (radar simulator) had been installed and/or carried aboard the EA-6B, F-4, F-14, EP-3J, EC-24A and KC-135 aircraft, prior to deactivation of the associated training missions for these aircraft. Current equipment, AN/ALQ-167, AST-6 and follow-on AN/AST-9 pod variants are carried aboard F/A-18, Lear Jet, Kfir (F-21), Hawker/Hunter (F-58), Gulfstream (G-1), and F-16 aircraft. Internal aircraft installation variants, AN/ULQ-21/24 are used in targets and the AN/ALQ-237 rack installation is used on F-5N. The remaining quantity of 20 legacy AST-6 pods are no longer repairable. These pods are being augmented/replaced by AN/AST-9 and will be flown until the end of their operational service life. FY10-FY12 funding procured 27 Advanced Digital Radio Frequency Memory (DRFM) systems to address Adversary Forces training requirements per Naval Strike Air Warfare Center Urgent Operational Need Statement. The Adversary systems (AKA HAVE ALL-Filthy Badger) comprised 17 ALQ-167 pods and 12 F-5N rack installs. The remaining pod inventory of legacy ALQ-167 pods is 16 with a goal of converting one pod per year to DRFM configuration starting in FY 13.																				
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)	P3A				95.171			1.773			0.670			0.665			-			0.665

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost					95.171			1.773			0.670			0.665			-			0.665	
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)	P3A				0.676			0.682			0.703			0.714			6.930			107.984	
Total Gross/Weapon System Cost					0.676			0.682			0.703			0.714			6.930			107.984	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)				
Models of Systems Affected: NOT APPLICABLE			Type Modification: RELIABILITY, MAINTAINABILITY, CAPABILITY				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	95.171	1.773	0.670	0.665	-	0.665	0.676	0.682	0.703	0.714	6.930	107.984
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	95.171	1.773	0.670	0.665	-	0.665	0.676	0.682	0.703	0.714	6.930	107.984
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	95.171	1.773	0.670	0.665	-	0.665	0.676	0.682	0.703	0.714	6.930	107.984
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: The AN/ALQ-167 pods electronically simulate threat airborne radar jamming systems. The AN/ALQ-167 pod components can also be installed internally in aircraft. When these components are used in this type of configuration, they are nomenclatured AN/DLQ-3 and AN/ULQ-21/24. AN/AST-4 was replaced by AN/AST-6. The AN/AST-6(V) pod electronically simulates several types of threat anti-ship missile seeker and air-to-air missile systems. Original variants of these podded devices were first introduced into the fleet in 1980 and proved exceptionally useful in readiness exercises and for tactical contingencies. Subsequent variants were developed to meet the technology advances of the threat systems. The tactical contingency pods were removed from fleet service in FY2002 and returned to the pod depot for component reuse. This program provides for the procurement and continued support of additional quantities of these pods or conversion of older pod variants and/or contingency pods to newer variants for use by Fleet Area Control and Surveillance Facility in support of operational fleet training and for Top Gun/Adversary Squadrons in support of adversary air exercises. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The objective for the AN/ALQ-167 was 186 pods. Prior to the tactical contingency pod divestiture, inventory was 146. The AN/ALQ-167 pods avionics are being upgraded to provide increased performance/advanced capability using Digital Radio Frequency Memory (DRFM) technology. Internal installations of the DRFM avionics are planned for Adversary Squadron F-5 aircraft in FY 10 -12. Remaining quantities are for pod carriage capability aboard F-18, F-16, Kfir, Hawker/Hunter and Gulfstream I aircraft. Current pod inventory is 41 with a goal of converting one pod per year to DRFM configuration. There are 20 AN/AST-6(V) production assets. AN/AST-6(V) was phased out of service and replaced by 30 AN/AST-9 production assets in FY 2011. AN/ALE-43 pods have been transitioned from fleet training use to tactical use. No future AN/AST-6 or AN/ALE-43 pods or pod modifications are being funded via this Operational, Safety, and Improvement Program.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)				Modification Nomenclature (Modification Number - Modification Title): 1 - AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)				
Models of Systems Affected: NOT APPLICABLE			Type Modification: RELIABILITY, MAINTAINABILITY, CAPABILITY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)												
B Kits												
Recurring												
2.1.1) Install Equipment (B Kits) - Organic ⁽¹⁾	1,042 / 75.326	3 / 0.639	1 / 0.335	1 / 0.421	- / -	1 / 0.421	1 / 0.429	1 / 0.435	1 / 0.441	1 / 0.448	11 / 5.320	1,062 / 83.794
Subtotal Recurring	1,042 / 75.326	3 / 0.639	1 / 0.335	1 / 0.421	- / -	1 / 0.421	1 / 0.429	1 / 0.435	1 / 0.441	1 / 0.448	11 / 5.320	1,062 / 83.794
Non-Recurring												
2.2.1) Install Equipment N/R - Organic	- / 1.694	- / 0.304	- / 0.050	- / 0.051	- / -	- / 0.051	- / 0.052	- / 0.053	- / 0.055	- / 0.056	- / 0.234	- / 2.549
2.2.2) Training Equipment - Organic	3 / 4.760	- / 0.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.202	3 / 4.987
2.2.3) Support Equipment - Organic	- / 5.479	- / 0.035	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.004	- / 5.518
Subtotal Non-Recurring	3 / 11.933	- / 0.364	- / 0.050	- / 0.051	- / -	- / 0.051	- / 0.052	- / 0.053	- / 0.055	- / 0.056	- / 0.440	3 / 13.054
Total, AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)	1,045 / 87.259	3 / 1.003	1 / 0.385	1 / 0.472	- / -	1 / 0.472	1 / 0.481	1 / 0.488	1 / 0.496	1 / 0.504	11 / 5.760	1,065 / 96.848
Total Procurement, All Modifications	1,045 / 87.259	3 / 1.003	1 / 0.385	1 / 0.472	- / -	1 / 0.472	1 / 0.481	1 / 0.488	1 / 0.496	1 / 0.504	11 / 5.760	1,065 / 96.848
Support												
3.1) Engineering Change Orders	- / 2.928	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.928
3.2) Data	- / 0.361	- / 0.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.193	- / 0.579
3.3) ILS	- / 1.469	- / 0.208	- / 0.073	- / 0.069	- / -	- / 0.069	- / 0.069	- / 0.070	- / 0.072	- / 0.074	- / 0.490	- / 2.594
3.4) Other Support	- / 3.154	- / 0.537	- / 0.212	- / 0.124	- / -	- / 0.124	- / 0.126	- / 0.124	- / 0.135	- / 0.136	- / 0.487	- / 5.035
3.5) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	7.912	0.770	0.285	0.193	-	0.193	0.195	0.194	0.207	0.210	1.170	11.136
Total Procurement and Support	95.171	1.773	0.670	0.665	-	0.665	0.676	0.682	0.703	0.714	6.930	107.984
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	95.171	1.773	0.670	0.665	-	0.665	0.676	0.682	0.703	0.714	6.930	107.984

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)	
Models of Systems Affected: NOT APPLICABLE			Type Modification: RELIABILITY, MAINTAINABILITY, CAPABILITY		Related RDT&E PEs:		
Manufacturer Information: AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)							
			Method of Implementation: Organic - Install Equipment (B Kits)			Installation Quantity: 1062	
Installation: AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)							
			Method of Implementation: Organic - Training Equipment			Installation Quantity: 3	
Footnotes: ⁽¹⁾ Notes: 1. Total Qty is inclusive of pod systems/variants that were procured, deployed and retired and no longer in inventory. Additionally, the yearly quantity of two has been in many cases, modification of pods vice new production, therefore total quantity shown does not reflect current inventory. 2. FY10 - 12 Install Equipment (B Kits) funding addresses the updated ALQ-167 Pod that provides enhanced threat simulation capabilities. This new pod unit cost has increased significantly. FY 10 - 12 funding will procure 34 AN/ALQ-167 DRFM pod variants to address Adversary Air requirements per Naval Strike Air Warfare Center Urgent Operational Need Statement. 3. Installation costs will be determined by the Engineering Change Proposal.							

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	210.855	33.743	26.311	14.587	-	14.587	16.073	16.231	16.588	16.777	77.748	428.913
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	210.855	33.743	26.311	14.587	-	14.587	16.073	16.231	16.588	16.777	77.748	428.913
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	210.855	33.743	26.311	14.587	-	14.587	16.073	16.231	16.588	16.777	77.748	428.913
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line item funds modifications to the following cargo and transport aircraft: C-9B, C-40A, C-20A, C-20D, C-20G, C-37A, C-37B, C-26D, EC-26D, RC-26D, UC-35C, UC-35D, UC-12B, UC-12F, UC-12M, UC-12W, RC-12F, RC-12M, and NC-12B. The C-9B Skytrain II, C-40A Clipper, C-20A/D Gulfstream III, C-20G Gulfstream IV, C-37A Gulfstream V, C-37 B Gulfstream 550, UC-35C Cessna Ultra, UC-35D Cessna Encore are commercial twin jet transport aircraft that provide time-critical medium lift logistic support for the fleet combatant commanders. The C-9B is capable of carrying up to 32,000 pounds of cargo and personnel for over 1,739 nautical miles. The C-40A can accommodate 121 passengers, or 8 pallets of cargo, or a combination configuration of 3 pallets and 70 passengers with a range of 3,400 nautical miles. The C-20G can accommodate 26 passengers or all pallets of cargo, or a combination of pallets and passengers with a range of 5,130 nautical miles. The C-20A/D and C-37 provide worldwide executive transport to Secretary of the Navy, Chief of Naval Operations, Commandant of the Marine Corps, and Fleet Commanders. The UC-35 provides transport for high priority passenger/cargo missions with time, place or mission sensitive requirements. The UC-35 can accommodate 6 passengers or 1,200 pounds of cargo with a range of 1,300 nautical miles. The C-12 King Air and C-26 Metro variants are commercial twin turbo-prop aircraft that provide shorter-range light lift passenger/cargo transport and range control missions. The C-12 is capable of carrying 6 passengers or maximum cargo capacity of 2,850 pounds, with a range of 1,075 nautical miles. The C-26 is capable of carrying 19 passengers 1,300 nautical miles. Block 1 aircraft modifications were procured between FY-04 and FY-11. Some of the systems affected by Block 1 were Mode Select Elementary and Enhanced Surveillance, Enhanced Ground Proximity Warning System Runway Terrain Awareness and Warning System, Reduced Vertical Separation Minima, Honeywell Digital Cockpit Display System for Retrofit Aircraft or Rockwell Collins Pro-Line 21 modernization, 406MHz Emergency Locator Transmitter, Very High Frequency 8.33KHz spacing, Frequency Modulation Immunity, Cockpit voice recorder memory upgrades and incorporation of digital Flight management and communication systems. In FY12-FY14 Block 2 aircraft modifications will occur. Some of the systems affected by Block 2 are Traffic Alert and Collision Avoidance System, Runway Awareness and Advisory System, UniLink 800/801Aircraft Communications Addressing and Reporting System, Controller Pilot Data Link Communication and Automatic Dependent Surveillance-Contract datalink, Satellite Communications capability (Iridium or International Maritime Satellite) and services. OCO FY2012 -												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements:		

MDAP/MAIS Code(s):									
OSIP 023-12 upgrades C-20G with Aircraft Survivability Equipment (ASE).									
OSIP 024-12 upgrades UC-35D with ASE.									
OSIP 025-12 upgrades UC-12W aircraft with an additional ALE-47 Forward Firing Dispenser and Extended Range Tanks.									

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
NR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	33.743	26.311	14.587	-	14.587	16.073	16.231	16.588	16.777

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)	P3A				21.976			0.025			0.025			0.025			-			0.025
2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0	P3A				131.431			15.348			16.286			14.262			-			14.262
3 - FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR	P3A				2.700			0.090			-			-			-			-
4 - C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)	P3A				0.000			6.000			10.000			-			-			-
5 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12)	P3A				0.000			3.900			-			-			-			-
6 - UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)	P3A				0.000			8.380			-			0.300			-			0.300

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
7 - RESERVE FORCES Inactive OSIPs	P3A			54.748			-			-			-			-			-		
Total Gross/Weapon System Cost				210.855			33.743			26.311			14.587			-			14.587		
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)	P3A			0.025			0.025			0.025			0.025			-			22.151		
2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0	P3A			16.048			16.206			16.563			16.752			77.748			320.644		
3 - FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR	P3A			-			-			-			-			-			2.790		
4 - C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)	P3A			-			-			-			-			-			16.000		
5 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12)	P3A			-			-			-			-			-			3.900		
6 - UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)	P3A			-			-			-			-			-			8.680		
7 - RESERVE FORCES Inactive OSIPs	P3A			-			-			-			-			-			54.748		
Total Gross/Weapon System Cost				16.073			16.231			16.588			16.777			77.748			428.913		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
Justification: Basis for FY2014 budget request: provides funding to procure aircraft modifications for Cargo Transport Aircraft.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (Modification Number - Modification Title): 1 - FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)				
Models of Systems Affected: CARGO TRANSPORT AC SERIES			Type Modification: SAFETY/RELIABILITY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	21.976	0.025	0.025	0.025	-	0.025	0.025	0.025	0.025	0.025	-	22.151
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	21.976	0.025	0.025	0.025	-	0.025	0.025	0.025	0.025	0.025	-	22.151
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	21.976	0.025	0.025	0.025	-	0.025	0.025	0.025	0.025	0.025	-	22.151
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: Federal Aviation Regulations require manufacturers of commercial aircraft and associated systems/subsystems to investigate discrepant conditions, failures, and potential safety problems reported by all operators. The results of these investigations with recommended corrective action are reviewed/authorized by Federal Aviation Administration (FAA) designated representatives and provided to all operators as service bulletins. Each service bulletin is a complete technical directive that provides corrective change information or detailed modification instructions. To ensure safe, reliable, FAA/Navy certified aircraft and to provide a program that will assure continued life extension at minimum cost, the Navy must maintain configuration and integrity compatible with FAA certified commercial models by incorporation of applicable service bulletins. The incorporation of certain service bulletins also serves to preclude extensive repairs/repetitive inspections. Crew equipment requirements in accordance with FAA directives and/or Navy requirements will be incorporated to ensure maximum safety in case of emergency. Specific examples of systems that will require modification to conform to FAA Service Bulletins and Directives include Brakes, Landing Gear Systems, Flight Controls, Engine Modifications, Propeller Modifications, Airframe Modifications, Hydraulics, Electrical/Mechanical Systems & Components, Fuel Systems, Software Modifications/Upgrades, Fire Detection Systems, Interior Environmental Systems, Pressurization Systems, Oxygen Systems, Pilot-Static Systems and Smoke/Fire Detection Systems. Modifications budgeted in this Operational Safety and Improvement Program include the incorporation of Service Bulletins/Directives requirements into the C-9B, C-40A, C-20A, C-20D, C-20G, C-37A, C-37B, C-26D, EC-26D, RC-26D, UC-35C, UC-35D, UC-12B, UC-12F, UC-12M, UC-12W, RC-12F, RC-12M, and NC-12B aircraft. Development Status/Major Development Milestones: Service Bulletins are reviewed for possible incorporation on an as required basis. Prototype verification has been previously accomplished and approved by the FAA.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (Modification Number - Modification Title): 1 - FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)
Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (Modification Number - Modification Title): 1 - FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)					
Models of Systems Affected: CARGO TRANSPORT AC SERIES				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)													
A Kits													
Recurring													
1.1.1) Tech Directive Implementation - Organic	- / 0.175	- / 0.025	- / 0.025	- / 0.025	- / -	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.350	
1.1.2) C-12 Propellers - Organic	74 / 0.990	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	74 / 0.990	
1.1.3) C-20 - Organic	298 / 1.430	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	298 / 1.430	
1.1.4) C-26 - Organic	11 / 0.376	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.376	
1.1.5) C-9 - Organic	282 / 5.326	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	282 / 5.326	
1.1.6) C-9 Engines - Organic	13 / 0.185	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.185	
1.1.7) C-9 Hush Kits - Organic	1 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.200	
1.1.8) PY Installs - Organic	- / 7.564	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.564	
Subtotal Recurring	679 / 17.246	- / 0.025	- / 0.025	- / 0.025	- / -	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	679 / 17.421	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 2.832	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.832	
Subtotal Non-Recurring	- / 2.832	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.832	
Total, FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)	679 / 20.078	- / 0.025	- / 0.025	- / 0.025	- / -	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / -	679 / 20.253	
Total Procurement, All Modifications	679 / 20.078	- / 0.025	- / 0.025	- / 0.025	- / -	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / 0.025	- / -	679 / 20.253	
Support													
3.1) Engineering Change Orders	- / 0.360	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.360	
3.2) Data	- / 0.293	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.293	
3.3) Training Equipment	- / 0.206	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.206	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.016	
3.6) Other Support	- / 0.816	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.816	

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series			
				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)			

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.7) Interim Contractor Support	- / 0.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.207
<i>Total Support, All Modifications</i>	1.898	-	-	-	-	-	-	-	-	-	-	1.898
<i>Total Procurement and Support</i>	21.976	0.025	0.025	0.025	-	0.025	0.025	0.025	0.025	0.025	-	22.151
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	21.976	0.025	0.025	0.025	-	0.025	0.025	0.025	0.025	0.025	-	22.151

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)	
Models of Systems Affected: CARGO TRANSPORT AC SERIES			Type Modification: SAFETY/RELIABILITY			Related RDT&E PEs:	
Manufacturer Information: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)			Method of Implementation: Not Installed - C-12 Propellers			Installation Quantity: 74	
Installation: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)			Method of Implementation: Not Installed - C-20			Installation Quantity: 298	
Installation: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)			Method of Implementation: Not Installed - C-26			Installation Quantity: 11	
Installation: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)			Method of Implementation: Not Installed - C-9			Installation Quantity: 282	
Installation: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)			Method of Implementation: Not Installed - C-9 Engines			Installation Quantity: 13	
Installation: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES RESERVE FORCES(OSIP 071-86)			Method of Implementation: Not Installed - C-9 Hush Kits			Installation Quantity: 1	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0			

Models of Systems Affected: CARGO TRANSPORT AC SERIES				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	131.431	15.348	16.286	14.262	-	14.262	16.048	16.206	16.563	16.752	77.748	320.644
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	131.431	15.348	16.286	14.262	-	14.262	16.048	16.206	16.563	16.752	77.748	320.644
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	131.431	15.348	16.286	14.262	-	14.262	16.048	16.206	16.563	16.752	77.748	320.644
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

World-wide airspace congestion and communication bandwidth saturation has led the International Civil Aviation Organization to restructure the world-wide airspace structure to improve safety through a series of equipment and performance mandates implemented by regional authorities. The Type/Models/Series cited below will be required to comply with Communication, Navigation and Surveillance - Air Traffic Management (CNS-ATM) mandates to retain the Navy's capability to operate these aircraft worldwide. Failure to comply with these time-phased mandates will result in being denied access to high-volume airspace (routing and altitudes) and airfields, and result in circuitous routing and sub optimal altitudes. Required modifications to meet these CNS-ATM mandates are being implemented on post production aircraft as capabilities listed in the third paragraph.

To minimize the impact of successive modifications and maximize aircraft availability, a block upgrade approach has been taken during this budget submit. C-20D, C-12 and C-26 expenditures in FY09 and prior years comprise part of Block 1 as noted below by an *. Block upgrades have been prioritized and phased to meet regional mandates' just in time to ensure that commercial CNS-ATM solutions are available off the shelf to minimize non-reoccurring engineering associated with Federal Aviation Administration supplemental type certification. In order to incorporate CNS-ATM mandates several older aircraft (C-20D, C-35C, all C-26 and C-12) required the installation of a digital flight management and communication system.

CNS-ATM capabilities associated with each Block Upgrade are listed below:

C-9B: Block 1 - Enhanced Surveillance (EHS) + Flight Management System (FMS) upgrade, Correct Q Switching, Enhanced Ground Proximity Warning System (EGPWS); Block 2 - Upgrade Flight Management Software to 1000.6 and incorporate new solid state dataloader, Traffic Alert and Collision Avoidance System (TCAS 7.1), EGPWS altitude callouts and Runway Awareness and Advisory System; incorporate UniLink 800/801 Aircraft Communications Addressing and Reporting System (ACARS), Air Traffic Service (ATS) Facilities Notification, Controller Pilot Data Link Communication (CPDLC) and

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0
Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
Automatic Dependent Surveillance-Contract (ADS-C) datalink, activate Very High Frequency Data Link (VDL)-2 and add Satellite Communication (SATCOM) capability [Iridium or International Maritime Satellite (INMARSAT)] and services; New Multifunction display and Ground Based Augmentation Landing System (GLS). No Block 3. C-40A: Block 1 - EHS, ACARS, CPDLC and GLS; Block 2 - TCAS 7.1, Activate VDL-2 and add SATCOM capability (Iridium or INMARSAT) and services; Upgrade Flight Management Software with U10.8A Operational Flight Program and incorporate new solid state dataloader. Block 3 - Trajectory based ops+ Modify APX-119, new control panel KIV-77 for Mode V IFF Install; Installs Performance Based Services; Weather Integration, ADS-Broadcast (B) In/Out + L5 Global Positioning System (GPS) Installs. C-37A: Block 1 - EHS upgrade; Block 2 - TCAS 7.1, incorporate Airframe Service Change (ASC) 183, 186, 187, 188; add provisions for ACARS, ATS Facilities Notification, CPDLC and ADS-C datalink, Communication Management Unit (CMU), add VDL-2 and SATCOM capability (Iridium or INMARSAT) and services. Block 3 - Trajectory based ops+ Modify APX-119, new control panel KIV-77 for Mode V Identification, Friend or Foe (IFF) Install; Performance Based Services, Weather Integration, ADS-B In/Out + L5 GLS Installs. C-35C: Block 1 - 2nd FMS, Mode S upgrade, Emergency Locator Transmitter (ELT); Block 2 - Install Electronic Standby Instrument System ESIS + new instrument panels+ install Universal Navigation System (UNS)-1Espw with Wide Area Augmentation System (WAAS) + Localizer Performance with Vertical Guidance (LPV); TCAS 7.1 and new display to replace obsolete MST-67/Multi Function Display (MFD); add provisions for ACARS, ATS Facilities Notification, CPDLC and ADS-C datalink, CMU, add VDL-2 and SATCOM capability (Iridium or INMARSAT) and services. Block 3-Performance Based Services; Weather Integration. C-35D: Block 1 - 2nd FMS and Mode S upgrade; Block 2 - Install UNS-1Espw with WAAS/Satellite Based Augmentation System/LPV; TCAS 7.1 and new display to replace obsolete MST-67/MFD; add provisions for ACARS, ATS Facilities Notification, CPDLC and ADS-C datalink, CMU, add VDL-2 and SATCOM capability (Iridium or INMARSAT) and services. Block 3 - Performance Based Services, Weather Integration, ADS-B In/Out + L5 GPS Installs. C-26 EC/RC/UC-26D: Block 1 - Terrain Awareness and Warning System (TAWS)*, Required Navigation Performance (RNP-1), Flight Management System, and Pro-Line 21 Upgrade; Block 2 - Install FMS upgrade, WAAS & RNP, TCAS 7.1, add provisions for ACARS, ATS Facilities Notification, CPDLC and ADS-C datalink, CMU, add VDL-2 and SATCOM capability (Iridium or INMARSAT) and services. Block 3 - Trajectory based ops+ Modify APX-119, new control panel KIV-77 for Mode V IFF Install, Performance Based Services, Weather Integration, ADS-B In/Out + L5 GPS Installs. C-20A: Block 1 - Mode S, ELT, TAWS upgrade, and CPDLC; Block 2 - TCAS 7.1, Data Loader Upgrade; No Block 3. C-20D: Block 1 - Avionics Upgrade* High Frequency HF Radio Upgrade*, Mode S, ELT, TAWS upgrade, APX119 Transponder; Block 2 - TCAS 7.1, install APX119 Transponder, FMS 6.1 upgrade, WAAS & RNP, add provisions for ACARS, ATS Facilities Notification, CPDLC and ADS-C datalink. Block 3 - Trajectory based ops+ Modify APX-119, new control panel KIV-77 for Mode V IFF Install + L5 GPS Installs Performance Based Services, Weather Integration. C-20G: Block 1 - Mode S and TAWS upgrade, Avionics Upgrade, APX119 Transponder; Block 2 - TCAS 7.1, install APX119 Transponder, incorporate ASC 476, 477, 478 & 479; WAAS & RNP Upgrade, add provisions for ACARS, ATS Facilities Notification, CPDLC and ADS-C datalink. Block 3 - Trajectory based ops+ Modify APX-119, new control panel KIV-77 for Mode V IFF Install + L5 GPS Installs, Performance Based Services, Weather Integration, Implement ADS-B In/Out. C-12B: Block 1 - Protected Instrument Landing System (P-ILS)*, ELT, 8.33 KHz Very High Frequecny (VHF) Channel Spacing*; Block 2 - TCAS 7.1 + New Flight management system. No Block 3. C-12F: Block 1 - Pro-Line 21 Upgrade, SATCOM, Reduced Vertical Separation Minima, ELT and Mode S upgrade; Block 2 - TCAS 7.1, Install FMS upgrade and new solid state dataloader DBU-5010, WAAS & RNP, add provisions for ACARS, ATS Facilities Notification, CPDLC and ADS-C datalink, CMU, add VDL-2 and SATCOM capability (Iridium or INMARSAT) and services, Implement Mode 5 upgrade; Block 3 Performance Based Services + KIV + Trajectory based ops + L5 GPS Installs, Weather Integration, Implement ADS-B In/Out. C-12M: Block 1 - Pro-Line 21 Upgrade, 8.33 KHz VHF Channel Spacing*; Block 2 - TCAS 7.1, Install FMS upgrade and new solid state dataloader DBU-5010, WAAS & RNP, add provisions for ACARS, ATS Facilities Notification, CPDLC and ADS-C datalink, CMU, add VDL-2 and SATCOM capability (Iridium or INMARSAT) and services, Implement Mode 5 upgrade; Block 3 - Performance Based Services + Trajectory based ops + Weather Integration, Implement ADS-B In/Out. UC-12W: Block 2 - TCAS 7.1; Aural Tone Warning, Install FMS upgrade, WAAS & RNP; add provisions for ACARS, ATS Facilities Notification, CPDLC and ADS-C datalink; CMU, add VDL-2 and SATCOM capability (Iridium or INMARSAT) and services. Block 3 - Trajectory based ops+ Modify APX-119, new control panel KIV-77 for Mode V IFF Install, Performance Based Services, Weather Integration, Implement ADS-B In/Out + L5 GPS Installs.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0
Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (Modification Number - Modification Title): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0					
Models of Systems Affected: CARGO TRANSPORT AC SERIES				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0													
A Kits													
Recurring													
1.1.1) 8.33KHZ (C-12) - NonOrganic ⁽¹⁾	16 / 0.685	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.685	
1.1.2) Avionics Upgrade (C-20D) - NonOrganic	2 / 2.419	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.419	
1.1.3) Block 1 (C-37) - NonOrganic	4 / 0.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.650	
1.1.4) Block 1 (UC-35) - NonOrganic	6 / 0.640	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.640	
1.1.5) Block 1 (C-26) - NonOrganic	10 / 1.486	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.486	
1.1.6) Block 1 (C-20) - NonOrganic	6 / 0.270	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.270	
1.1.7) Block 1 (C-12) - NonOrganic	26 / 7.547	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 7.547	
1.1.8) Block 2 (C-40/C-9) - NonOrganic	8 / 0.000	9 / 0.450	- / -	2 / 0.090	- / -	2 / 0.090	7 / 0.315	- / -	- / -	- / -	- / -	26 / 0.855	
1.1.9) Block 2 (C-37) - NonOrganic	9 / 0.500	3 / 0.225	1 / 0.075	2 / 0.160	- / -	2 / 0.160	- / -	- / -	- / -	- / -	- / -	15 / 0.960	
1.1.10) Block 2 (UC-35) - NonOrganic ⁽²⁾	11 / 0.000	2 / 0.080	2 / 0.080	4 / 0.160	- / -	4 / 0.160	6 / 0.240	- / -	- / -	- / -	- / -	25 / 0.560	
1.1.11) Block 2 (C-26) - NonOrganic ⁽³⁾	2 / 0.000	5 / 0.375	1 / 0.100	3 / 0.300	- / -	3 / 0.300	3 / 0.300	- / -	- / -	- / -	- / -	14 / 1.075	
1.1.12) Block 2 (C-20) - NonOrganic	13 / 0.790	3 / 0.300	4 / 0.400	1 / 0.140	- / -	1 / 0.140	- / -	- / -	- / -	- / -	- / -	21 / 1.630	
1.1.13) Block 2 (C-12) - NonOrganic ⁽⁴⁾	23 / 0.658	14 / 0.770	22 / 0.880	4 / 0.180	- / -	4 / 0.180	- / -	- / -	- / -	- / -	- / -	63 / 2.488	
1.1.14) Block 3 (C-40/C-9) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.540	3 / 0.180	4 / 0.280	14 / 0.980	30 / 1.980	
1.1.15) Block 3 (C-37) - NonOrganic	- / -	- / -	- / -	2 / 0.200	- / -	2 / 0.200	2 / 0.200	2 / 0.300	2 / 0.300	2 / 0.800	2 / 0.800	12 / 2.600	
1.1.16) Block 3 (UC-35) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.450	3 / 0.450	6 / 1.900	12 / 3.800	24 / 6.600	
1.1.17) Block 3 (C-26) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.050	7 / 1.050	
1.1.18) Block 3 (C-20) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.050	- / -	6 / 0.300	- / -	4 / 0.480	11 / 0.830	
1.1.19) Block 3 (C-12) - NonOrganic	- / -	- / -	- / -	3 / 0.300	- / -	3 / 0.300	6 / 0.600	- / -	- / -	- / -	17 / 2.300	26 / 3.200	
1.1.20) Data Link (C-26) - NonOrganic	7 / 0.602	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.602	
1.1.21) HF Radio Upgrade (C-20A) - NonOrganic	2 / 0.684	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.684	
1.1.22) P-ILS (C-12) - NonOrganic	42 / 0.481	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.481	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series					Modification Nomenclature (Modification Number - Modification Title): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0				
Models of Systems Affected: CARGO TRANSPORT AC SERIES			Type Modification: SAFETY/RELIABILITY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Subtotal Recurring	187 / 17.412	36 / 2.200	30 / 1.535	21 / 1.530	- / -	21 / 1.530	25 / 1.705	14 / 1.290	14 / 1.230	12 / 2.980	56 / 9.410	395 / 39.292
Non-Recurring												
1.2.1) Installation Kits N/R - Organic ⁽⁵⁾	- / 27.989	- / 0.228	- / 0.853	- / 2.214	- / -	- / 2.214	- / 0.200	- / 1.700	- / 2.200	- / 0.502	- / 8.998	- / 44.884
Subtotal Non-Recurring	- / 27.989	- / 0.228	- / 0.853	- / 2.214	- / -	- / 2.214	- / 0.200	- / 1.700	- / 2.200	- / 0.502	- / 8.998	- / 44.884
B Kits												
Recurring												
2.1.1) Avionics Upgrade C-20D - Organic	- / 0.085	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.085
2.1.2) Block 1 - Organic	65 / 30.228	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 30.228
2.1.3) Block 1 (C-40/C-9) - NonOrganic ⁽⁶⁾	2 / 1.890	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.890
2.1.4) Block 2 - Organic ⁽⁷⁾	41 / 2.848	32 / 7.573	30 / 7.309	13 / 3.764	- / -	13 / 3.764	16 / 5.505	- / -	- / -	- / -	- / -	132 / 26.999
2.1.5) Block 2 (C-40/C-9) - NonOrganic	10 / 1.630	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.630
2.1.6) Block 3 - Organic	- / -	- / -	- / -	3 / 1.440	- / -	3 / 1.440	9 / 4.285	14 / 7.278	14 / 6.300	12 / 6.200	58 / 27.100	110 / 52.603
2.1.7) HF Radio Upgrade C-20A - Organic	1 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.500
Subtotal Recurring	119 / 37.181	32 / 7.573	30 / 7.309	16 / 5.204	- / -	16 / 5.204	25 / 9.790	14 / 7.278	14 / 6.300	12 / 6.200	58 / 27.100	320 / 113.935
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic ⁽⁸⁾	- / 3.208	- / 0.075	- / 0.325	- / 0.631	- / -	- / 0.631	- / 0.150	- / -	- / 0.300	- / -	- / 1.775	- / 6.464
Subtotal Non-Recurring	- / 3.208	- / 0.075	- / 0.325	- / 0.631	- / -	- / 0.631	- / 0.150	- / -	- / 0.300	- / -	- / 1.775	- / 6.464
Total, COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0	306 / 85.790	68 / 10.076	60 / 10.022	37 / 9.579	- / -	37 / 9.579	50 / 11.845	28 / 10.268	28 / 10.030	24 / 9.682	114 / 47.283	715 / 204.575
Total Procurement, All Modifications	306 / 85.790	68 / 10.076	60 / 10.022	37 / 9.579	- / -	37 / 9.579	50 / 11.845	28 / 10.268	28 / 10.030	24 / 9.682	114 / 47.283	715 / 204.575
Support												
3.1) Engineering Change Orders	- / 0.160	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.160
3.2) Data	- / 4.416	- / 0.244	- / 0.393	- / 0.325	- / -	- / 0.325	- / 0.255	- / 0.288	- / 0.380	- / 0.420	- / 2.075	- / 8.796
3.3) Training Equipment ⁽⁹⁾	- / 1.155	- / 0.198	- / 0.340	- / 0.475	- / -	- / 0.475	- / 0.150	- / 0.800	- / 0.606	- / 0.667	- / 2.650	- / 7.041
3.4) Support Equipment ⁽¹⁰⁾	- / 0.356	- / -	- / 0.224	- / 0.410	- / -	- / 0.410	- / 0.060	- / 0.186	- / 0.200	- / 0.200	- / 0.475	- / 2.111
3.5) ILS	- / 3.005	- / 0.055	- / 0.384	- / 0.387	- / -	- / 0.387	- / 0.052	- / 0.308	- / 0.273	- / 0.300	- / 1.525	- / 6.289

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0

Models of Systems Affected: CARGO TRANSPORT AC SERIES			Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:	

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.6) Other Support	- / 6.238	- / 0.170	- / 0.583	- / 0.264	- / -	- / 0.264	- / 0.092	- / 0.402	- / 0.528	- / 0.381	- / 1.480	- / 10.138
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	15.330	0.667	1.924	1.861	-	1.861	0.609	1.984	1.987	1.968	8.205	34.535
Total Procurement and Support	101.120	10.743	11.946	11.440	-	11.440	12.454	12.252	12.017	11.650	55.488	239.110
COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0 Installation Cost	- / 30.311	- / 4.605	- / 4.340	- / 2.822	- / -	- / 2.822	- / 3.594	- / 3.954	- / 4.546	- / 5.102	- / 22.260	- / 81.534
Total Installation Cost	- / 30.311	- / 4.605	- / 4.340	- / 2.822	- / -	- / 2.822	- / 3.594	- / 3.954	- / 4.546	- / 5.102	- / 22.260	- / 81.534
Total Cost (Procurement + Support + Installation)	131.431	15.348	16.286	14.262	-	14.262	16.048	16.206	16.563	16.752	77.748	320.644

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0											
Models of Systems Affected: CARGO TRANSPORT AC SERIES					Type Modification: SAFETY/RELIABILITY										Related RDT&E PEs:																
Manufacturer Information: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 1																		
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Dec 2011		Dec 2012		Dec 2013		Dec 2014		Dec 2015		Dec 2016		Dec 2017																	
Delivery Dates		Jan 2012		Jan 2013		Jan 2014		Jan 2015		Jan 2016		Jan 2017		Jan 2018																	
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0													Method of Implementation: Depot Contractor							Installation Name: CNS/ATM C-12											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		107 / 8.562	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	107 / 8.562																		
FY 2012		- / -	14 / 1.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 1.350																		
FY 2013		- / -	- / -	22 / 2.850	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 2.850																		
FY 2014		- / -	- / -	- / -	7 / 0.562	- / -	7 / 0.562	- / -	- / -	- / -	- / -	- / -	7 / 0.562																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.724	- / -	- / -	- / -	- / -	6 / 0.724																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 4.000	17 / 4.000																		
Total		107 / 8.562	14 / 1.350	22 / 2.850	7 / 0.562	- / -	7 / 0.562	6 / 0.724	- / -	- / -	- / -	17 / 4.000	173 / 18.048																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	107	-	5	5	4	-	7	7	8	-	2	2	3	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	17	173
Out	107	-	5	5	4	-	7	7	8	-	2	2	3	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	17	173

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0													
Models of Systems Affected: CARGO TRANSPORT AC SERIES										Type Modification: SAFETY/RELIABILITY										Related RDT&E PEs:													
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0										Method of Implementation: Depot Contractor										Installation Name: CNS/ATM C-20													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
All Prior Years										23 / 5.910		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		23 / 5.910			
FY 2012										- / -		3 / 0.600		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.600			
FY 2013										- / -		- / -		4 / 0.800		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.800			
FY 2014										- / -		- / -		- / -		1 / 0.100		- / -		1 / 0.100		- / -		- / -		- / -		- / -		1 / 0.100			
FY 2015										- / -		- / -		- / -		- / -		- / -		1 / 0.200		- / -		- / -		- / -		- / -		1 / 0.200			
FY 2016										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017										- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 1.200		- / -		- / -		6 / 1.200			
FY 2018										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 1.400		4 / 1.400			
Total										23 / 5.910		3 / 0.600		4 / 0.800		1 / 0.100		- / -		1 / 0.100		1 / 0.200		- / -		6 / 1.200		- / -		4 / 1.400		42 / 10.210	
Installation Schedule																																	
		APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4							
In	23	-	1	1	1	-	1	2	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	2	2	2	-	-	-	-	4	42	
Out	23	-	1	1	1	-	1	2	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	2	2	2	-	-	-	-	4	42	
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0																																	
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0										Method of Implementation: Depot Contractor										Installation Name: CNS/ATM C-37													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
All Prior Years										13 / 4.448		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		13 / 4.448			

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy																			Date: April 2013												
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series											Modification Nomenclature (Modification Number - Modification Title): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0									
Models of Systems Affected: CARGO TRANSPORT AC SERIES											Type Modification: SAFETY/RELIABILITY											Related RDT&E PEs:									
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0											Method of Implementation: Depot Contractor											Installation Name: CNS/ATM C-37									
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
FY 2012		- / -		3 / 0.750		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.750							
FY 2013		- / -		- / -		1 / 0.250		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.250							
FY 2014		- / -		- / -		- / -		4 / 0.780		- / -		4 / 0.780		- / -		- / -		- / -		- / -		- / -		4 / 0.780							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.300		- / -		- / -		- / -		- / -		2 / 0.300							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.600		- / -		- / -		- / -		2 / 0.600							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.600		- / -		- / -		2 / 0.600							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.800		- / -		2 / 0.800							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.800		2 / 0.800							
Total		13 / 4.448		3 / 0.750		1 / 0.250		4 / 0.780		- / -		4 / 0.780		2 / 0.300		2 / 0.600		2 / 0.600		2 / 0.800		2 / 0.800		31 / 9.328							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	13	-	1	1	1	-	1	-	-	-	2	2	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	2	31
Out	13	-	1	1	1	-	1	-	-	-	2	2	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	2	31
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0											Method of Implementation: Depot Contractor											Installation Name: CNS/ATM UC-35									
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		17 / 5.548		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		17 / 5.548							
FY 2012		- / -		2 / 0.750		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.750							

UNCLASSIFIED

LI 0562 - Cargo/Transport Acft Series
Navy

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0			

Models of Systems Affected: CARGO TRANSPORT AC SERIES				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:			

Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0			Method of Implementation: Depot Contractor					Installation Name: CNS/ATM C-26					
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
	FY 2014	- / -	- / -	- / -	3 / 0.600	- / -	3 / 0.600	- / -	- / -	- / -	- / -	3 / 0.600	
	FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.600	- / -	- / -	- / -	3 / 0.600	
	FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
	FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
	FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
	To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.260	7 / 1.260
	Total	19 / 4.493	5 / 0.750	1 / 0.200	3 / 0.600	- / -	3 / 0.600	3 / 0.600	- / -	- / -	- / -	7 / 1.260	38 / 7.903

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	19	-	2	2	1	-	1	-	-	-	1	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	7	38
Out	19	-	2	2	1	-	1	-	-	-	1	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	7	38

Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0			Method of Implementation: Depot Contractor					Installation Name: CNS/ATM C-40A/C-9				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	20 / 1.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.350
FY 2012	- / -	9 / 0.405	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.405
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	2 / 0.300	- / -	2 / 0.300	- / -	- / -	- / -	- / -	- / -	2 / 0.300

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series										Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0											
Models of Systems Affected: CARGO TRANSPORT AC SERIES										Type Modification: SAFETY/RELIABILITY										Related RDT&E PEs:											
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0										Method of Implementation: Depot Contractor										Installation Name: CNS/ATM C-40A/C-9											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		7 / 1.050		- / -		- / -		- / -		- / -		- / -		7 / 1.050					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 1.350		- / -		- / -		- / -		- / -		9 / 1.350					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.450		- / -		- / -		- / -		3 / 0.450					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.800		- / -		- / -		4 / 0.800					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		14 / 2.800		14 / 2.800		14 / 2.800					
Total		20 / 1.350		9 / 0.405		- / -		2 / 0.300		- / -		2 / 0.300		7 / 1.050		9 / 1.350		3 / 0.450		4 / 0.800		14 / 2.800		68 / 8.505							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	20	-	3	3	3	-	-	-	-	-	1	1	-	-	2	3	2	-	3	3	3	-	1	1	1	-	2	1	1	14	68
Out	20	-	3	3	3	-	-	-	-	-	1	1	-	-	2	3	2	-	3	3	3	-	1	1	1	-	2	1	1	14	68
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0																															
										Method of Implementation: Not Installed - Block 1										Installation Quantity: 65											
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0																															
										Method of Implementation: Not Installed - Block 2										Installation Quantity: 132											
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0																															
										Method of Implementation: Not Installed - Block 3										Installation Quantity: 110											

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0
Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) RESERVE FORCES (OSIP 0	Method of Implementation: Not Installed - HF Radio Upgrade C-20A	Installation Quantity: 1
Footnotes: (1) Note: Prior Year (FY2004) Qty of 16 8.33khz radios were installed concurrently with the 42 P-ILS systems. (2) The kit cost and installations are based on the mandates that are required each year for each aircraft. The kit cost is not based on the inflation factor. It is based on the complexity of the block upgrade requirements anticipated in the mandate which will be more complex and costly to install depending upon the aircraft configuration. (3) The kit cost and installations are based on the mandates that are required each year for each aircraft. The kit cost is not based on the inflation factor. It is based on the complexity of the block upgrade requirements anticipated in the mandate which will be more complex and costly to install depending upon the aircraft configuration. (4) The kit cost and installations are based on the mandates that are required each year for each aircraft. The kit cost is not based on the inflation factor. It is based on the complexity of the block upgrade requirements anticipated in the mandate which will be more complex and costly to install depending upon the aircraft configuration. (5) The kit cost and installations are based on the mandates that are required each year for each aircraft. The kit cost is not based on the inflation factor. It is based on the complexity of the block upgrade requirements anticipated in the mandate which will be more complex and costly to install depending upon the aircraft configuration. (6) Note: Prior Year (FY2006) 8 Kits were installed at the organizational level. No installation cost to be incurred. (7) The kit cost and installations are based on the mandates that are required each year for each aircraft. The kit cost is not based on the inflation factor. It is based on the complexity of the block upgrade requirements anticipated in the mandate which will be more complex and costly to install depending upon the aircraft configuration. (8) The installation equipment N/R cost are based on the mandates that are required each year for each aircraft. The installation equipment N/R cost is not based on the inflation factor. It is based on the complexity of the block upgrade requirements anticipated in the mandate which will be more complex and costly to install depending upon the aircraft configuration. (9) The training equipment cost are based on the mandates that are required each year for each aircraft. The training equipment cost is not based on the inflation factor. It is based on the complexity of the block upgrade requirements anticipated in the mandate which will be more complex and costly to install depending upon the aircraft configuration. (10) The support equipment cost are based on the mandates that are required each year for each aircraft. The support equipment cost is not based on the inflation factor. It is based on the complexity of the block upgrade requirements anticipated in the mandate which will be more complex and costly to install depending upon the aircraft configuration.		

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR				
Models of Systems Affected: C-9B/C-40A			Type Modification: SAFETY/RELIABILITY SAFETY/RELIABILITY SAFETY/RELIABILITY				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	2.700	0.090	-	-	-	-	-	-	-	-	-	2.790
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	2.700	0.090	-	-	-	-	-	-	-	-	-	2.790
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	2.700	0.090	-	-	-	-	-	-	-	-	-	2.790
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The 1996 Trans World Airlines Flight 800 accident resulted in an extensive review of aircraft by an Aerospace Industries Association/Air Transport Association safety team. Results of this review, in addition to other center wing tank explosions (1990 Philippine Airlines 737 and 2001 Thai Airlines 737) in which the ignition source could not be identified, precipitated new Federal Aviation Administration (FAA) requirements to preclude ignition sources in fuel tanks. Special Federal Aviation Regulations (SFAR) 88 is a FAA requirement to ensure ignition sources are not present in or near fuel tanks and fuel lines.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (Modification Number - Modification Title): 3 - FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR					
Models of Systems Affected: C-9B/C-40A				Type Modification: SAFETY/RELIABILITY SAFETY/ RELIABILITY SAFETY/RELIABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR													
A Kits													
Recurring													
1.1.1) SFAR 88 - NonOrganic	52 / 1.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 1.750	
Subtotal Recurring	52 / 1.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 1.750	
B Kits													
Recurring													
2.1.1) SFAR 88 - Organic	28 / 0.950	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.950	
Subtotal Recurring	28 / 0.950	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.950	
Total, FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR	80 / 2.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	80 / 2.700	
Total Procurement, All Modifications	80 / 2.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	80 / 2.700	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	2.700	-	-	-	-	-	-	-	-	-	-	2.700	
FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR Installation Cost	- / 0.000	- / 0.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.090	

UNCLASSIFIED

LI 0562 - Cargo/Transport Acft Series
Navy

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR											
Models of Systems Affected: C-9B/C-40A										Type Modification: SAFETY/RELIABILITY SAFETY/ RELIABILITY SAFETY/RELIABILITY										Related RDT&E PEs:											
Manufacturer Information: FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR																															
Manufacturer Name: L-3													Manufacturer Location: Wichita, Kansas																		
Administrative Leadtime (<i>in Months</i>): 3													Production Leadtime (<i>in Months</i>): 1																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR										Method of Implementation: Depot Contractor										Installation Name: SFAR 88											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)										
All Prior Years		46 / 0.000	6 / 0.090		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		52 / 0.090								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		46 / 0.000	6 / 0.090		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		52 / 0.090								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	46	-	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
Out	46	-	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR
Models of Systems Affected: C-9B/C-40A	Type Modification: SAFETY/RELIABILITY SAFETY/ RELIABILITY SAFETY/RELIABILITY	Related RDT&E PEs:
Installation: FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 - RESERVE FOR	Method of Implementation: Not Installed - SFAR 88	Installation Quantity: 28

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)			

Models of Systems Affected: C-20G			Type Modification: SAFETY/RELIABILITY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	6.000	10.000	-	-	-	-	-	-	-	-	16.000
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	6.000	10.000	-	-	-	-	-	-	-	-	16.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	6.000	10.000	-	-	-	-	-	-	-	-	16.000
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Southwest Asia Marine Expeditionary Force Commanders lack longer range lift assets capable of operating in threat Surface To Air Missile (SAM) environments of Southwest Asia (i.e. Iraq, Afghanistan). As a consequence, limited high value medium lift logistic assets (KC-130s) capable of operating in threat SAM environments, are being tasked to perform transport of personnel and material movement requirements. To fill this C-20 requirement, the Marine C-20G is being modified with an Aircraft Survivability Equipment (ASE) system to provide relief to tactical assets that are better utilized in direct support to the warfighter. The intent is to procure an Infrared Countermeasure ASE commercial off the shelf system which is similar to systems already flying on Army and United States Air Force C-37 and C-20 aircraft. ASE system installation for the C-20G will expand aircraft mission capability and better protect and support the Marine Air Ground Task Force command element as it conducts Expeditionary Operations when deployed in support of Operation Enduring Freedom.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series					Modification Nomenclature (Modification Number - Modification Title): 4 - C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)			
Models of Systems Affected: C-20G				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)												
A Kits												
Recurring												
1.1.1) C-20G ASE (OCO) - NonOrganic	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000
1.1.2) C-20G ASE - NonOrganic	- / -	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000
Subtotal Recurring	- / -	1 / 1.000	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.000
Non-Recurring												
1.2.1) Installation Kits N/R (OCO) - Organic	- / -	- / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.000
1.2.2) Installation Kits N/R - Organic	- / -	- / -	- / 7.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.000
Subtotal Non-Recurring	- / -	- / 3.000	- / 7.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.000
B Kits												
Recurring												
2.1.1) C-20G ASE (OCO) - Organic	- / -	1 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.500
2.1.2) C-20G ASE - Organic	- / -	- / -	1 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.500
Subtotal Recurring	- / -	1 / 0.500	1 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.000
Total, C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)	- / -	2 / 4.500	2 / 8.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 13.000
Total Procurement, All Modifications	- / -	2 / 4.500	2 / 8.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 13.000
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support (OCO)	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500
3.7) Other Support	- / -	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	0.500	0.500	-	-	-	-	-	-	-	-	1.000

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)			
Models of Systems Affected: C-20G				Type Modification: SAFETY/RELIABILITY						Related RDT&E PEs:			
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<i>Total Procurement and Support</i>	0.000	5.000	9.000	-	-	-	-	-	-	-	-	14.000	
C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12) Installation Cost	- / 0.000	- / 1.000	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	
<i>Total Installation Cost</i>	- / 0.000	- / 1.000	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	
Total Cost (Procurement + Support + Installation)	0.000	6.000	10.000	-	-	-	-	-	-	-	-	16.000	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)																							
Models of Systems Affected: C-20G				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:																							
Manufacturer Information: C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)																															
Manufacturer Name: Gulfstream								Manufacturer Location: Savannah, GA																							
Administrative Leadtime (<i>in Months</i>): 11								Production Leadtime (<i>in Months</i>): 1																							
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates	Aug 2012	Aug 2013																													
Delivery Dates	Sep 2012	Sep 2013																													
Installation: C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)				Method of Implementation: Contractor Depot				Installation Name: C-20G ASE A Kits																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2012	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000																		
FY 2013	- / -	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000																		
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total	- / -	1 / 1.000	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.000																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Installation: C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)				Method of Implementation: Not Installed - C-20G ASE (OCO)				Installation Quantity: 1																							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (Modification Number - Modification Title): 4 - C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)
Models of Systems Affected: C-20G	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
Installation: C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES(OSIP 023-12)	Method of Implementation: Not Installed - C-20G ASE	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12)			

Models of Systems Affected: UC-35D				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	3.900	-	-	-	-	-	-	-	-	-	3.900
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	3.900	-	-	-	-	-	-	-	-	-	3.900
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	3.900	-	-	-	-	-	-	-	-	-	3.900
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Southwest Asia Marine Expeditionary Force Commanders lack light Operational Support Aircraft (OSA) lift assets capable of operating in threat Surface To Air Missile (SAM) environments of Southwest Asia (i.e. Iraq, Afghanistan). As a consequence, limited high value medium lift logistic assets (KC-130s) capable of operating in threat SAM environments, are being tasked to perform light OSA personnel and material movement requirements. To fill this OSA requirement, the UC-35D is being modified with an Aircraft Survivability Equipment (ASE) system to provide relief to tactical assets that are better utilized in direct support to the warfighter. The ASE system consists of an AN/AAR-57 Missile Warning Receiver system with four missile electronic sensors and an AN/ALE-47 Countermeasure Dispensers System with two dispensers. This requirement was validated in the Marine Requirement Oversight Council Decision Memorandum UC-35D ASE Urgent Universal Needs Statement 05081UA (7-22-2005) and endorsed by Headquarters Marine Corp Deputy Commander for Aviation in letter Aviation Plans and Programs letter-34/3900, dated Jul 3, 2007. Three of seven Marine UC-35D aircraft have already been modified with an ASE system. This Operational, Safety and Improvement Program upgrades the remaining UC-35D aircraft with the same ASE A-Kit configuration.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12)				

Models of Systems Affected: UC-35D				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12)												
A Kits												
Recurring												
1.1.1) UC-35D ASE (OCO) - NonOrganic	- / -	4 / 1.420	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.420
Subtotal Recurring	- / -	4 / 1.420	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.420
Total, UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12)	- / -	4 / 1.420	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.420
Total Procurement, All Modifications	- / -	4 / 1.420	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.420
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-
Total Procurement and Support	0.000	1.420	-	-	-	-	-	-	-	-	-	1.420
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12) Installation Cost	- / 0.000	- / 2.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.480
Total Installation Cost	- / 0.000	- / 2.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.480
Total Cost (Procurement + Support + Installation)	0.000	3.900	-	-	-	-	-	-	-	-	-	3.900

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12)															
Models of Systems Affected: UC-35D				Type Modification: SAFETY/RELIABILITY								Related RDT&E PEs:																			
Manufacturer Information: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12)																															
Manufacturer Name: TBD												Manufacturer Location: TBD																			
Administrative Leadtime (<i>in Months</i>): 10												Production Leadtime (<i>in Months</i>): 1																			
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Jul 2012																													
Delivery Dates		Aug 2012																													
Installation: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) RESERVE FORCES (OSIP 024-12)												Method of Implementation: Contractor Depot								Installation Name: UC-35D ASE (OCO)											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	4 / 2.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.480																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	4 / 2.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.480																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
Out	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)			

Models of Systems Affected: UC-12W				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	8.380	-	0.300	-	0.300	-	-	-	-	-	8.680
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	8.380	-	0.300	-	0.300	-	-	-	-	-	8.680
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	8.380	-	0.300	-	0.300	-	-	-	-	-	8.680
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Southwest Asia Marine Expeditionary Force (MEF) Commanders lack light Operational Support Aircraft (OSA) lift assets capable of operating in threat Surface To Air Missile (SAM) environments of Southwest Asia (i.e. Iraq, Afghanistan). As a consequence, limited high value medium lift logistic assets (KC-130s) capable of operating in threat SAM environments, are being tasked to perform light OSA personnel and material movement requirements. To fill this OSA requirement, the UC-12W is being modified in order to provide relief to tactical assets that are better utilized in direct support to the warfighter. A Naval Air Systems Command Program Management Aviation Office 272 study determined the current Aircraft Survivability Equipment (ASE) system on the UC-12W is less effective against the advance Infrared missile threats now being deployed. Additionally, the limited range of the UC-12W limits the ability of the aircraft to fully support mission requirements of the MEF commander. This Operational, Safety and Improvement Program upgrades UC-12W aircraft with an additional ALE-47 Forward Firing Dispenser and Extended Range (ER) Tanks. The additional ALE-47 dispenser will increase the effectiveness of the ASE system against the advanced threats being deployed, allowing the UC-12W to safely support Operation Iraqi Freedom operations in more areas currently requiring the use of high value tactical assets. The addition of the ER Tanks increases the effective range of the UC-12W by 33% to 2,300 nm greatly increasing its ability to support OSA missions over a larger area than currently planned.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (Modification Number - Modification Title): 6 - UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)					
Models of Systems Affected: UC-12W				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)													
A Kits													
Recurring													
1.1.1) ALE-47 Dispensers (OCO) - NonOrganic	- / -	6 / 1.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.150	
1.1.2) Extended Range Tanks (OCO) - NonOrganic	- / -	3 / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.000	
Subtotal Recurring	- / -	9 / 4.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 4.150	
Non-Recurring													
1.2.1) Installation Kits N/R (OCO) - Organic	- / -	- / 1.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.350	
Subtotal Non-Recurring	- / -	- / 1.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.350	
B Kits													
Recurring													
2.1.1) ALE-47 Dispensers (OCO) - Organic	- / -	6 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.500	
Subtotal Recurring	- / -	6 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.500	
Total, UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)	- / -	15 / 6.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 6.000	
Total Procurement, All Modifications	- / -	15 / 6.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 6.000	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support (OCO)	- / -	- / 2.230	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.230	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	2.230	-	-	-	-	-	-	-	-	-	2.230	
Total Procurement and Support	0.000	8.230	-	-	-	-	-	-	-	-	-	8.230	
UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12) Installation Cost	- / 0.000	- / 0.150	- / -	- / 0.300	- / -	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / 0.450	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)				

Models of Systems Affected: UC-12W				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<i>Total Installation Cost</i>	- / 0.000	- / 0.150	- / -	- / 0.300	- / -	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / 0.450
Total Cost (Procurement + Support + Installation)	0.000	8.380	-	0.300	-	0.300	-	-	-	-	-	8.680

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)															
Models of Systems Affected: UC-12W				Type Modification: SAFETY/RELIABILITY								Related RDT&E PEs:																			
Manufacturer Information: UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)																															
Manufacturer Name: L-3 Vertex														Manufacturer Location: Madison, Mississippi																	
Administrative Leadtime (<i>in Months</i>): 10														Production Leadtime (<i>in Months</i>): 18																	
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates		Jul 2012																													
Delivery Dates		Jan 2014																													
Installation: UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)														Method of Implementation: Contractor Depot								Installation Name: UC-12W A Kits									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	3 / 0.150	- / -	6 / 0.300	- / -	6 / 0.300	- / -	- / -	- / -	- / -	- / -	9 / 0.450																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	3 / 0.150	- / -	6 / 0.300	- / -	6 / 0.300	- / -	- / -	- / -	- / -	- / -	9 / 0.450																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	1	1	1	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9		
Out	-	-	1	1	1	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9		
Installation: UC-12W CAPABILITY IMPROVEMENTS RESERVE FORCES (OSIP 025-12)														Method of Implementation: Not Installed - ALE-47 Dispensers (OCO)										Installation Quantity: 6							

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - RESERVE FORCES Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	54.748	-	-	-	-	-	-	-	-	-	-	54.748
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	54.748	-	-	-	-	-	-	-	-	-	-	54.748
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	54.748	-	-	-	-	-	-	-	-	-	-	54.748
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - RESERVE FORCES Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
N/A													
Total, N/A	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Support													
3.1) Inactive OSIPs	- / 54.748	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 54.748	
Total Support, All Modifications	54.748	-	-	-	-	-	-	-	-	-	-	54.748	
Total Procurement and Support	54.748	-	-	-	-	-	-	-	-	-	-	54.748	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	54.748	-	-	-	-	-	-	-	-	-	-	54.748	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series			Modification Nomenclature (Modification Number - Modification Title): 7 - RESERVE FORCES Inactive OSIPs	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: N/A							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: N/A		Method of Implementation: Support Only Installation			Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0564 - E-6 Series			

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0101402N			

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	481.699	152.211	158.332	189.312	-	189.312	214.450	198.952	202.520	206.129	368.857	2,172.462
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	481.699	152.211	158.332	189.312	-	189.312	214.450	198.952	202.520	206.129	368.857	2,172.462
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	481.699	152.211	158.332	189.312	-	189.312	214.450	198.952	202.520	206.129	368.857	2,172.462

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to the E-6 Mercury aircraft to improve mission capability and readiness. All sixteen (16) aircraft in the E-6 fleet will receive each modification. The E-6 is a manned airborne communications platform designed to provide a survivable, endurable, and reliable airborne Command and Control Communications capability in support of the President, Secretary of Defense and United States strategic and non-strategic forces. Mission Support [Operational, Safety and Improvement Program (OSIP) 007-02] enables production prototype aircraft support. Safety Deficiencies (OSIP 008-02) corrects high risk aircraft safety hazards to protect personnel and equipment enabling mission readiness. Tech Insertion (OSIP 003-04) corrects aircraft obsolescence, supportability, weight management and interoperability deficiencies through new technology insertion enabling mission readiness. Communications Upgrade (OSIP 012-07) installs expanded aircraft communication bandwidth capability required to improve airborne command post operations. Service Life Extension Program (OSIP 003-07) extends the service life of the aircraft to 2040+ through airframe strengthening and structural data recording and analysis. Block I (OSIP 008-10) corrects airborne command post operational test deficiencies to improve mission capability and readiness. Multi-Role Tactical Common Data Link (OSIP 013-10) installs expanded aircraft communication bandwidth capability required to interoperate with United States Strategic Command's distributed National Command and Control Architecture. Auxiliary Power Unit (APU) (OSIP 002-12) corrects airborne command post operational test deficiencies by installing an improved APU to meet increased aircraft power requirements. Family of Advanced Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/PNVC) (OSIP 014-14) replaces obsolete Military Strategic Tactical Relay terminals with improved FAB-T, and installs PNVC to provide specialized secure voice capability over the strategic Advanced Extremely High Frequency satellite communications system.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Mission Support (OSIP 007-02)	P3A				13.282			1.019			-			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0564 - E-6 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0101402N									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
2 - Safety Deficiencies (OSIP 008-02)	P3A			68.649			2.854			3.539			3.345			-				3.345	
3 - Tech Insertion (OSIP 003-04)	P3A			74.895			26.870			25.863			14.211			-				14.211	
4 - Service Life Extension Program (SLEP) (OSIP 003-07)	P3A			44.892			14.514			16.533			22.087			-				22.087	
5 - Communications Upgrade (OSIP 012-07)	P3A			149.482			18.921			13.046			19.244			-				19.244	
6 - Block I (OSIP 008-10)	P3A			122.405			74.362			55.892			80.835			-				80.835	
7 - Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)	P3A			8.094			13.671			33.252			30.174			-				30.174	
8 - Auxiliary Power Unit (APU) (OSIP 002-12)	P3A			0.000			-			10.207			13.322			-				13.322	
9 - Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/ PNV	P3A			0.000			-			-			6.094			-				6.094	
Total Gross/Weapon System Cost				481.699			152.211			158.332			189.312			-				189.312	
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - Mission Support (OSIP 007-02)	P3A			-			-			-			-			-				14.301	
2 - Safety Deficiencies (OSIP 008-02)	P3A			2.970			2.587			3.557			3.325			6.700				97.526	
3 - Tech Insertion (OSIP 003-04)	P3A			19.237			6.101			8.629			51.146			250.687				477.639	
4 - Service Life Extension Program (SLEP) (OSIP 003-07)	P3A			15.663			21.343			9.101			7.774			36.764				188.671	
5 - Communications Upgrade (OSIP 012-07)	P3A			17.546			17.980			18.591			12.792			-				267.602	
6 - Block I (OSIP 008-10)	P3A			60.701			56.587			52.888			30.206			-				533.876	
7 - Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)	P3A			52.210			50.106			55.668			20.612			5.046				268.833	

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0564 - E-6 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0101402N									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
8 - Auxiliary Power Unit (APU) (OSIP 002-12)	P3A				18.878			17.890			33.124			42.630			14.540			150.591	
9 - Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/ PNV	P3A				27.245			26.358			20.962			37.644			55.120			173.423	
Total Gross/Weapon System Cost					214.450			198.952			202.520			206.129			368.857			2,172.462	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					

Justification:

The Family of Advanced Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNVC) modification is moved from the Multi-Role Tactical Common Data Link OSIP 013-10 (formerly Block II) to a new OSIP 014-14(FAB-T/PNVC) which starts in FY14.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Mission Support (OSIP 007-02)				
Models of Systems Affected: E-6 SERIES E-6 Series			Type Modification: E-6 Mission Support OSIP (007-02)				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	13.282	1.019	-	-	-	-	-	-	-	-	-	14.301
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	13.282	1.019	-	-	-	-	-	-	-	-	-	14.301
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	13.282	1.019	-	-	-	-	-	-	-	-	-	14.301
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: The Mission Support program addresses Aircraft Systems supportability, obsolescence and system update issues. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Other support in FY12 was predominantly aircraft support. Note: The GPS effort was moved from Mission Support OSIP 007-02 to the Tech Insertion OSIP 003-04.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Mission Support (OSIP 007-02)				

Models of Systems Affected: E-6 SERIES E-6 Series			Type Modification: E-6 Mission Support OSIP (007-02)				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
N/A												
Total, N/A	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.003	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.003
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	27 / 11.943	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 11.943
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / 1.336	- / 1.019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.355
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	13.282	1.019	-	-	-	-	-	-	-	-	-	14.301
Total Procurement and Support	13.282	1.019	-	-	-	-	-	-	-	-	-	14.301
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	13.282	1.019	-	-	-	-	-	-	-	-	-	14.301

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0564 - E-6 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Mission Support (OSIP 007-02)	
Models of Systems Affected: E-6 SERIES E-6 Series			Type Modification: E-6 Mission Support OSIP (007-02)			Related RDT&E PEs:	
Manufacturer Information: N/A							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: N/A							
Method of Implementation: Support Only Installation			Installation Quantity: 0				

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - Safety Deficiencies (OSIP 008-02)				
Models of Systems Affected: E-6 Series			Type Modification: Capability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	68.649	2.854	3.539	3.345	-	3.345	2.970	2.587	3.557	3.325	6.700	97.526
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	68.649	2.854	3.539	3.345	-	3.345	2.970	2.587	3.557	3.325	6.700	97.526
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	68.649	2.854	3.539	3.345	-	3.345	2.970	2.587	3.557	3.325	6.700	97.526
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: Safety Deficiencies corrects high risk aircraft safety hazards to protect personnel and equipment enabling mission readiness. Federal agency directives, aging aircraft material condition, and the operational environment generate safety hazards for correction. Modifications include, but not limited to: Fuel Quantity Indicating System (FQIS) installation; Aircraft Acoustic Thermal Blankets replacement; Kapton wiring replacement; Crash Survivable Flight Incident Recorder System (CSFIR) Phase 1 ground software; and other safety deficiencies that require correction. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FQIS non-recurring engineering completed in FY10 with production kit buys and installations in FY11 - FY17 (16 A/C); Acoustic Thermal Blanket Phase 2, 1 install kit complete in FY12; 4 kit buys in FY13 and FY14 with installation in FY13 through FY15 (5 A/C); Aircraft Kapton Wire kit buys and installs in FY13 to beyond Future Year's Defense Plan (FYDP) (16 A/C).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - Safety Deficiencies (OSIP 008-02)				
Models of Systems Affected: E-6 Series				Type Modification: Capability				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Safety Deficiencies (OSIP 008-02)												
A Kits												
Recurring												
1.1.1) KAPTON 1A Kit - NonOrganic ⁽¹⁾	- / -	- / -	2 / 0.133	2 / 0.137	- / -	2 / 0.137	2 / 0.141	2 / 0.146	2 / 0.150	2 / 0.155	4 / 0.241	16 / 1.103
1.1.2) FQIS Kit - NonOrganic ⁽²⁾	1 / 0.045	1 / 0.046	1 / 0.047	4 / 0.194	- / -	4 / 0.194	4 / 0.200	3 / 0.138	2 / 0.097	- / -	- / -	16 / 0.767
1.1.3) Archived ECPs - Organic	112 / 6.422	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	112 / 6.422
1.1.4) PY Installs - Organic	- / 11.233	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.233
Subtotal Recurring	113 / 17.700	1 / 0.046	3 / 0.180	6 / 0.331	- / -	6 / 0.331	6 / 0.341	5 / 0.284	4 / 0.247	2 / 0.155	4 / 0.241	144 / 19.525
Non-Recurring												
1.2.1) Installation Kits N/R - NonOrganic	- / 22.924	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 22.924
Subtotal Non-Recurring	- / 22.924	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 22.924
B Kits												
Recurring												
2.1.1) Blankets Phase 2 Equipment - NonOrganic ⁽³⁾	1 / 0.078	- / -	2 / 0.156	2 / 0.161	- / -	2 / 0.161	- / -	- / -	- / -	- / -	- / -	5 / 0.395
2.1.2) Archived ECPs - Organic	181 / 5.665	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	181 / 5.665
2.1.3) PY Installs - Organic	- / 0.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.195
Subtotal Recurring	182 / 5.938	- / -	2 / 0.156	2 / 0.161	- / -	2 / 0.161	- / -	- / -	- / -	- / -	- / -	186 / 6.255
Non-Recurring												
2.2.1) Installation Equipment N/R - NonOrganic	- / 3.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.122
Subtotal Non-Recurring	- / 3.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.122
Total, Safety Deficiencies (OSIP 008-02)	295 / 49.684	1 / 0.046	5 / 0.336	8 / 0.492	- / -	8 / 0.492	6 / 0.341	5 / 0.284	4 / 0.247	2 / 0.155	4 / 0.241	330 / 51.826
Total Procurement, All Modifications	295 / 49.684	1 / 0.046	5 / 0.336	8 / 0.492	- / -	8 / 0.492	6 / 0.341	5 / 0.284	4 / 0.247	2 / 0.155	4 / 0.241	330 / 51.826
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.699	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.699
3.3) Training Equipment	8 / 3.645	- / 0.541	4 / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 4.286
3.4) Support Equipment	- / 0.045	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.045
3.5) ILS	- / 0.466	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.466
3.6) Other Support ⁽⁴⁾	- / 12.519	- / 2.104	- / 2.258	- / 1.341	- / -	- / 1.341	- / 1.324	- / 1.308	- / 2.421	- / 2.552	- / 5.494	- / 31.321
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - Safety Deficiencies (OSIP 008-02)				
Models of Systems Affected: E-6 Series			Type Modification: Capability					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Support, All Modifications	17.374	2.645	2.358	1.341	-	1.341	1.324	1.308	2.421	2.552	5.494	36.817
Total Procurement and Support	67.058	2.691	2.694	1.833	-	1.833	1.665	1.592	2.668	2.707	5.735	88.643
Safety Deficiencies (OSIP 008-02) Installation Cost	- / 1.591	- / 0.163	- / 0.845	- / 1.512	- / -	- / 1.512	- / 1.305	- / 0.995	- / 0.889	- / 0.618	- / 0.965	- / 8.883
Total Installation Cost	- / 1.591	- / 0.163	- / 0.845	- / 1.512	- / -	- / 1.512	- / 1.305	- / 0.995	- / 0.889	- / 0.618	- / 0.965	- / 8.883
Total Cost (Procurement + Support + Installation)	68.649	2.854	3.539	3.345	-	3.345	2.970	2.587	3.557	3.325	6.700	97.526

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Safety Deficiencies (OSIP 008-02)												
Models of Systems Affected: E-6 Series										Type Modification: Capability										Related RDT&E PEs:												
Manufacturer Information: Safety Deficiencies (OSIP 008-02)																																
Manufacturer Name: Various															Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 0															Production Leadtime (<i>in Months</i>): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
Contract Dates																																
Delivery Dates																																
Installation: Safety Deficiencies (OSIP 008-02)										Method of Implementation: [none specified]										Installation Name: KAPTON 1A Kit												
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -		- / -		2 / 0.534		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.534						
FY 2014		- / -		- / -		- / -		2 / 0.550		- / -		2 / 0.550		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.550						
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.566		- / -		- / -		- / -		- / -		- / -		2 / 0.566						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.582		- / -		- / -		- / -		- / -		2 / 0.582						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.600		- / -		- / -		- / -		2 / 0.600						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.618		- / -		- / -		2 / 0.618						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.965		4 / 0.965		4 / 0.965						
Total		- / -		- / -		2 / 0.534		2 / 0.550		- / -		2 / 0.550		2 / 0.566		2 / 0.582		2 / 0.600		2 / 0.618		4 / 0.965		16 / 4.415		16 / 4.415						
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	2	-	-	-	1	1	-	-	-	2	-	-	1	1	-	-	1	1	-	-	1	1	4	16
Out	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	-	-	1	1	-	-	1	1	-	-	1	1	-	6	16	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Safety Deficiencies (OSIP 008-02)				
Models of Systems Affected: E-6 Series				Type Modification: Capability				Related RDT&E PEs:				

Installation: Safety Deficiencies (OSIP 008-02)				Method of Implementation: Drive In				Installation Name: FQIS Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	1 / 0.106	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.106
FY 2012	- / -	1 / 0.103	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.103
FY 2013	- / -	- / -	1 / 0.177	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.177
FY 2014	- / -	- / -	- / -	4 / 0.729	- / -	4 / 0.729	- / -	- / -	- / -	- / -	- / -	4 / 0.729
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.601	- / -	- / -	- / -	- / -	4 / 0.601
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.413	- / -	- / -	- / -	3 / 0.413
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.289	- / -	- / -	2 / 0.289
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.106	1 / 0.103	1 / 0.177	4 / 0.729	- / -	4 / 0.729	4 / 0.601	3 / 0.413	2 / 0.289	- / -	- / -	16 / 2.418

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	-	-	-	1	-	-	1	-	-	-	1	3	-	-	1	3	-	-	1	2	-	-	-	2	-	-	-	-	-	16
Out	-	1	-	-	1	-	-	-	1	-	-	-	3	1	-	-	3	1	-	-	2	1	-	-	2	-	-	-	-	-	16

Installation: Safety Deficiencies (OSIP 008-02)				Method of Implementation: Drive In				Installation Name: Blankets Phase 2 Equipment				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	1 / 0.060	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.060
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	1 / 0.084	1 / 0.116	- / -	1 / 0.116	- / -	- / -	- / -	- / -	- / -	2 / 0.200
FY 2014	- / -	- / -	- / -	1 / 0.117	- / -	1 / 0.117	1 / 0.138	- / -	- / -	- / -	- / -	2 / 0.255
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0564 - E-6 Series											Modification Nomenclature (Modification Number - Modification Title): 2 - Safety Deficiencies (OSIP 008-02)												
Models of Systems Affected: E-6 Series											Type Modification: Capability											Related RDT&E PEs:												
Installation: Safety Deficiencies (OSIP 008-02)											Method of Implementation: Drive In											Installation Name: Blankets Phase 2 Equipment												
Installation Cost											Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
											Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Total											- / -		1 / 0.060		1 / 0.084		2 / 0.233		- / -		2 / 0.233		1 / 0.138		- / -		- / -		- / -		5 / 0.515			
Installation Schedule																																		
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	-	1	-	-	-	1	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Out	-	-	-	1	-	-	-	-	1	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Installation: Safety Deficiencies (OSIP 008-02)																																		
Installation: Safety Deficiencies (OSIP 008-02)											Method of Implementation: Drive In											Installation Name: Training Equipment												
Installation Cost											Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
											Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
All Prior Years											8 / 1.485		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 1.485			
FY 2012											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013											- / -		- / -		4 / 0.050		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.050			
FY 2014											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total											8 / 1.485		- / -		4 / 0.050		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 1.535	
Installation Schedule																																		
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	8	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Out	8	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Installation: Safety Deficiencies (OSIP 008-02)											Method of Implementation: Organic - Archived ECPs											Installation Quantity: 112												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Safety Deficiencies (OSIP 008-02)
Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - Archived ECPs	Installation Quantity: 181
Footnotes: (1) Increase in cost growth in FY13 - FY18 is due to the Kapton 1A Kit's small unit cost, in which even a small increase will be more than the OSD inflation rate allows. (2) Increase in cost growth in FY13, FY14, FY15, and FY17 is due to the FQIS program's small unit cost, in which even a small increase will be more than the OSD inflation rate allows. (3) Increase in cost growth in FY14 is due to the Blanket Phase 2 Equipment's small unit cost, in which even a small increase will be more than the OSD inflation rate allows. (4) Increase in Other Support cost growth in FY13 is due to Blankets Phase 2 Equipment effort beginning in FY13. Increase in Other Support cost growth in FY17 and FY18 is for continued support for emergent aircraft safety hazards to enable mission readiness.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - Tech Insertion (OSIP 003-04)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	74.895	26.870	25.863	14.211	-	14.211	19.237	6.101	8.629	51.146	250.687	477.639
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	74.895	26.870	25.863	14.211	-	14.211	19.237	6.101	8.629	51.146	250.687	477.639
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	74.895	26.870	25.863	14.211	-	14.211	19.237	6.101	8.629	51.146	250.687	477.639
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: Tech Insertion corrects aircraft obsolescence, supportability, weight management and interoperability deficiencies through new technology insertion enabling mission readiness. Unsupportable computing technology, communication systems, interoperability gaps, and the need to maintain aircraft range and endurance through weight reduction generates mission critical modification requirements. Modifications include: KG-3X; CRYPTO Modernization; Brakes; Seats; Glare Shield; High Power Transmit Set (HPTS); HPTS Camera; Global Positioning System (GPS); High Frequency Automatic Link Establishment (HF ALE); Keyers; Compact Very Low Frequency (CVLF) receiver; Communication Navigation and Surveillance Air Traffic Management (CNS/ATM); Missions Operation Monitor (MOM). DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: KG3X installs completed in FY12. CRYPTO Modernization NRE started in FY11; production kit buys in FY12 - FY13 with installs in FY13 - FY14 (16 A/C). Brakes non-recurring engineering (NRE) install bought; to be installed in FY13; production install kit buys in FY13-15 with installs in FY13-FY15 (16 A/C). Seats NRE install kit buy in FY13 with installation in FY14; production install kit buys and installation in FY14 and FY15 (16 A/C). Glare Shield NRE kit buys in FY14 with kit buys and installation in FY14-FY16. HPTS Camera NRE FY14-FY17; production kit buys in FY15-FY16; Installs in FY15-FY16; GPS kit buys and installations in FY15 (16 A/C). HPTS NRE FY16 with NRE kit buy FY17 and installation FY18; production kit buys FY18 and beyond the Future Years Defense Plan (FYDP) and installs beyond the FYDP (16 A/C). HF ALE system NRE and NRE kit buy in FY17 with installation in FY18; production kit buys in FY18 to beyond the FYDP with installs beyond the FYDP (16 A/C). Keyers NRE and NRE kit buy in FY18 with installation in FY18; production kit buys in FY18 to beyond the FYDP with installation in FY18 to beyond the FYDP (16 A/C). CVLF NRE FY18 and beyond the FYDP with NRE kit buy and installation in FY18; production kit buys FY18 to beyond the FYDP with installs beyond the FYDP (16 A/C). CNS/ATM NRE FY18 with kit buys and installations beyond the FYDP (16/AC). MOM NRE FY18 with kit buys and installations beyond the FYDP (16A/C). Note: The GPS effort was moved from Mission Support OSIP 007-02 to the Tech Insertion OSIP 003-04.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - Tech Insertion (OSIP 003-04)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Tech Insertion (OSIP 003-04)												
A Kits												
Recurring												
1.1.1) ARC 210 Radio/Crypto - NonOrganic	- / -	10 / 1.322	6 / 0.793	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 2.115
1.1.2) Keyers - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.333	7 / 0.259	16 / 0.592
1.1.3) HPTS - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.384	5 / 1.920	10 / 3.840	16 / 6.144
1.1.4) CNS/ATM - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 8.000	16 / 8.000
1.1.5) Seats - NonOrganic	- / -	- / -	- / -	6 / 2.100	- / -	6 / 2.100	10 / 3.500	- / -	- / -	- / -	- / -	16 / 5.600
1.1.6) CVLR - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.216	13 / 0.936	16 / 1.152
1.1.7) MOM - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 19.200	16 / 19.200
1.1.8) GPS - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.495	- / -	- / -	- / -	- / -	16 / 0.495
1.1.9) HF ALE - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.062	6 / 0.372	9 / 0.558	16 / 0.992
1.1.10) Carbon Brakes - NonOrganic	1 / 0.433	8 / 3.464	3 / 1.299	4 / 1.732	- / -	4 / 1.732	- / -	- / -	- / -	- / -	- / -	16 / 6.928
1.1.11) KG-3X Kit - NonOrganic	16 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / -
1.1.12) Glareshield - NonOrganic	- / -	- / -	- / -	7 / 0.021	- / -	7 / 0.021	6 / 0.018	3 / 0.009	- / -	- / -	- / -	16 / 0.048
1.1.13) HPTS Camera - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.048	8 / 0.058	- / -	- / -	- / -	16 / 0.106
1.1.14) Lab - NonOrganic	2 / 0.017	- / -	- / -	- / -	- / -	- / -	1 / 0.031	- / -	1 / 0.062	1 / 0.037	- / -	5 / 0.147
1.1.15) Archived ECPs - Organic	97 / 1.256	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	97 / 1.256
1.1.16) PY Installs - Organic	- / 2.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.650
Subtotal Recurring	116 / 4.356	18 / 4.786	9 / 2.092	17 / 3.853	- / -	17 / 3.853	41 / 4.092	11 / 0.067	3 / 0.508	24 / 2.878	71 / 32.793	310 / 55.425
Non-Recurring												
1.2.1) Installation Kits N/R - Organic ⁽⁵⁾	- / 20.834	- / 2.739	- / 4.672	- / 1.212	- / -	- / 1.212	- / -	- / 3.112	- / 3.541	- / 21.759	- / 6.250	- / 64.119
Subtotal Non-Recurring	- / 20.834	- / 2.739	- / 4.672	- / 1.212	- / -	- / 1.212	- / -	- / 3.112	- / 3.541	- / 21.759	- / 6.250	- / 64.119
B Kits												
Recurring												
2.1.1) ARC 210 Radio/Crypto - Organic	- / -	10 / 4.700	6 / 2.340	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 7.040
2.1.2) HPTS - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.013	5 / 5.065	10 / 10.130	16 / 16.208
2.1.3) CNS/ATM - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 48.000	16 / 48.000
2.1.4) GPS - Organic	- / -	- / -	- / -	- / -	- / -	- / -	16 / 2.568	- / -	- / -	- / -	- / -	16 / 2.568
2.1.5) MOM - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 28.800	16 / 28.800
2.1.6) HF ALE - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.200	6 / 1.200	9 / 1.800	16 / 3.200

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - Tech Insertion (OSIP 003-04)			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.1.7) Keyers - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.360	7 / 0.280	16 / 0.640
2.1.8) KG-3X - Organic	1 / 0.000	15 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / -
2.1.9) HPTS Camera - Organic	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.048	8 / 0.057	- / -	- / -	- / -	16 / 0.105
2.1.10) Lab Equipment - Organic	3 / 0.134	- / -	- / -	- / -	- / -	- / -	1 / 0.186	- / -	1 / 0.200	1 / 0.040	- / -	6 / 0.560
2.1.11) Archived ECPs - Organic	131 / 8.201	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	131 / 8.201
Subtotal Recurring	135 / 8.335	25 / 4.700	6 / 2.340	- / -	- / -	- / -	25 / 2.802	8 / 0.057	3 / 1.413	21 / 6.665	58 / 89.010	281 / 115.322
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 9.741	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.490	- / 3.000	- / 22.231
Subtotal Non-Recurring	- / 9.741	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.490	- / 3.000	- / 22.231
Total, Tech Insertion (OSIP 003-04)	251 / 43.266	43 / 12.225	15 / 9.104	17 / 5.065	- / -	17 / 5.065	66 / 6.894	19 / 3.236	6 / 5.462	45 / 40.792	129 / 131.053	591 / 257.097
Total Procurement, All Modifications	251 / 43.266	43 / 12.225	15 / 9.104	17 / 5.065	- / -	17 / 5.065	66 / 6.894	19 / 3.236	6 / 5.462	45 / 40.792	129 / 131.053	591 / 257.097
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data ⁽⁶⁾	- / 0.953	- / -	- / 0.097	- / 0.035	- / -	- / 0.035	- / 0.584	- / -	- / -	- / 0.577	- / -	- / 2.246
3.3) Training Equipment ⁽⁷⁾	14 / 3.454	8 / 4.143	2 / 0.765	- / 0.124	- / -	- / 0.124	8 / 2.825	- / -	- / -	11 / 5.058	12 / 26.145	55 / 42.514
3.4) Support Equipment	7 / 1.000	2 / 1.685	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.685
3.5) ILS ⁽⁸⁾	- / 0.887	- / -	- / 0.661	- / 0.096	- / -	- / 0.096	- / 0.414	- / -	- / 0.970	- / 0.737	- / 6.019	- / 9.784
3.6) Other Support ⁽⁹⁾	- / 23.996	- / 8.411	- / 9.512	- / 6.234	- / -	- / 6.234	- / 5.437	- / 2.742	- / 2.039	- / 2.735	- / 14.096	- / 75.202
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	30.290	14.239	11.035	6.489	-	6.489	9.260	2.742	3.009	9.107	46.260	132.431
Total Procurement and Support	73.556	26.464	20.139	11.554	-	11.554	16.154	5.978	8.471	49.899	177.313	389.528
Tech Insertion (OSIP 003-04) Installation Cost	- / 1.339	- / 0.406	- / 5.724	- / 2.657	- / -	- / 2.657	- / 3.083	- / 0.123	- / 0.158	- / 1.247	- / 73.374	- / 88.111
Total Installation Cost	- / 1.339	- / 0.406	- / 5.724	- / 2.657	- / -	- / 2.657	- / 3.083	- / 0.123	- / 0.158	- / 1.247	- / 73.374	- / 88.111
Total Cost (Procurement + Support + Installation)	74.895	26.870	25.863	14.211	-	14.211	19.237	6.101	8.629	51.146	250.687	477.639

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tech Insertion (OSIP 003-04)											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Manufacturer Information: Tech Insertion (OSIP 003-04)																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 0														Production Leadtime (<i>in Months</i>): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: Tech Insertion (OSIP 003-04)										Method of Implementation: Drive In										Installation Name: ARC 210 Radio/Crypto											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		10 / 3.200		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 3.200					
FY 2013		- / -		- / -		3 / 0.956		3 / 1.204		- / -		3 / 1.204		- / -		- / -		- / -		- / -		- / -		- / -		6 / 2.160					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		13 / 4.156		3 / 1.204		- / -		3 / 1.204		- / -		- / -		- / -		- / -		- / -		- / -		16 / 5.360					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	3	4	3	3	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	-	-	-	-	-	2	5	3	2	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tech Insertion (OSIP 003-04)			

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: Drive In				Installation Name: Keyers				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.180	3 / 0.090	9 / 0.270
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.210	7 / 0.210
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.180	10 / 0.300	16 / 0.480

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	1	10	16	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	10	16	

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: Drive In				Installation Name: HPTS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.150	- / -	1 / 0.150
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.750	5 / 0.750
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.500	10 / 1.500

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (Modification Number - Modification Title): 3 - Tech Insertion (OSIP 003-04)											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Installation: Tech Insertion (OSIP 003-04)										Method of Implementation: Drive In										Installation Name: HPTS											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.150		15 / 2.250		16 / 2.400							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	15	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	15	16
Installation: Tech Insertion (OSIP 003-04)																															
Method of Implementation: [none specified]										Installation Name: CNS/ATM																					
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		0 / 0.000							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		16 / 32.000		16 / 32.000							
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		16 / 32.000		16 / 32.000							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tech Insertion (OSIP 003-04)			

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: [none specified]				Installation Name: Seats				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	4 / 0.320	- / -	4 / 0.320	2 / 0.160	- / -	- / -	- / -	- / -	6 / 0.480
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.800	- / -	- / -	- / -	- / -	10 / 0.800
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	4 / 0.320	- / -	4 / 0.320	12 / 0.960	- / -	- / -	- / -	- / -	16 / 1.280

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: Drive In				Installation Name: CVLR				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.305	2 / 0.610	3 / 0.915
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 3.965	13 / 3.965

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (Modification Number - Modification Title): 3 - Tech Insertion (OSIP 003-04)											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Installation: Tech Insertion (OSIP 003-04)										Method of Implementation: Drive In										Installation Name: CVLR											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.305		15 / 4.575		16 / 4.880							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	15	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	15	16
Installation: Tech Insertion (OSIP 003-04)																															
Method of Implementation: [none specified]										Installation Name: MOM																					
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		0 / 0.000							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		16 / 24.000		16 / 24.000							
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		16 / 24.000		16 / 24.000							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - Tech Insertion (OSIP 003-04)			

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: [none specified]				Installation Name: GPS				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.903	- / -	- / -	- / -	- / -	16 / 0.903
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.903	- / -	- / -	- / -	- / -	16 / 0.903

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: Drive In				Installation Name: HF ALE				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.048	- / -	1 / 0.048
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.288	6 / 0.288
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.432	9 / 0.432

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy															Date: April 2013																																		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (Modification Number - Modification Title): 3 - Tech Insertion (OSIP 003-04)																													
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]										Related RDT&E PEs:																																		
Installation: Tech Insertion (OSIP 003-04)															Method of Implementation: Drive In										Installation Name: HF ALE																								
Installation Cost		Prior Years				FY 2012				FY 2013				FY 2014 Base				FY 2014 OCO				FY 2014 Total				FY 2015				FY 2016				FY 2017				FY 2018				To Complete		Total					
		Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)									
Total		-				-				-				-				-				-				-				-				-				1 / 0.048				15 / 0.720		16 / 0.768					
Installation Schedule																																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						TC	Tot																
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																				
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	15	16														
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	15	16														
Installation: Tech Insertion (OSIP 003-04)																														Method of Implementation: [none specified]										Installation Name: Carbon Brakes									
Installation Cost		Prior Years				FY 2012				FY 2013				FY 2014 Base				FY 2014 OCO				FY 2014 Total				FY 2015				FY 2016				FY 2017				FY 2018				To Complete		Total					
		Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)				Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)									
All Prior Years		-				-				1 / 0.157				-				-				-				-				-				-				-				-		1 / 0.157					
FY 2012		-				-				7 / 1.099				1 / 0.157				-				1 / 0.157				-				-				-				-				-		8 / 1.256					
FY 2013		-				-				-				3 / 0.471				-				3 / 0.471				-				-				-				-				-		3 / 0.471					
FY 2014		-				-				-				1 / 0.157				-				1 / 0.157				3 / 0.496				-				-				-				-		4 / 0.653					
FY 2015		-				-				-				-				-				-				-				-				-				-				-		-					
FY 2016		-				-				-				-				-				-				-				-				-				-				-		-					
FY 2017		-				-				-				-				-				-				-				-				-				-				-		-					
FY 2018		-				-				-				-				-				-				-				-				-				-				-		-					
To Complete		-				-				-				-				-				-				-				-				-				-				-		-					
Total		-				-				8 / 1.256				5 / 0.785				-				5 / 0.785				3 / 0.496				-				-				-				-		16 / 2.537					
Installation Schedule																																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						TC	Tot																
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																				
In	-	-	-	-	-	1	1	3	3	2	1	2	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16														
Out	-	-	-	-	-	-	1	3	3	3	-	3	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16														

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tech Insertion (OSIP 003-04)			

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: Drive In				Installation Name: KG-3X Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	1 / 0.250	15 / 0.134	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.384
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.250	15 / 0.134	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.384

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	3	6	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
Out	1	3	5	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: [none specified]				Installation Name: Glareshield				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	7 / 0.088	- / -	7 / 0.088	- / -	- / -	- / -	- / -	- / -	7 / 0.088
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.096	- / -	- / -	- / -	- / -	6 / 0.096
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.051	- / -	- / -	- / -	3 / 0.051
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0564 - E-6 Series											Modification Nomenclature (Modification Number - Modification Title): 3 - Tech Insertion (OSIP 003-04)												
Models of Systems Affected: [No Model Specified]											Type Modification: [No Modification Type Specified]											Related RDT&E PEs:												
Installation: Tech Insertion (OSIP 003-04)											Method of Implementation: [none specified]											Installation Name: Glareshield												
Installation Cost											Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
											Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Total											- / -		- / -		- / -		7 / 0.088		- / -		7 / 0.088		6 / 0.096		3 / 0.051		- / -		- / -		- / -		16 / 0.235	
Installation Schedule																																		
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	-	-	-	-	-	-	-	-	-	-	2	2	3	-	2	2	2	-	2	1	-	-	-	-	-	-	-	-	-	-	16			
Out	-	-	-	-	-	-	-	-	-	3	-	2	2	-	-	2	2	2	-	2	1	-	-	-	-	-	-	-	-	-	16			
Installation: Tech Insertion (OSIP 003-04)																																		
Installation: Tech Insertion (OSIP 003-04)											Method of Implementation: [none specified]											Installation Name: HPTS Camera												
Installation Cost											Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
											Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
All Prior Years											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2012											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015											- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.058		- / -		- / -		8 / 0.058					
FY 2016											- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.069		- / -		- / -		8 / 0.069			
FY 2017											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete											- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total											- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.058		8 / 0.069		- / -		- / -		16 / 0.127			
Installation Schedule																																		
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	-	-	-	-	-	16			
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	-	-	-	-	16			

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tech Insertion (OSIP 003-04)			

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: Drive In				Installation Name: Lab				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	2 / 0.071	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.071
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.006	- / -	- / -	- / -	- / -	1 / 0.006
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.089	- / -	- / -	1 / 0.089
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.030	- / -	1 / 0.030
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 0.071	- / -	- / -	- / -	- / -	- / -	1 / 0.006	- / -	1 / 0.089	1 / 0.030	- / -	5 / 0.196

Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	5
Out	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	5

Installation: Tech Insertion (OSIP 003-04)				Method of Implementation: [none specified]				Installation Name: Training Equipment				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	14 / 1.018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 1.018
FY 2012	- / -	6 / 0.272	2 / 0.258	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.530
FY 2013	- / -	- / -	1 / 0.054	1 / 0.260	- / -	1 / 0.260	- / -	- / -	- / -	- / -	- / -	2 / 0.314
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.622	1 / 0.014	- / -	- / -	- / -	8 / 0.636
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.534	6 / 0.392	11 / 0.926
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 9.137	12 / 9.137

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0564 - E-6 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tech Insertion (OSIP 003-04)												
Models of Systems Affected: [No Model Specified]											Type Modification: [No Modification Type Specified]											Related RDT&E PEs:												
Installation: Tech Insertion (OSIP 003-04)											Method of Implementation: [none specified]											Installation Name: Training Equipment												
Installation Cost											Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
											Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Total											14 / 1.018		6 / 0.272		3 / 0.312		1 / 0.260		- / -		1 / 0.260		7 / 0.622		1 / 0.014		- / -		5 / 0.534		18 / 9.529		55 / 12.561	
Installation Schedule																																		
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	14	1	2	2	1	-	2	1	-	-	1	-	-	2	2	2	1	-	1	-	-	-	-	-	-	1	2	2	-	18	55			
Out	14	-	1	2	2	1	-	2	1	-	-	1	-	-	2	2	2	1	-	1	-	-	-	-	-	-	1	2	2	18	55			
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - Archived ECPs											Installation Quantity: 97																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - ARC 210 Radio/Crypto											Installation Quantity: 16																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - HPTS											Installation Quantity: 16																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - CNS/ATM											Installation Quantity: 16																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - GPS											Installation Quantity: 16																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - HF ALE											Installation Quantity: 16																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - Keyers											Installation Quantity: 16																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - KG-3X											Installation Quantity: 16																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - HPTS Camera											Installation Quantity: 16																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - Lab Equipment											Installation Quantity: 6																							
Installation: Tech Insertion (OSIP 003-04)																																		
Method of Implementation: Organic - Archived ECPs											Installation Quantity: 131																							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Tech Insertion (OSIP 003-04)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 9
Footnotes: (5) Increase in Installation Kits N/R cost for FY13 is due to the Seats program non-recurring effort beginning in FY13 in support of a production buy in FY14. Increase in Installation Kits N/R cost for FY17 is due to the HPTS and HFALE programs non-recurring effort beginning in FY17 to support a production buy in the same year. Increase in Installation Kits N/R cost for FY18 is due to the Keyers, CVLR, CNS/ATM and MOM programs non-recurring effort beginning in FY18, with NRE kit buys in FY18 for Keyers and CVLR and NRE Kit buys beyond the FYDP for CNS/ATM and MOM. (6) Increase in Data cost growth in FY15 is to support the start of the GPS effort. (7) Increase in Training Equipment cost in FY15 is to support the start of the GPS and Seats efforts. (8) Increase in ILS cost in FY15 is to support the start of the GPS and Seats efforts. (9) Increase in Other Support cost growth in FY14 is due to the Seats effort beginning in FY14. Increase in Other Support cost growth in FY18 is due to Keyers and CVLR efforts beginning in FY18.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Service Life Extension Program (SLEP) (OSIP 003-07)		
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	44.892	14.514	16.533	22.087	-	22.087	15.663	21.343	9.101	7.774	36.764	188.671
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	44.892	14.514	16.533	22.087	-	22.087	15.663	21.343	9.101	7.774	36.764	188.671
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	44.892	14.514	16.533	22.087	-	22.087	15.663	21.343	9.101	7.774	36.764	188.671
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: Service Life Extension Program (SLEP) extends the service life of the aircraft to 2040+ through airframe strengthening and structural data recording and analysis. Just in time modifications to prevent aircraft grounding due to fatigue life expended. Modifications include, but not limited to: SLEP; Crash Survivable Flight Incident Recorder (CSFIR) Phase 2; Individual Aircraft Tracking System (IATS). DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: SLEP Installation Kit production buys in FY09 to FY16 (16 A/C) with installs in FY09 to FY16 (16 A/C). CSFIR Phase 2 non-recurring engineering (NRE) in FY16-FY18 with NRE kit buy in FY18 and production kit buys beyond the FYDP (16 A/C); installations beyond the FYDP (16A/C). IATS NRE in FY16-FY18 with installs beyond the FYDP.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - Service Life Extension Program (SLEP) (OSIP 003-07)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Service Life Extension Program (SLEP) (OSIP 003-07)												
A Kits												
Recurring												
1.1.1) SLEP Phase One Kits - NonOrganic ⁽¹⁰⁾	5 / 3.316	2 / 1.810	2 / 1.842	3 / 2.813	- / -	3 / 2.813	2 / 1.909	2 / 1.943	- / -	- / -	- / -	16 / 13.633
1.1.2) CSFIR Phase Two Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.703	15 / 11.168	16 / 11.871
Subtotal Recurring	5 / 3.316	2 / 1.810	2 / 1.842	3 / 2.813	- / -	3 / 2.813	2 / 1.909	2 / 1.943	- / -	1 / 0.703	15 / 11.168	32 / 25.504
Non-Recurring												
1.2.1) Installation Kits N/R - NonOrganic ⁽¹¹⁾	- / 6.413	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.320	- / 7.176	- / 2.923	- / -	- / 21.832
Subtotal Non-Recurring	- / 6.413	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.320	- / 7.176	- / 2.923	- / -	- / 21.832
Total, Service Life Extension Program (SLEP) (OSIP 003-07)	5 / 9.729	2 / 1.810	2 / 1.842	3 / 2.813	- / -	3 / 2.813	2 / 1.909	2 / 7.263	- / 7.176	1 / 3.626	15 / 11.168	32 / 47.336
Total Procurement, All Modifications	5 / 9.729	2 / 1.810	2 / 1.842	3 / 2.813	- / -	3 / 2.813	2 / 1.909	2 / 7.263	- / 7.176	1 / 3.626	15 / 11.168	32 / 47.336
Support												
3.1) Engineering Change Order	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / -	- / 0.063	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.063	- / 0.126
3.3) Training Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.219	3 / 3.604	4 / 4.823
3.4) Support Equipment	- / 0.794	- / -	- / 1.462	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.462	- / 3.718
3.5) ILS	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.975	- / -	- / 0.975
3.6) Other Support ⁽¹²⁾	- / 7.544	- / 1.359	- / 1.744	- / 1.736	- / -	- / 1.736	- / 1.852	- / 1.964	- / 1.925	- / 1.954	- / 8.644	- / 28.722
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	8.338	1.422	3.206	1.736	-	1.736	1.852	1.964	1.925	4.148	13.773	38.364
Total Procurement and Support	18.067	3.232	5.048	4.549	-	4.549	3.761	9.227	9.101	7.774	24.941	85.700
Service Life Extension Program (SLEP) (OSIP 003-07) Installation Cost	- / 26.825	- / 11.282	- / 11.485	- / 17.538	- / -	- / 17.538	- / 11.902	- / 12.116	- / -	- / -	- / 11.823	- / 102.971
Total Installation Cost	- / 26.825	- / 11.282	- / 11.485	- / 17.538	- / -	- / 17.538	- / 11.902	- / 12.116	- / -	- / -	- / 11.823	- / 102.971
Total Cost (Procurement + Support + Installation)	44.892	14.514	16.533	22.087	-	22.087	15.663	21.343	9.101	7.774	36.764	188.671

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Service Life Extension Program (SLEP) (OSIP 003-07)											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: Service Life Extension Program (SLEP) (OSIP 003-07)																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 0													Production Leadtime (<i>in Months</i>): 0																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates																															
Delivery Dates																															
Installation: Service Life Extension Program (SLEP) (OSIP 003-07)										Method of Implementation: Drive In										Installation Name: SLEP Phase One Kits											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		5 / 26.825		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 26.825					
FY 2012		- / -		2 / 11.282		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 11.282					
FY 2013		- / -		- / -		2 / 11.485		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 11.485					
FY 2014		- / -		- / -		- / -		3 / 17.538		- / -		3 / 17.538		- / -		- / -		- / -		- / -		- / -		- / -		3 / 17.538					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		2 / 11.902		- / -		- / -		- / -		- / -		- / -		2 / 11.902					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 12.116		- / -		- / -		- / -		- / -		2 / 12.116					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		5 / 26.825		2 / 11.282		2 / 11.485		3 / 17.538		- / -		3 / 17.538		2 / 11.902		2 / 12.116		- / -		- / -		- / -		- / -		16 / 91.148					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	5	-	-	1	1	-	-	1	1	-	-	1	2	-	-	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	16
Out	4	1	-	-	1	-	1	-	-	1	1	-	1	1	1	-	1	-	1	-	1	-	1	-	-	-	-	-	-	-	16

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Service Life Extension Program (SLEP) (OSIP 003-07)			

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: Service Life Extension Program (SLEP) (OSIP 003-07)				Method of Implementation: Drive In				Installation Name: CSFIR Phase Two Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.720	1 / 0.720
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 10.771	15 / 10.771
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 11.491	16 / 11.491

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	

Installation: Service Life Extension Program (SLEP) (OSIP 003-07)			Method of Implementation: [none specified]					Installation Name: Training Equipment				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.239	1 / 0.239

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Service Life Extension Program (SLEP) (OSIP 003-07)

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: Service Life Extension Program (SLEP) (OSIP 003-07)				Method of Implementation: [none specified]				Installation Name: Training Equipment				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.093	3 / 0.093
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.332	4 / 0.332

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	

Footnotes:

- (10) Increase in SLEP Phase One Kit cost growth in FY16 is due to projected increase in the number of days required to complete a SLEP aircraft.
- (11) Increase in Installation Kits N/R cost for FY17 is due to the CSFIRs program non-recurring effort continuing in FY17 in support of a production buy in FY18.
- (12) Increase in Other Support cost growth in FY15 is to support the Installation N/R CSFIRS contract award in FY16.

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communications Upgrade (OSIP 012-07)			

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	149.482	18.921	13.046	19.244	-	19.244	17.546	17.980	18.591	12.792	-	267.602
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	149.482	18.921	13.046	19.244	-	19.244	17.546	17.980	18.591	12.792	-	267.602
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	149.482	18.921	13.046	19.244	-	19.244	17.546	17.980	18.591	12.792	-	267.602
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION: Communications Upgrade installs expanded aircraft communication bandwidth capability required to improve airborne command post operations. Internet Protocol (IP) connectivity and wideband communication capability to enable voice, video and data services is mission critical to command and control operations. Modifications include: IP Phase I, International Marine/ Maritime Satellite (INMARSAT); IP Phase 3, removal of Utility Trailing Wire Antenna (UTWA).

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: IP Phase 1 INMARSAT non-recurring engineering (NRE) FY07-FY09 with NRE kit installation in FY09. Phase 1 production kit buys in FY10-FY17 with installs FY11-FY18 (16 A/C). IP Phase 3 UTWA removal NRE FY07-FY08 with NRE kit install in FY09. Phase 3 aircraft production kit buys in FY10-FY17 with installs in FY11-FY18 (16 A/C). IP Phases 1 and 3 installations will be completed concurrently with the Block I production program in FY12 through FY18.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - Communications Upgrade (OSIP 012-07)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Communications Upgrade (OSIP 012-07)												
A Kits												
Recurring												
1.1.1) Phase One Kit - NonOrganic ⁽¹³⁾	4 / 1.423	2 / 0.876	2 / 0.892	2 / 0.910	- / -	2 / 0.910	2 / 0.928	2 / 0.948	2 / 0.966	- / -	- / -	16 / 6.943
1.1.2) Phase Three Kit - NonOrganic ⁽¹⁴⁾	4 / 1.735	2 / 1.164	2 / 1.290	2 / 1.316	- / -	2 / 1.316	2 / 1.342	2 / 1.368	2 / 1.396	- / -	- / -	16 / 9.611
1.1.3) Archived ECPs - Organic	19 / 6.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 6.005
1.1.4) PY Installs - Organic	- / 2.077	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.077
Subtotal Recurring	27 / 11.240	4 / 2.040	4 / 2.182	4 / 2.226	- / -	4 / 2.226	4 / 2.270	4 / 2.316	4 / 2.362	- / -	- / -	51 / 24.636
Non-Recurring												
1.2.1) Installation Kit N/R - NonOrganic	- / 53.769	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 53.769
Subtotal Non-Recurring	- / 53.769	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 53.769
B Kits												
Recurring												
2.1.1) Phase One Equipment - Organic ⁽¹⁵⁾	4 / 1.655	2 / 1.312	2 / 1.340	2 / 1.366	- / -	2 / 1.366	2 / 1.394	2 / 1.420	2 / 1.450	- / -	- / -	16 / 9.937
2.1.2) Phase Three Equipment - Organic ⁽¹⁶⁾	4 / 1.628	2 / 1.852	2 / 1.934	2 / 1.972	- / -	2 / 1.972	2 / 2.012	2 / 2.054	2 / 2.094	- / -	- / -	16 / 13.546
2.1.3) Archived ECPs - Organic	19 / 3.667	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 3.667
Subtotal Recurring	27 / 6.950	4 / 3.164	4 / 3.274	4 / 3.338	- / -	4 / 3.338	4 / 3.406	4 / 3.474	4 / 3.544	- / -	- / -	51 / 27.150
Total, Communications Upgrade (OSIP 012-07)	54 / 71.959	8 / 5.204	8 / 5.456	8 / 5.564	- / -	8 / 5.564	8 / 5.676	8 / 5.790	8 / 5.906	- / -	- / -	102 / 105.555
Total Procurement, All Modifications	54 / 71.959	8 / 5.204	8 / 5.456	8 / 5.564	- / -	8 / 5.564	8 / 5.676	8 / 5.790	8 / 5.906	- / -	- / -	102 / 105.555
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data ⁽¹⁷⁾	- / 2.468	- / 0.242	- / 0.138	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.848
3.3) Training Equipment ⁽¹⁸⁾	12 / 10.069	- / -	2 / 1.074	2 / 1.166	- / -	2 / 1.166	- / -	- / -	- / -	- / -	- / -	16 / 12.309
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 3.169	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.169
3.6) Other Support ⁽¹⁹⁾	- / 40.215	- / 1.954	- / 2.393	- / 3.434	- / -	- / 3.434	- / 3.580	- / 3.734	- / 4.059	- / 4.068	- / -	- / 63.437
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	55.921	2.196	3.605	4.600	-	4.600	3.580	3.734	4.059	4.068	-	81.763

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communications Upgrade (OSIP 012-07)			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Total Procurement and Support</i>	127.880	7.400	9.061	10.164	-	10.164	9.256	9.524	9.965	4.068	-	187.318	
Communications Upgrade (OSIP 012-07) Installation Cost	- / 21.602	- / 11.521	- / 3.985	- / 9.080	- / -	- / 9.080	- / 8.290	- / 8.456	- / 8.626	- / 8.724	- / -	- / 80.284	
<i>Total Installation Cost</i>	- / 21.602	- / 11.521	- / 3.985	- / 9.080	- / -	- / 9.080	- / 8.290	- / 8.456	- / 8.626	- / 8.724	- / -	- / 80.284	
Total Cost (Procurement + Support + Installation)	149.482	18.921	13.046	19.244	-	19.244	17.546	17.980	18.591	12.792	-	267.602	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communications Upgrade (OSIP 012-07)											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs:																					
Manufacturer Information: Communications Upgrade (OSIP 012-07)																															
Manufacturer Name: various														Manufacturer Location: various																	
Administrative Leadtime (<i>in Months</i>): 0														Production Leadtime (<i>in Months</i>): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: Communications Upgrade (OSIP 012-07)										Method of Implementation: Drive In										Installation Name: Phase One Kit											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		2 / 9.793		2 / 3.378		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 13.171					
FY 2012		- / -		1 / 1.689		1 / 1.723		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 3.412					
FY 2013		- / -		- / -		- / -		2 / 3.514		- / -		2 / 3.514		- / -		- / -		- / -		- / -		- / -		- / -		2 / 3.514					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		2 / 3.584		- / -		- / -		- / -		- / -		- / -		2 / 3.584					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 3.656		- / -		- / -		- / -		- / -		2 / 3.656					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 3.730		- / -		- / -		- / -		2 / 3.730					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 3.730		- / -		- / -		2 / 3.730					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		2 / 9.793		3 / 5.067		1 / 1.723		2 / 3.514		- / -		2 / 3.514		2 / 3.584		2 / 3.656		2 / 3.730		2 / 3.730		- / -		- / -		16 / 34.797					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	2	1	1	-	1	-	-	-	1	-	1	-	1	1	1	-	-	-	1	-	1	-	-	1	1	-	1	-	1	-	16
Out	2	-	1	-	1	1	-	-	-	2	-	-	1	-	1	-	1	-	-	1	-	1	-	-	1	1	-	1	-	1	16

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communications Upgrade (OSIP 012-07)			

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: Communications Upgrade (OSIP 012-07)				Method of Implementation: Drive In				Installation Name: Phase Three Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	2 / 9.079	2 / 4.436	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 13.515
FY 2012	- / -	1 / 2.018	1 / 2.262	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.280
FY 2013	- / -	- / -	- / -	2 / 4.614	- / -	2 / 4.614	- / -	- / -	- / -	- / -	- / -	2 / 4.614
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.706	- / -	- / -	- / -	- / -	2 / 4.706
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.800	- / -	- / -	- / -	2 / 4.800
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.896	- / -	- / -	2 / 4.896
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.994	- / -	2 / 4.994
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 9.079	3 / 6.454	1 / 2.262	2 / 4.614	- / -	2 / 4.614	2 / 4.706	2 / 4.800	2 / 4.896	2 / 4.994	- / -	16 / 41.805

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2	1	1	-	1	-	-	-	1	-	1	-	1	1	1	-	-	1	-	-	1	-	-	1	1	-	1	-	1	-	16
Out	2	-	1	-	1	1	-	-	-	2	-	-	1	-	1	-	1	-	-	1	-	1	-	-	1	1	-	-	1	1	16

Installation: Communications Upgrade (OSIP 012-07)				Method of Implementation: Drive In				Installation Name: Training Equipment				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	12 / 2.730	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 2.730
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	2 / 0.669	- / -	2 / 0.669	- / -	- / -	- / -	- / -	- / -	2 / 0.669
FY 2014	- / -	- / -	- / -	2 / 0.283	- / -	2 / 0.283	- / -	- / -	- / -	- / -	- / -	2 / 0.283
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communications Upgrade (OSIP 012-07)													
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:													
Installation: Communications Upgrade (OSIP 012-07)										Method of Implementation: Drive In										Installation Name: Training Equipment													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
To Complete										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total										12 / 2.730		- / -		- / -		4 / 0.952		- / -		4 / 0.952		- / -		- / -		- / -		- / -		16 / 3.682			
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	12	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16		
Out	12	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16		
Installation: Communications Upgrade (OSIP 012-07)																																	
Method of Implementation: Organic - Archived ECPs										Installation Quantity: 19																							
Installation: Communications Upgrade (OSIP 012-07)																																	
Method of Implementation: Organic - Phase One Equipment										Installation Quantity: 16																							
Installation: Communications Upgrade (OSIP 012-07)																																	
Method of Implementation: Organic - Phase Three Equipment										Installation Quantity: 16																							
Installation: Communications Upgrade (OSIP 012-07)																																	
Method of Implementation: Organic - Archived ECPs										Installation Quantity: 19																							
Footnotes: (13) Increase in IP Phase 1 cost growth in FY13-FY17 is due to the projected unit cost growth to align with the schedule of the Block I effort (OSIP 008-10). (14) Increase in IP Phase 3 cost growth in FY13-FY17 is due to the projected unit cost growth to align with the schedule of the Block I effort (OSIP 008-10). (15) Increase in IP Phase 1 Equipment cost growth in FY13-FY17 is due to the projected unit cost growth to align with the schedule of the Block I effort (OSIP 008-10). (16) Increase in IP Phase 3 Equipment cost growth in FY13-FY17 is due to the projected unit cost growth to align with the schedule of the Block I effort (OSIP 008-10). (17) Increase in Data cost growth in FY13 is to support the continued efforts of IP Phase 1&3 Kits and Equipment. (18) Increase in Training Equipment cost in FY14 is to support the IP Phase 1 training efforts. (19) Increase in Other Support cost growth in FY14-FY17 is due to the projected cost growth to support the IP Phase 1&3 efforts.																																	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (Modification Number - Modification Title): 6 - Block I (OSIP 008-10)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0101402N					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	122.405	74.362	55.892	80.835	-	80.835	60.701	56.587	52.888	30.206	-	533.876
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	122.405	74.362	55.892	80.835	-	80.835	60.701	56.587	52.888	30.206	-	533.876
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	122.405	74.362	55.892	80.835	-	80.835	60.701	56.587	52.888	30.206	-	533.876
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION: Block I corrects Airborne Command Post program (ABNCP) Follow-On Operational Test and Evaluation (FOT&E) deficiencies to improve mission capability and readiness. Modifications include, but not limited to: Block I; Very Low Frequency (VLF) Transmit Terminal (VTT); Technology Upgrade.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Block I Systems Integration Lab (SIL) & aircraft (A/C) development kit installed in SIL FY06 and in A/C FY08; Milestone-C 3Q FY10; Low-Rate Initial Production (LRIP) contract award 3Q FY10; LRIP 1 kit buy in FY10 and 3 kit buys in FY11 with installs in FY11 and FY12 (4 A/C); Full-Rate Production (FRP) Decision Review achieved FY12. FRP kit buys FY12-FY17 (11 A/C) with installs in FY13 - FY18 (15 A/C). VTT Prototype SIL and A/C development kit delivery in FY11 with installation in FY12. SIL and A/C testing 2Q FY12 to 1Q FY13. VTT Production kit buys in FY13 - FY17 with installs in FY13-FY18 (15 A/C). Technology Upgrade NRE in FY15 with NRE kit buy in FY16 and installation in FY16. Production kit buys in FY16-FY18 with installs in FY16-FY18.												
Note: The VTT modification was moved from the Auxiliary Power Unit OSIP 002-12 (formerly Block Recapture) to the Block I OSIP 008-10.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (Modification Number - Modification Title): 6 - Block I (OSIP 008-10)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0101402N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Block I (OSIP 008-10)												
A Kits												
Recurring												
1.1.1) BLOCK ONE Kit - NonOrganic ⁽²⁰⁾	4 / 15.004	1 / 3.664	2 / 7.547	2 / 7.777	- / -	2 / 7.777	2 / 8.010	2 / 8.251	2 / 8.493	- / -	- / -	15 / 58.746
1.1.2) TECH UPGRADE - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.725	3 / 1.098	8 / 3.017	- / -	16 / 5.840
1.1.4) LAB - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.345	- / -	- / -	- / -	1 / 0.345
Subtotal Recurring	4 / 15.004	1 / 3.664	2 / 7.547	2 / 7.777	- / -	2 / 7.777	2 / 8.010	8 / 10.321	5 / 9.591	8 / 3.017	- / -	32 / 64.931
Non-Recurring												
1.2.1) Installation Kits N/R - NonOrganic ⁽²¹⁾	- / 15.136	- / 18.933	- / -	- / -	- / -	- / -	- / 6.766	- / -	- / -	- / -	- / -	- / 40.835
Subtotal Non-Recurring	- / 15.136	- / 18.933	- / -	- / -	- / -	- / -	- / 6.766	- / -	- / -	- / -	- / -	- / 40.835
B Kits												
Recurring												
2.1.1) BLOCK ONE Equipment - Organic ⁽²²⁾	3 / 27.864	1 / 6.804	2 / 14.017	2 / 14.439	- / -	2 / 14.439	2 / 14.875	2 / 15.323	2 / 15.772	- / -	- / -	14 / 109.094
2.1.2) TECH UPGRADE - Organic ⁽²³⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 2.125	3 / 1.353	8 / 3.716	- / -	16 / 7.194
2.1.3) VTT - NonOrganic ⁽²⁴⁾	- / -	- / -	7 / 2.641	2 / 0.771	- / -	2 / 0.771	2 / 0.793	2 / 0.816	2 / 0.843	- / -	- / -	15 / 5.864
2.1.4) LAB - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.450	- / -	- / -	- / -	1 / 0.450
Subtotal Recurring	3 / 27.864	1 / 6.804	9 / 16.658	4 / 15.210	- / -	4 / 15.210	4 / 15.668	10 / 18.714	7 / 17.968	8 / 3.716	- / -	46 / 122.602
Total, Block I (OSIP 008-10)	7 / 58.004	2 / 29.401	11 / 24.205	6 / 22.987	- / -	6 / 22.987	6 / 30.444	18 / 29.035	12 / 27.559	16 / 6.733	- / -	78 / 228.368
Total Procurement, All Modifications	7 / 58.004	2 / 29.401	11 / 24.205	6 / 22.987	- / -	6 / 22.987	6 / 30.444	18 / 29.035	12 / 27.559	16 / 6.733	- / -	78 / 228.368
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data ⁽²⁵⁾	- / 0.299	- / 3.758	- / 2.973	- / 4.237	- / -	- / 4.237	- / 4.153	- / 0.625	- / 0.261	- / -	- / -	- / 16.306
3.3) Training Equipment ⁽²⁶⁾	5 / 19.978	- / 0.296	- / 12.728	4 / 25.631	- / -	4 / 25.631	1 / 2.440	2 / 2.745	2 / 2.150	- / -	- / -	14 / 65.968
3.4) Support Equipment	- / 19.684	1 / 6.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 26.094
3.5) ILS	- / 1.283	- / 1.030	- / -	- / -	- / -	- / -	- / -	- / 0.639	- / -	- / -	- / -	- / 2.952
3.6) Other Support ⁽²⁷⁾	- / 10.791	- / 11.454	- / 8.644	- / 8.429	- / -	- / 8.429	- / 7.419	- / 6.685	- / 5.889	- / 5.501	- / -	- / 64.812
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	52.035	22.948	24.345	38.297	-	38.297	14.012	10.694	8.300	5.501	-	176.132
Total Procurement and Support	110.039	52.349	48.550	61.284	-	61.284	44.456	39.729	35.859	12.234	-	404.500

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0564 - E-6 Series						Modification Nomenclature (Modification Number - Modification Title): 6 - Block I (OSIP 008-10)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs: 0101402N						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
	Block I (OSIP 008-10) Installation Cost	- / 12.366	- / 22.013	- / 7.342	- / 19.551	- / -	- / 19.551	- / 16.245	- / 16.858	- / 17.029	- / 17.972	- / -	- / 129.376
	Total Installation Cost	- / 12.366	- / 22.013	- / 7.342	- / 19.551	- / -	- / 19.551	- / 16.245	- / 16.858	- / 17.029	- / 17.972	- / -	- / 129.376
Total Cost (Procurement + Support + Installation)		122.405	74.362	55.892	80.835	-	80.835	60.701	56.587	52.888	30.206	-	533.876

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Block I (OSIP 008-10)											
Models of Systems Affected: [No Model Specified]					Type Modification: [No Modification Type Specified]					Related RDT&E PEs: 0101402N																					
Manufacturer Information: Block I (OSIP 008-10)																															
Manufacturer Name: Various ⁽²⁸⁾															Manufacturer Location: Various																
Administrative Leadtime (<i>in Months</i>): 0															Production Leadtime (<i>in Months</i>): 0																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates																															
Delivery Dates																															
Installation: Block I (OSIP 008-10)										Method of Implementation: Drive In										Installation Name: BLOCK ONE Kit											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		1 / 9.266	3 / 22.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 31.279																		
FY 2012		- / -	- / -	1 / 6.946	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 6.946																		
FY 2013		- / -	- / -	- / -	2 / 14.310	- / -	2 / 14.310	- / -	- / -	- / -	- / -	- / -	2 / 14.310																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	2 / 14.742	- / -	- / -	- / -	- / -	2 / 14.742																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 15.188	- / -	- / -	- / -	2 / 15.188																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 15.632	- / -	- / -	2 / 15.632																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 16.104	- / -	2 / 16.104																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		1 / 9.266	3 / 22.013	1 / 6.946	2 / 14.310	- / -	2 / 14.310	2 / 14.742	2 / 15.188	2 / 15.632	2 / 16.104	- / -	15 / 114.201																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	1	1	1	-	1	1	-	-	-	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	15
Out	-	1	1	-	1	1	1	-	-	-	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	15

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Block I (OSIP 008-10)			

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N

Installation: Block I (OSIP 008-10)	Method of Implementation: [none specified]	Installation Name: TECH UPGRADE

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.540	- / -	- / -	- / -	5 / 0.540
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.344	- / -	- / -	3 / 0.344
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.948	- / -	8 / 0.948
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.540	3 / 0.344	8 / 0.948	- / -	16 / 1.832

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	1	1	-	2	2	2	2	-	16	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	1	1	-	2	2	2	2	2	16

Installation: Block I (OSIP 008-10)	Method of Implementation: Drive In	Installation Name: LAB

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation Cost												
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.108	- / -	- / -	- / -	1 / 0.108
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (Modification Number - Modification Title): 6 - Block I (OSIP 008-10)													
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs: 0101402N													
Installation: Block I (OSIP 008-10)										Method of Implementation: Drive In										Installation Name: LAB													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Total										- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.108		- / -		- / -		- / -		1 / 0.108			
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1		
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1		
Installation: Block I (OSIP 008-10)																																	
Method of Implementation: [none specified]										Installation Name: VTT																							
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
All Prior Years										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2012										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013										- / -		- / -		1 / 0.396		6 / 2.435		- / -		6 / 2.435		- / -		- / -		- / -		- / -		7 / 2.831			
FY 2014										- / -		- / -		- / -		- / -		- / -		2 / 0.832		- / -		- / -		- / -		- / -		2 / 0.832			
FY 2015										- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.853		- / -		- / -		- / -		2 / 0.853			
FY 2016										- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.874		- / -		- / -		2 / 0.874			
FY 2017										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.920		- / -		2 / 0.920			
FY 2018										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total										- / -		- / -		1 / 0.396		6 / 2.435		- / -		6 / 2.435		2 / 0.832		2 / 0.853		2 / 0.874		2 / 0.920		- / -		15 / 6.310	
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	-	-	-	-	-	1	2	1	2	1	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	-	15		
Out	-	-	-	-	-	-	-	-	-	2	2	1	2	-	1	-	1	1	-	-	1	1	-	1	-	1	-	-	1	-	15		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 6 - Block I (OSIP 008-10)

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N

Installation: Block I (OSIP 008-10)				Method of Implementation: Drive In				Installation Name: Training Equipment				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	5 / 3.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 3.100
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	3 / 2.806	- / -	3 / 2.806	1 / 0.336	- / -	- / -	- / -	- / -	4 / 3.142
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.335	- / -	- / -	- / -	- / -	1 / 0.335
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.169	- / -	- / -	- / -	2 / 0.169
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.179	- / -	- / -	2 / 0.179
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	5 / 3.100	- / -	- / -	3 / 2.806	- / -	3 / 2.806	2 / 0.671	2 / 0.169	2 / 0.179	- / -	- / -	14 / 6.925

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	5	-	-	-	-	-	-	-	-	1	1	1	-	1	1	-	-	1	-	1	-	1	-	1	-	-	-	-	-	-	14
Out	5	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	-	-	1	-	1	-	1	-	1	-	-	-	-	-	14

Installation: Block I (OSIP 008-10)				Method of Implementation: Organic - BLOCK ONE Equipment				Installation Quantity: 14			
Installation: Block I (OSIP 008-10)				Method of Implementation: Organic - TECH UPGRADE				Installation Quantity: 16			
Installation: Block I (OSIP 008-10)				Method of Implementation: Organic - LAB				Installation Quantity: 1			
Installation: Block I (OSIP 008-10)				Method of Implementation: Not Installed - Support Equipment				Installation Quantity: 1			

Footnotes:
 (20) Increase in Block I Kit unit cost growth from FY13-FY17 is per the Independent Cost Estimate (ICE) completed for the Gate 6 Full Rate Production (FRP) Decision Review which was approved on May 1, 2012.
 (21) Increase in Block I Installation N/R cost growth in FY16 is per the Independent Cost Estimate (ICE) completed for the Gate 6 Full Rate Production (FRP) Decision Review which was approved on May 1, 2012.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Block I (OSIP 008-10)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
(22) Increase in Block I Equipment unit cost growth in FY13-FY17 is per the Independent Cost Estimate (ICE) completed for the Gate 6 Full Rate Production (FRP) Decision Review which was approved on May 1, 2012. (23) Increase in Block I Tech Upgrade Equipment unit cost growth in FY18 is per the Independent Cost Estimate (ICE) completed for the Gate 6 Full Rate Production (FRP) Decision Review which was approved on May 1, 2012. (24) Increase in VTT Equipment unit cost growth in FY14-FY17 is due to the projected unit cost growth to align with the schedule of the Block I effort (OSIP 008-10). (25) Increase in Block I Data cost growth in FY14 is per the Independent Cost Estimate (ICE) completed for the Gate 6 Full Rate Production (FRP) Decision Review which was approved on May 1, 2012. (26) Increase in Block I Training Equipment cost growth in FY13, FY14 and FY18 is per the Independent Cost Estimate (ICE) completed for the Gate 6 Full Rate Production (FRP) Decision Review which was approved on May 1, 2012. (27) Increase in Block I Other Support cost growth in FY13 is per the Independent Cost Estimate (ICE) completed for the Gate 6 Full Rate Production (FRP) Decision Review which was approved on May 1, 2012. (28) Does not include 8 Trainer installs.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)

Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	8.094	13.671	33.252	30.174	-	30.174	52.210	50.106	55.668	20.612	5.046	268.833
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	8.094	13.671	33.252	30.174	-	30.174	52.210	50.106	55.668	20.612	5.046	268.833
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	8.094	13.671	33.252	30.174	-	30.174	52.210	50.106	55.668	20.612	5.046	268.833
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION: Multi-Role Tactical Common Data Link (MR-TCDL) installs expanded aircraft communication bandwidth capability required to interoperate with United States Strategic Command's distributed National Command and Control Architecture. Modification includes: MR-TCDL.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: MR-TCDL contract award FY12; non-recurring engineering (NRE) in FY12-FY13 with NRE aircraft kit buy in FY13 and installation in FY14. Production kit buys in FY15-FY17, with installs FY16 to FY18 (16 aircraft).

Note: The Family of Advanced Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNVC) modification was moved from the Multi-Role Tactical Common Data Link (MR-TCDL) OSIP 013-10 (formerly Block II) to a new OSIP 014-14 titled FAB-T/PNVC starting in FY14.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 7 - Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)				
Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)												
A Kits												
Recurring												
1.1.1) MR-TCDL Kit - NonOrganic ⁽²⁹⁾	- / -	- / -	1 / 5.227	- / -	- / -	- / -	5 / 7.211	4 / 5.968	6 / 9.265	- / -	- / -	16 / 27.671
Subtotal Recurring	- / -	- / -	1 / 5.227	- / -	- / -	- / -	5 / 7.211	4 / 5.968	6 / 9.265	- / -	- / -	16 / 27.671
Non-Recurring												
1.2.1) Installation Kit N/R - NonOrganic ⁽³⁰⁾	- / -	- / 6.474	- / 12.031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.505
Subtotal Non-Recurring	- / -	- / 6.474	- / 12.031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.505
B Kits												
Recurring												
2.1.1) MR-TCDL Equipment - Organic ⁽³¹⁾	- / -	- / -	1 / 3.882	- / -	- / -	- / -	5 / 20.790	4 / 17.206	6 / 26.712	- / -	- / -	16 / 68.590
2.1.2) GFE - Organic	- / -	- / 2.491	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.491
2.1.3) Lab Equipment - NonOrganic	1 / 3.369	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.369
Subtotal Recurring	1 / 3.369	- / 2.491	1 / 3.882	- / -	- / -	- / -	5 / 20.790	4 / 17.206	6 / 26.712	- / -	- / -	17 / 74.450
Total, Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)	1 / 3.369	- / 8.965	2 / 21.140	- / -	- / -	- / -	10 / 28.001	8 / 23.174	12 / 35.977	- / -	- / -	33 / 120.626
Total Procurement, All Modifications	1 / 3.369	- / 8.965	2 / 21.140	- / -	- / -	- / -	10 / 28.001	8 / 23.174	12 / 35.977	- / -	- / -	33 / 120.626
Support												
3.1) Eningeering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data ⁽³²⁾	- / -	- / -	- / 1.300	- / 3.000	- / -	- / 3.000	- / 2.543	- / -	- / -	- / -	- / -	- / 6.843
3.3) Training Equipment ⁽³³⁾	- / -	- / -	- / -	- / 9.563	- / -	- / 9.563	1 / 4.667	2 / 8.524	- / -	- / -	- / -	3 / 22.754
3.4) Support Equipment	- / -	- / -	- / -	- / 4.542	- / -	- / 4.542	4 / 4.532	- / -	- / -	- / -	- / -	4 / 9.074
3.5) ILS ⁽³⁴⁾	- / -	- / -	- / 1.087	- / 3.020	- / -	- / 3.020	- / 4.806	- / -	- / -	- / -	- / -	- / 8.913
3.6) Other Support ⁽³⁵⁾	- / 4.725	- / 4.706	- / 7.517	- / 7.753	- / -	- / 7.753	- / 7.661	- / 3.741	- / 4.570	- / 4.806	- / 5.046	- / 50.525
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	4.725	4.706	9.904	27.878	-	27.878	24.209	12.265	4.570	4.806	5.046	98.109
Total Procurement and Support	8.094	13.671	31.044	27.878	-	27.878	52.210	35.439	40.547	4.806	5.046	218.735

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)			
Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10) Installation Cost	- / 0.000	- / -	- / 2.208	- / 2.296	- / -	- / 2.296	- / -	- / 14.667	- / 15.121	- / 15.806	- / -	- / 50.098	
<i>Total Installation Cost</i>	- / 0.000	- / -	- / 2.208	- / 2.296	- / -	- / 2.296	- / -	- / 14.667	- / 15.121	- / 15.806	- / -	- / 50.098	
Total Cost (Procurement + Support + Installation)	8.094	13.671	33.252	30.174	-	30.174	52.210	50.106	55.668	20.612	5.046	268.833	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0564 - E-6 Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)															
Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]								Related RDT&E PEs:																			
Manufacturer Information: Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)																															
Manufacturer Name: TBD														Manufacturer Location: TBD																	
Administrative Leadtime (<i>in Months</i>): 0														Production Leadtime (<i>in Months</i>): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)								Method of Implementation: Drive In								Installation Name: MR-TCDL Kit															
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		1 / 2.296		- / -		1 / 2.296		- / -		- / -		- / -		- / -		- / -		1 / 2.296								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		5 / 12.290		- / -		- / -		- / -		5 / 12.290								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 10.247		- / -		- / -		4 / 10.247								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 15.806		- / -		6 / 15.806								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		- / -	- / -		- / -		1 / 2.296		- / -		1 / 2.296		- / -		5 / 12.290		4 / 10.247		6 / 15.806		- / -		16 / 40.639								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	2	1	1	-	2	1	1	1	2	1	2	-	16
Out	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	1	2	-	1	1	1	1	2	1	2	1	16

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)			

Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:			

Installation: Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)			Method of Implementation: [none specified]					Installation Name: Lab Equipment				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	1 / 2.208	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.208
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 2.208	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.208

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Out	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	

Installation: Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)			Method of Implementation: Drive In						Installation Name: Training Equipment				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.377	- / -	- / -	- / -	1 / 2.377	
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.874	- / -	- / -	2 / 4.874	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)													
Models of Systems Affected: E-6B										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:													
Installation: Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)										Method of Implementation: Drive In										Installation Name: Training Equipment													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
FY 2017										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete										- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total										- / -		- / -		- / -		- / -		- / -		- / -		1 / 2.377		2 / 4.874		- / -		- / -		3 / 7.251			
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-	-	3		
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-	3		
Installation: Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)																																	
										Method of Implementation: Organic - MR-TCDL Equipment										Installation Quantity: 16													
Installation: Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)																																	
										Method of Implementation: Not Installed - Support Equipment										Installation Quantity: 4													
Footnotes: (29) Increase in MR-TCDL Kit unit cost growth in FY16-FY17 is per cost estimates for future contract award. (30) Increase in Installation Kits N/R cost for FY13 is due to the MR-TCDL program non-recurring effort (NRE) continuing in support of a NRE Kit buy in FY13. (31) Increase in MR-TCDL Equipment unit cost growth in FY16-FY17 is per cost estimates for future contract award. (32) The cost increase in Support Data from FY13 to FY14 is due to additional scope scheduled in FY14. The E-6B MR-TCDL integration in FY14 includes execution of Systems Integration Lab (SIL) systems testing and installation in the NRE aircraft, performance of flight test readiness reviews, and execution of aerodynamic flight test and performance flight testing. There is a significant increase in the scope of data being delivered by the contractor during these events to support execution of NAVAIR flight clearance and test requirements. In addition, Logistics Management Information (LMI) Summary data is being delivered, to include maintenance plans, initial support items list, support equipment requirements list, computer resource requirements, and facility requirements information. This information is required to plan and execute operational testing in FY14/15. All contribute to increases in data support above OSD/OMB inflation rates. (33) Increase in Training Equipment cost in FY16 is to support the MR-TCDL training efforts.																																	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Multi-Role Tactical Common Data Link (MR-TCDL) (OSIP 013-10)
Models of Systems Affected: E-6B	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
⁽³⁴⁾ The cost increase in Integrated Logistics Support (ILS) from FY13 to FY14 is due to additional scope scheduled in FY14. E-6B MR-TCDL integration in FY14 includes execution of Systems Integration Lab (SIL) systems testing and installation in the NRE aircraft, performance of flight test readiness reviews, and execution of aerodynamic flight test and performance flight testing. There is a significant increase in the scope of data being delivered by the contractor during these events to support execution of NAVAIR flight clearance and test requirements. In addition, Logistics Management Information (LMI) Summary data is being delivered, to include maintenance plans, initial support items list, support equipment requirements list, computer resource requirements, and facility requirements information. This information is required to plan and execute operational testing in FY14/15. All contribute to increases in ILS support above OSD/OMB inflation rates. ⁽³⁵⁾ Increase in Other Support cost growth in FY13-FY14 is to support the Installation N/R effort and NRE kit buy in FY13 and installation in FY14. The cost growth in FY17-FY18 is to support the continued kit buy in FY17 and installation in FY18.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Auxiliary Power Unit (APU) (OSIP 002-12)				

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	10.207	13.322	-	13.322	18.878	17.890	33.124	42.630	14.540	150.591
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	10.207	13.322	-	13.322	18.878	17.890	33.124	42.630	14.540	150.591
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	10.207	13.322	-	13.322	18.878	17.890	33.124	42.630	14.540	150.591
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION: Auxiliary Power Unit (APU) corrects Airborne Command Post (ABNCP) Follow-On Operational Test (FOT&E) deficiencies by installing an improved APU to meet increased aircraft power requirements. Modifications includes: APU.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Development FY09-FY13. Prototype aircraft development kit delivered FY11 with installation in FY13. APU production kit buys FY14-FY18 with installs in FY15 to beyond the Fiscal Years Defense Plan (15 aircraft).

Note: The VTT modification was moved from the Auxiliary Power Unit (APU) OSIP 002-12 (formerly Block Recapture) to the Block I OSIP 008-10 starting in FY13.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 8 - Auxiliary Power Unit (APU) (OSIP 002-12)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Auxiliary Power Unit (APU) (OSIP 002-12)												
A Kits												
Recurring												
1.1.1) APU Kit - NonOrganic ⁽³⁶⁾	- / -	- / -	- / -	2 / 1.553	- / -	2 / 1.553	1 / 0.841	2 / 1.851	5 / 4.860	5 / 4.944	- / -	15 / 14.049
Subtotal Recurring	- / -	- / -	- / -	2 / 1.553	- / -	2 / 1.553	1 / 0.841	2 / 1.851	5 / 4.860	5 / 4.944	- / -	15 / 14.049
Non-Recurring												
1.2.1) Installation Kits N/R - NonOrganic	- / -	- / -	- / 4.304	- / 2.265	- / -	- / 2.265	- / -	- / -	- / -	- / -	- / -	- / 6.569
Subtotal Non-Recurring	- / -	- / -	- / 4.304	- / 2.265	- / -	- / 2.265	- / -	- / -	- / -	- / -	- / -	- / 6.569
B Kits												
Recurring												
2.1.1) APU Equipment - Organic ⁽³⁷⁾	- / -	- / -	- / -	2 / 7.042	- / -	2 / 7.042	1 / 3.684	2 / 7.569	5 / 19.662	5 / 19.994	- / -	15 / 57.951
Subtotal Recurring	- / -	- / -	- / -	2 / 7.042	- / -	2 / 7.042	1 / 3.684	2 / 7.569	5 / 19.662	5 / 19.994	- / -	15 / 57.951
Total, Auxiliary Power Unit (APU) (OSIP 002-12)	- / -	- / -	- / 4.304	4 / 10.860	- / -	4 / 10.860	2 / 4.525	4 / 9.420	10 / 24.522	10 / 24.938	- / -	30 / 78.569
Total Procurement, All Modifications	- / -	- / -	- / 4.304	4 / 10.860	- / -	4 / 10.860	2 / 4.525	4 / 9.420	10 / 24.522	10 / 24.938	- / -	30 / 78.569
Support												
3.1) Engineering Change Orders	- / -	- / -	- / 1.687	- / -	- / -	- / -	- / -	- / -	- / 0.656	- / 0.484	- / -	- / 2.827
3.2) Data ⁽³⁸⁾	- / -	- / -	- / 0.102	- / -	- / -	- / -	- / 0.229	- / -	- / 0.203	- / 0.158	- / -	- / 0.692
3.3) Training Equipment	- / -	- / -	- / -	- / -	- / -	- / -	4 / 6.129	- / -	- / -	- / -	- / -	4 / 6.129
3.4) Support Equipment ⁽³⁹⁾	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support ⁽⁴⁰⁾	- / -	- / -	- / 4.114	- / 2.462	- / -	- / 2.462	- / 2.557	- / 2.184	- / 2.113	- / 2.752	- / -	- / 16.182
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	5.903	2.462	-	2.462	8.915	2.184	2.972	3.394	-	25.830
Total Procurement and Support	0.000	-	10.207	13.322	-	13.322	13.440	11.604	27.494	28.332	-	104.399
Auxiliary Power Unit (APU) (OSIP 002-12) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 5.438	- / 6.286	- / 5.630	- / 14.298	- / 14.540	- / 46.192
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 5.438	- / 6.286	- / 5.630	- / 14.298	- / 14.540	- / 46.192
Total Cost (Procurement + Support + Installation)	0.000	-	10.207	13.322	-	13.322	18.878	17.890	33.124	42.630	14.540	150.591

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (Modification Number - Modification Title): 8 - Auxiliary Power Unit (APU) (OSIP 002-12)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Auxiliary Power Unit (APU) (OSIP 002-12)				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Manufacturer Information: Auxiliary Power Unit (APU) (OSIP 002-12)												
Manufacturer Name: TBD						Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 19						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Nov 2013	Nov 2014	Nov 2015	Nov 2016	Nov 2017					
Delivery Dates			Jun 2015	Dec 2015	Dec 2016	Nov 2017	Oct 2018					
Manufacturer Name: TBD-Training Equipment						Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 2						Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates				Nov 2014								
Delivery Dates				Nov 2015								
Installation: Auxiliary Power Unit (APU) (OSIP 002-12)				Method of Implementation: Drive In				Installation Name: APU Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	2 / 5.438	- / -	- / -	- / -	- / -	2 / 5.438
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.772	- / -	- / -	- / -	1 / 2.772
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 5.630	- / -	- / -	2 / 5.630
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 14.298	- / -	5 / 14.298
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 14.540	5 / 14.540
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	2 / 5.438	1 / 2.772	2 / 5.630	5 / 14.298	5 / 14.540	15 / 42.678

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Auxiliary Power Unit (APU) (OSIP 002-12)											
Models of Systems Affected: [No Model Specified]										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Installation: Auxiliary Power Unit (APU) (OSIP 002-12)										Method of Implementation: Drive In										Installation Name: APU Kit											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	1	-	1	-	1	2	1	1	5	15
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	1	-	1	1	1	1	2	5	15
Installation: Auxiliary Power Unit (APU) (OSIP 002-12)										Method of Implementation: [none specified]										Installation Name: Training Equipment											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 3.514	- / -	- / -	4 / 3.514																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 3.514	- / -	- / -	4 / 3.514																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	4
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	4
Installation: Auxiliary Power Unit (APU) (OSIP 002-12)										Method of Implementation: Organic - APU Equipment										Installation Quantity: 15											
Footnotes: (36) Increase in APU Kit unit cost growth in FY15 & FY17 is due to the projected unit cost growth to align with the schedule of the Block I effort (OSIP 008-10).																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Auxiliary Power Unit (APU) (OSIP 002-12)
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
(37) Increase in APU Equipment unit cost growth in FY15 & FY17 is due to the projected unit cost growth to align with the schedule of the Block I effort (OSIP 008-10). (38) Increase in APU Data cost growth in FY14, FY15 & FY17 is due to the projected cost growth to align with the schedule of the Block I effort (OSIP 008-10). (39) Increase in APU Support Equipment unit cost growth in FY15 is due to the projected unit cost growth to align with the schedule of the Block I effort (OSIP 008-10). (40) Increase in APU Other Support cost growth in FY18 is due to the projected cost growth to align with the schedule of the Block I effort (OSIP 008-10).		

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV				

Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	6.094	-	6.094	27.245	26.358	20.962	37.644	55.120	173.423
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	6.094	-	6.094	27.245	26.358	20.962	37.644	55.120	173.423
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	6.094	-	6.094	27.245	26.358	20.962	37.644	55.120	173.423
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION: Family of Advanced Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNVC) replaces obsolete Military Strategic Tactical Relay terminals with improved FAB-T, and installs PNVC to provide specialized secure voice capability over the strategic Advanced Extremely High Frequency satellite communications (SATCOM) system. This modification includes, but not limited to: FAB-T; PNVC.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FAB-T and PNVC contract award FY14. Lab Kit buy and install in FY15. Non-recurring engineering (NRE) in FY14-FY16 with NRE kit buy in FY16 and installation in FY16; production kit buys in FY17 to beyond the Future Years Defense Plan (FYDP) (15 A/C), with installs in FY18 and beyond the FYDP (16 A/C).

Note: The Family of Advanced Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNVC) modification was moved from the Multi-Role Tactical Common Data Link (MR-TCDL) OSIP 013-10 (formerly Block II) to a new OSIP 014-14 titled FAB-T/PNVC.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Number - Modification Title): 9 - Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV)				
Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/ PNV												
A Kits												
Recurring												
1.1.1) FAB-T - NonOrganic ⁽⁴¹⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.729	2 / 1.534	8 / 6.443	5 / 4.228	16 / 12.934
1.1.2) PNVC - NonOrganic ⁽⁴²⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.309	2 / 0.648	8 / 2.723	5 / 1.787	16 / 5.467
1.1.3) Lab - FAB-T - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.696	- / -	- / -	- / -	- / -	1 / 0.696
1.1.4) Lab - PNVC - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.294	- / -	- / -	- / -	- / -	1 / 0.294
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.990	2 / 1.038	4 / 2.182	16 / 9.166	10 / 6.015	34 / 19.391
Non-Recurring												
1.2.1) Installation Kits N/R - Organic ⁽⁴³⁾	- / -	- / -	- / -	- / 3.096	- / -	- / 3.096	- / 21.312	- / 16.278	- / -	- / -	- / -	- / 40.686
Subtotal Non-Recurring	- / -	- / -	- / -	- / 3.096	- / -	- / 3.096	- / 21.312	- / 16.278	- / -	- / -	- / -	- / 40.686
B Kits												
Recurring												
2.1.1) PNVC - Organic ⁽⁴⁴⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.376	2 / 0.789	8 / 3.313	5 / 2.174	16 / 6.652
2.1.2) Lab - PNVC - Organic	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.357	- / -	- / -	- / -	- / -	1 / 0.357
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.357	1 / 0.376	2 / 0.789	8 / 3.313	5 / 2.174	17 / 7.009
Total, Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV	- / -	- / -	- / -	- / 3.096	- / -	- / 3.096	3 / 22.659	3 / 17.692	6 / 2.971	24 / 12.479	15 / 8.189	51 / 67.086
Total Procurement, All Modifications	- / -	- / -	- / -	- / 3.096	- / -	- / 3.096	3 / 22.659	3 / 17.692	6 / 2.971	24 / 12.479	15 / 8.189	51 / 67.086
Support												
3.1) Engineering Change Order	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment ⁽⁴⁵⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.000	1 / 11.991	1 / 12.617	2 / 9.383	4 / 36.991
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.278	- / -	- / 1.278
3.6) Other Support ⁽⁴⁶⁾	- / -	- / -	- / -	- / 2.998	- / -	- / 2.998	- / 3.000	- / 4.000	- / 6.000	- / 4.000	- / 8.000	- / 27.998

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV				

Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	2.998	-	2.998	3.000	7.000	17.991	17.895	17.383	66.267
Total Procurement and Support	0.000	-	-	6.094	-	6.094	25.659	24.692	20.962	30.374	25.572	133.353
Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 1.586	- / 1.666	- / -	- / 7.270	- / 29.548	- / 40.070
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 1.586	- / 1.666	- / -	- / 7.270	- / 29.548	- / 40.070
Total Cost (Procurement + Support + Installation)	0.000	-	-	6.094	-	6.094	27.245	26.358	20.962	37.644	55.120	173.423

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0564 - E-6 Series								Modification Nomenclature (Modification Number - Modification Title): 9 - Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV)															
Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]								Related RDT&E PEs:																			
Manufacturer Information: Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV)																															
Manufacturer Name: TBD														Manufacturer Location: TBD																	
Administrative Leadtime (in Months): 0														Production Leadtime (in Months): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV)														Method of Implementation: Drive In								Installation Name: FAB-T									
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		1 / 1.301		- / -		- / -		- / -		1 / 1.301								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 2.868		- / -		2 / 2.868								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 12.045		8 / 12.045								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 7.904		5 / 7.904								
Total		- / -	- / -		- / -		- / -		- / -		- / -		- / -		1 / 1.301		- / -		2 / 2.868		13 / 19.949		16 / 24.118								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	13	16	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	1	13	16	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV)			

Models of Systems Affected: E-6B				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:			

Installation: Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/PNV)			Method of Implementation: Drive In					Installation Name: PNVC				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.365	- / -	- / -	- / -	1 / 0.365
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.804	- / -	2 / 0.804
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 3.377	8 / 3.377
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 2.216	5 / 2.216
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.365	- / -	2 / 0.804	13 / 5.593	16 / 6.762

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	13	16	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	13	16	

Installation: Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/PNV)			Method of Implementation: Drive In					Installation Name: Lab - FAB-T				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.239	- / -	- / -	- / -	- / -	1 / 1.239

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV)

Models of Systems Affected: E-6B	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/PNV)				Method of Implementation: Drive In				Installation Name: Lab - FAB-T				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.239	- / -	- / -	- / -	- / -	1 / 1.239

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Installation: Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/PNV)				Method of Implementation: Drive In				Installation Name: Lab - PNVC				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.347	- / -	- / -	- / -	- / -	1 / 0.347
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.347	- / -	- / -	- / -	- / -	1 / 0.347

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0564 - E-6 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV)											
Models of Systems Affected: E-6B										Type Modification: [No Modification Type Specified]										Related RDT&E PEs:											
Installation: Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/PNV)										Method of Implementation: Drive In										Installation Name: Lab - PNVC											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Installation: Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/PNV)																															
Method of Implementation: Drive In										Installation Name: Training Equipment																					
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.900	- / -	1 / 1.900																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.698	- / -	1 / 1.698																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.006	2 / 4.006																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.598	2 / 4.006	4 / 7.604																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	4	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	4
Installation: Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/PNV)														Method of Implementation: Organic - PNVC										Installation Quantity: 16							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Family of Adv Beyond-Line-of-Sight Terminals/Presidential and National Voice Conferencing (FAB-T/PNV
Models of Systems Affected: E-6B	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: Family of Adv Beyond-Line-of-Sight Terminals/ Presidential and National Voice Conferencing (FAB-T/PNV	Method of Implementation: Organic - Lab - PNVC	Installation Quantity: 1
Footnotes: (41) Increase in FAB-T Kit unit cost growth in FY17-FY18 is per cost estimates for future contract award. (42) Increase in PNVC Kit unit cost growth in FY17-FY18 is per cost estimates for future contract award. (43) Increase in Installation Kits N/R cost for FY15 is due to the FAB-T and PNVC programs' continued non-recurring effort (NRE) to support the NRE kit buy in FY16. (44) Increase in PNVC Equipment unit cost growth in FY17-FY18 is per cost estimates for future contract award. (45) Increase in Training Equipment cost in FY17 & FY18 is to support the FAB-T and PNVC training efforts. (46) Increase in Other Support cost growth in FY16-FY17 in support of the FAB-T and PNVC production kit buys beginning in FY16.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	445.877	77.511	58.163	85.537	-	85.537	107.661	128.433	88.218	67.316	95.834	1,154.550
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	445.877	77.511	58.163	85.537	-	85.537	107.661	128.433	88.218	67.316	95.834	1,154.550
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	445.877	77.511	58.163	85.537	-	85.537	107.661	128.433	88.218	67.316	95.834	1,154.550

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION: This line item funds modifications to the (11) VH-3D, (8) VH-60N, (1) TH-3D, and (1) TH-60N. These aircraft are assigned to Marine Helicopter Squadron One to support the President of the United States. The VH-60N Cockpit Upgrade consists of an upgrade to all-glass instrumentation. The Communication Suite Upgrade consists of Demand Assigned Multiple Access Satellite Communication radio upgrade, Digital Frequency Modulation radio upgrade, High Frequency radio upgrade, the Presidential redundant secure communications upgrade, Data Transfer capability upgrade, and Crypto Modernization Upgrade. The VH-3D Lift Improvement program consists of the operational level installation of 55 composite main rotor blades on all eleven VH-3Ds. The Structural Enhancement Program consists of the efforts to increase the maximum operating weight of the VH-3D, replace critical aircraft structure on the VH-60N, upgrade the safety of the fuel system on the VH-3D, and a Service Life Extension on the VH-3D and VH-60N. The Obsolescence Management Program will manage impending Executive Helicopter obsolescence issues. A variety of factors will be addressed including communication, navigation, operational weight, safety, and engine upgrades to remain mission relevant. An H-3 and H-60 will be converted to a TH-3D and TH-60N to reduce usage on the VH-3D and VH-60N. This reduction in utilization provides for better availability and enhanced sustainability. The VH-3D Cockpit Upgrade consists of an upgrade to all-glass instrumentation. The overall goal of the modifications budgeted in FY 2013 is to continue procurement efforts in accordance with the procurement strategy to maintain the VH-3D and VH-60N until the VXX Replacement Helicopter becomes fully operationally capable.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - VH-60N COCKPIT UPGRADE (OSIP 009-02)	P3A				138.669			8.941			6.250			5.750			-			5.750
2 - VH COMM UPGRADE (OSIP 014-02)	P3A				70.466			10.115			5.084			3.050			-			3.050

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy														Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:							Other Related Program Elements:								
MDAP/MAIS Code(s):																					
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
3 - VH-3D LIFT IMPROVEMENTS (OSIP 011-06)	P3A				77.190			0.035			-			-			-			-	
4 - VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)	P3A				9.287			5.862			3.576			6.234			-			6.234	
5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	P3A				15.863			30.304			9.294			31.899			-			31.899	
6 - VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)	P3A				7.202			5.300			13.590			15.000			-			15.000	
7 - VH-3D COCKPIT UPGRADE (OSIP 010-12)	P3A				0.000			16.954			20.369			23.604			-			23.604	
8 - Inactive OSIPs	P3A				127.200			-			-			-			-			-	
Total Gross/Weapon System Cost					445.877			77.511			58.163			85.537			-			85.537	
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - VH-60N COCKPIT UPGRADE (OSIP 009-02)	P3A				5.200			1.100			-			-			-			165.910	
2 - VH COMM UPGRADE (OSIP 014-02)	P3A				-			44.000			22.000			-			33.573			188.288	
3 - VH-3D LIFT IMPROVEMENTS (OSIP 011-06)	P3A				-			-			-			-			-			77.225	
4 - VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)	P3A				20.096			19.028			17.029			10.456			3.300			94.868	
5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	P3A				60.015			43.257			26.591			37.626			31.600			286.449	
6 - VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)	P3A				-			-			-			-			-			41.092	
7 - VH-3D COCKPIT UPGRADE (OSIP 010-12)	P3A				22.350			21.048			22.598			19.234			27.361			173.518	
8 - Inactive OSIPs	P3A				-			-			-			-			-			127.200	
Total Gross/Weapon System Cost					107.661			128.433			88.218			67.316			95.834			1,154.550	

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: Changes from FY13 to FY14 are directly related to the reprogramming of funds to support the unplanned requirements associated with keeping the existing fleet of Presidential VH-3's and VH-60's safely operating beyond their originally planned service life until replaced by VXX. Requirements include obsolescence issues and safety improvements such as weight reduction efforts, and structural improvements that are addressed via the Service Life Enhancement Program (SLEP).		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 1 - VH-60N COCKPIT UPGRADE (OSIP 009-02)				
Models of Systems Affected: VH-60N			Type Modification: SAFETY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	138.669	8.941	6.250	5.750	-	5.750	5.200	1.100	-	-	-	165.910
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	138.669	8.941	6.250	5.750	-	5.750	5.200	1.100	-	-	-	165.910
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	138.669	8.941	6.250	5.750	-	5.750	5.200	1.100	-	-	-	165.910
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION: In order to meet the requirement of providing safe and timely transportation for the President, Vice President, and other parties as directed by the Director of the White House Military Office (WHMO), and in support of the alert and contingency mission requirement of the WHMO Operations Plan, the VH-60N aircraft cockpit must be upgraded to provide enhanced communication, navigation, and survivability capabilities while reducing pilot workload. The cockpit upgrade will be an all-glass instrumentation built around pilot, co-pilot, and Communications Systems Operator Multi-Function Displays and Control Display Units. A moving map display complete with terrain database will be incorporated, while maintaining the current capabilities of Tactical Air Navigation, Variable Omni Receiver, Instrument Landing System, Automatic Direction Finding, Traffic Collision Avoidance System, Crash Survivable Fflight Instrument Recorder, FM Immunity, Mode S Identification, Friend or Foe, ALE-47 and ALQ-144. The Survivability capabilities will provide a countermeasure dispenser and an infrared countermeasure system interface. The navigation system should include laser ring gyro Inertial Navigation Systems with embedded Global Positioning System (GPS)-(EGI) that has integrity monitoring/Instrumented Flight Rules. A color weather radar will be incorporated. Communication capabilities must be consistent with White House Communications Agency (WHCA) planning and National Security Agency requirements. Three Ultra High Frequency/Very High Frequency/Frequency Modulation (FM) radios (ARC-210s) shall be included. Four FM radios and the High Frequency with ALE currently on the VH-60N must be maintained. A coupled autopilot function shall be incorporated into the cockpit management system. Preplanned Product Improvement will include Digital Map, Ground Proximity Warning System, Communication, Navigation and Surveillance/ Air Traffic Management, and GPS Non-precision approach (Required Navigation Performance/Required Navigation).												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: This Aquisition Category (ACAT) IV-T program was approved in July 2001. Milestone B was approved November 2003. The program was re-designated as ACAT IV-M in November 2003. Milestone C was approved April 2006. Test bed aircraft modification and first kit procurement began in FY 2006. Installation of 1st production kit began in FY 2008. Development Testing was completed in FY 2009. Full Rate Production approved August 2009. Initial Operating Capability was achieved in February 2010, with Full Operating Capability scheduled for FY 2013. Preplanned Product Improvement efforts began in FY 2009 and will finish in FY 2014.												
Notes:												
1. The VH-60N Standby Instruments will be installed at O-level.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (Modification Number - Modification Title): 1 - VH-60N COCKPIT UPGRADE (OSIP 009-02)
Models of Systems Affected: VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
2. Installs must follow Special Progressive Aircraft Rework schedule.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 1 - VH-60N COCKPIT UPGRADE (OSIP 009-02)				
Models of Systems Affected: VH-60N				Type Modification: SAFETY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
VH-60N COCKPIT UPGRADE (OSIP 009-02)												
A Kits												
Recurring												
1.1.1) VH-60N COCKPIT UPGRADE KIT - NonOrganic (1)	8 / 8.371	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 8.371
1.1.2) VH-60N Standby Instruments - Organic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.400	4 / 0.400	- / -	- / -	- / -	8 / 0.800
Subtotal Recurring	8 / 8.371	- / -	- / -	- / -	- / -	- / -	4 / 0.400	4 / 0.400	- / -	- / -	- / -	16 / 9.171
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 33.183	- / 0.487	- / -	- / 0.500	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / 34.170
Subtotal Non-Recurring	- / 33.183	- / 0.487	- / -	- / 0.500	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / 34.170
B Kits												
Recurring												
2.1.1) Production Equip - Organic	- / 12.680	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.680
2.1.2) VH-60N Standby Instruments - Organic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.300	4 / 0.300	- / -	- / -	- / -	8 / 0.600
Subtotal Recurring	- / 12.680	- / -	- / -	- / -	- / -	- / -	4 / 0.300	4 / 0.300	- / -	- / -	- / -	8 / 13.280
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 21.793	- / -	- / -	- / 0.500	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / 22.293
Subtotal Non-Recurring	- / 21.793	- / -	- / -	- / 0.500	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / 22.293
Total, VH-60N COCKPIT UPGRADE (OSIP 009-02)	8 / 76.027	- / 0.487	- / -	- / 1.000	- / -	- / 1.000	8 / 0.700	8 / 0.700	- / -	- / -	- / -	24 / 78.914
Total Procurement, All Modifications	8 / 76.027	- / 0.487	- / -	- / 1.000	- / -	- / 1.000	8 / 0.700	8 / 0.700	- / -	- / -	- / -	24 / 78.914
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Preplanned Prod Improvement (ECO)	- / 10.649	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.649
3.3) Data	- / 3.044	- / 1.000	- / -	- / -	- / -	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / 5.544
3.4) Training Equipment	- / 4.337	- / -	- / 2.500	- / 0.500	- / -	- / 0.500	- / 0.500	- / -	- / -	- / -	- / -	- / 7.837
3.5) Support Equipment	- / 1.052	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.052
3.6) ILS (2)	- / 0.556	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.556
3.7) Other Support (3)	- / 30.995	- / 4.494	- / 1.500	- / 2.000	- / -	- / 2.000	- / 2.500	- / 0.400	- / -	- / -	- / -	- / 41.889
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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LI 0566 - Executive Helicopters Series
Navy

UNCLASSIFIED
Page 7 of 52

P-1 Line #48

Volume 2 - 851

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VH-60N COCKPIT UPGRADE (OSIP 009-02)															
Models of Systems Affected: VH-60N				Type Modification: SAFETY								Related RDT&E PEs:																			
Manufacturer Information: VH-60N COCKPIT UPGRADE (OSIP 009-02)																															
Manufacturer Name: Sikorsky Aircraft Corporation														Manufacturer Location: Stratford, CT																	
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 13																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: VH-60N COCKPIT UPGRADE (OSIP 009-02)														Method of Implementation: Installation of Cockpit Upgrade during SPAR								Installation Name: VH-60N COCKPIT UPGRADE KIT									
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		5 / 12.009		1 / 1.960		1 / 2.250		1 / 2.250		0 / 0.000		1 / 2.250		- / -		- / -		- / -		- / -		- / -		- / -		8 / 18.469					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		5 / 12.009		1 / 1.960		1 / 2.250		1 / 2.250		- / -		1 / 2.250		- / -		- / -		- / -		- / -		- / -		- / -		8 / 18.469					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	5	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8			
Out	4	-	-	-	1	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	8			
Installation: VH-60N COCKPIT UPGRADE (OSIP 009-02)														Method of Implementation: Organic - VH-60N Standby Instruments								Installation Quantity: 8									
Installation: VH-60N COCKPIT UPGRADE (OSIP 009-02)														Method of Implementation: Organic - VH-60N Standby Instruments								Installation Quantity: 8									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - VH-60N COCKPIT UPGRADE (OSIP 009-02)
Models of Systems Affected: VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
Footnotes: (1) 1. The VH-60N Standby Instruments will be installed at O-level (2) Originally, all work under this OSIP was ending in FY14. Additional funding was added in FY14 and FY15 to implement a new Integrated Standby Instrument System (ISIS). The additional funding in FY14 is to complete the work that was started in previous years to finish fielding CUP with the Preplanned Product Improvement as well as supporting ISIS testing. The additional funding in FY15 is to support ISIS testing as well as field activity support for fielding ISIS. (3) Originally, all work under this OSIP was ending in FY14. Additional funding was added in FY14 and FY15 to implement a new Integrated Standby Instrument System (ISIS). The additional funding in FY14 is to complete the work that was started in previous years to finish fielding CUP with the Preplanned Product Improvement as well as supporting ISIS testing. The additional funding in FY15 is to support ISIS testing as well as field activity support for fielding ISIS.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 2 - VH COMM UPGRADE (OSIP 014-02)				
Models of Systems Affected: VH-60N/VH-3D			Type Modification: SAFETY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	70.466	10.115	5.084	3.050	-	3.050	-	44.000	22.000	-	33.573	188.288
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	70.466	10.115	5.084	3.050	-	3.050	-	44.000	22.000	-	33.573	188.288
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	70.466	10.115	5.084	3.050	-	3.050	-	44.000	22.000	-	33.573	188.288
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION: DESCRIPTION/JUSTIFICATION The White House Military Office (WHMO) has directed the upgrade to the data transfer computer and printer on board the VH-60N, which is required to transmit, receive, and print secure data files via the Satellite Communication (SATCOM) and High Frequency (HF) radios. Satisfaction of the Data Transfer Computer/Printer requirement will require the procurement of a compatible TEMPEST certified data transfer computer and printer. WHMO has also directed that Very High Frequency Frequency Modulation (FM) radios operate in the APCO-25 digital mode. New radios must be procured in order to meet this requirement. Joint Chiefs of Staff Directive MJCS-63-89 states that all users of Ultra High Frequency SATCOM shall have demand assigned multiple access (DAMA) capability. The White House Communication Agency (WHCA) has directed that all WHMO elements be connected and have the ability to operate in the DAMA mode by 2005. Satisfaction of the DAMA SATCOM requirement will require the incorporation of two DAMA capable radios in each aircraft to satisfy the need for full duplex communication. An install kit will be built to house the radio, amplifier, and aircraft interface module, and then it will be installed in the aircraft as one unit. WHCA has also directed that all WHMO elements have the ability to operate in the HF/Automatic Link Establishment (ALE) mode by 2007. To meet the HF/ALE requirement, software modifications to the Operational Flight Program (OFP) must be completed to fully utilize all ALE capabilities of the current HF radio. OFP software will be modified by Naval Air Warfare Center Aircraft Division (NAWC-AD) to allow new systems to work in the aircraft. The FM (YZ) radio replacement is required in order to have a redundant secure voice capability due to the obsolescence of the YZ radio system employed by WHCA. An upgrade to all radios is required to maintain crypto security requirements. Required upgrades vary from software/firmware mods to the replacement of multiple radios on the VH-3D/VH-60N. Additionally, in support of the Senior Leaders Communications, a wideband system is required. A new radio, antenna, associated accessories, and aircraft integration will be required for this effort.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: This program was approved as an Abbreviated Acquisition Program in July 2001. Program was upgraded to Acquisition Category IV-M in March 2003 and was completed in 2012. Digital FM was completed in FY 2005. The HF/ALE modification was completed in FY 2009. FM radio replacement was completed in FY 2009. The Crypto modernization effort for both aircraft began in FY 2010 and continues through FY 2014. All performance testing and Electro Magnetic Compatibility/Electro Magnetic Interference testing will be performed by NAWC-AD. Validation/Verification will be performed by HMX-1 to ensure interoperability with all WHMO elements. Remaining work is being conducted under an engineering change proposal (ECP).												
Notes:												
1. All Crypto installed at O level, except for Crypto ARC-210 VH-3D.												
2. Crypto - ARC 210 Satcom VH-3D/60N A and B Kits include three (3) lab assets, two (2) test aircraft and two (2) trainer aircraft.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - VH COMM UPGRADE (OSIP 014-02)
Models of Systems Affected: VH-60N/VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
3. Crypto - ARC 210 VH-60N B kits are plug and play, requiring no A kits. Quantities include one (1) lab asset, one (1) test aircraft and one (1) trainer aircraft. 4. Crypto - ARC 210 VH-3D B kits have a lead time of twelve (12) months. The A kit purchases will be staggered, such that A and B kits will be delivered at the same time. Quantities include two (2) lab assets, one (1) test aircraft and one (1) trainer aircraft. 5. VH-3D/VH-60N Communication Upgrade NRE for B kits include two (2) test aircraft and five (5) lab assets.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 2 - VH COMM UPGRADE (OSIP 014-02)					
Models of Systems Affected: VH-60N/VH-3D				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
VH COMM UPGRADE (OSIP 014-02)													
A Kits													
Recurring													
1.1.1) CRYPTO - ARC 210 SATCOM VH-3D/60N - Organic ⁽⁴⁾	21 / 0.420	5 / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 0.520	
1.1.2) CRYPTO - ARC-210 VH-3D - NonOrganic ⁽⁵⁾	1 / 0.024	10 / 0.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.674	
1.1.3) FM Radio Replacement (O-level) - Organic	19 / 0.162	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 0.162	
1.1.4) SATCOM (O-level) - Organic	4 / 0.493	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.493	
1.1.5) VH Digital FM - Organic	28 / 0.997	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.997	
1.1.6) VH-3D SATCOM - Organic	11 / 0.601	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.601	
1.1.7) VH-60 SATCOM - Organic	8 / 1.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.252	
1.1.8) VH-3D Communication Upgrade - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 6.824	10 / 6.824	
1.1.9) VH-60 Communication Upgrade - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 4.776	7 / 4.776	
Subtotal Recurring	92 / 3.949	15 / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 11.600	124 / 16.299	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 11.388	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / 33.050	- / 8.000	- / -	- / -	- / 52.838	
Subtotal Non-Recurring	- / 11.388	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / 33.050	- / 8.000	- / -	- / -	- / 52.838	
B Kits													
Recurring													
2.1.1) CRYPTO - ARC-210 SATCOM VH-3D/60N - Organic	21 / 3.375	5 / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 4.275	
2.1.2) CRYPTO - ARC 210 VH-60N - Organic	11 / 2.747	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 2.747	
2.1.3) CRYPTO - ARC 210 VH-3D - Organic	15 / 3.674	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 3.674	
2.1.4) Data Transfer Computer/Printer - Organic	8 / 0.154	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.154	
2.1.5) Digital FM - Organic	21 / 0.305	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 0.305	
2.1.6) FM Radio Replacement - Organic	19 / 0.390	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 0.390	
2.1.7) SATCOM - Organic	27 / 3.568	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 3.568	
2.1.8) PY Install Amount - Organic	- / 4.950	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.950	
2.1.9) VH-3D/VH-60N Communications Upgrade - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 4.200	- / -	13 / 9.273	19 / 13.473	
Subtotal Recurring	122 / 19.163	5 / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	6 / 4.200	- / -	13 / 9.273	146 / 33.536	
Non-Recurring													

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 2 - VH COMM UPGRADE (OSIP 014-02)				
Models of Systems Affected: VH-60N/VH-3D			Type Modification: SAFETY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.2.1) Installation Equipment N/R - Organic	- / 7.064	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.500	- / -	- / -	- / -	- / 10.564
Subtotal Non-Recurring	- / 7.064	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.500	- / -	- / -	- / -	- / 10.564
Total, VH COMM UPGRADE (OSIP 014-02)	214 / 41.564	20 / 2.050	- / -	- / -	- / -	- / -	- / -	- / 36.550	6 / 12.200	- / -	30 / 20.873	270 / 113.237
Total Procurement, All Modifications	214 / 41.564	20 / 2.050	- / -	- / -	- / -	- / -	- / -	- / 36.550	6 / 12.200	- / -	30 / 20.873	270 / 113.237
Support												
3.1) Engineering Change Order	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Crypto (ECO)	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Pre-Planned Producct Improvements (ECO)	- / 1.575	- / 0.313	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.888
3.4) Data Transfer (ECO)	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300
3.5) Digital FM (ECO)	- / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.700
3.6) FM Radio Replacement (ECO)	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) SATCOM (ECO)	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.8) Data	- / 5.045	- / 2.596	- / 1.000	- / 0.350	- / -	- / 0.350	- / -	- / -	- / 1.000	- / -	- / 1.000	- / 10.991
3.9) Training Equipment	- / 0.694	- / -	- / 1.200	- / 0.500	- / -	- / 0.500	- / -	- / -	- / 1.500	- / -	- / 1.000	- / 4.894
3.10) Support Equipment	- / 2.675	- / 0.500	- / 0.584	- / 0.300	- / -	- / 0.300	- / -	- / 0.550	- / 0.200	- / -	- / 0.100	- / 4.909
3.11) ILS	- / -	- / -	- / -	- / 0.850	- / -	- / 0.850	- / -	- / 1.000	- / 0.200	- / -	- / 0.100	- / 2.150
3.12) Other Support	- / 17.913	- / 4.656	- / 1.668	- / 0.523	- / -	- / 0.523	- / -	- / 5.900	- / 6.900	- / -	- / 4.000	- / 41.560
3.13) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	28.902	8.065	4.452	2.523	-	2.523	-	7.450	9.800	-	6.200	67.392
Total Procurement and Support	70.466	10.115	4.452	2.523	-	2.523	-	44.000	22.000	-	27.073	180.629
VH COMM UPGRADE (OSIP 014-02) Installation Cost	- / 0.000	- / -	- / 0.632	- / 0.527	- / -	- / 0.527	- / -	- / -	- / -	- / -	- / 6.500	- / 7.659
Total Installation Cost	- / 0.000	- / -	- / 0.632	- / 0.527	- / -	- / 0.527	- / -	- / -	- / -	- / -	- / 6.500	- / 7.659
Total Cost (Procurement + Support + Installation)	70.466	10.115	5.084	3.050	-	3.050	-	44.000	22.000	-	33.573	188.288

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VH COMM UPGRADE (OSIP 014-02)					
Models of Systems Affected: VH-60N/VH-3D				Type Modification: SAFETY				Related RDT&E PEs:					
Manufacturer Information: VH COMM UPGRADE (OSIP 014-02)													
Manufacturer Name: Sikorsky Aircraft Corp - Crypto ARC 210 VH-3D							Manufacturer Location: Stratford, CT						
Administrative Leadtime (<i>in Months</i>): 9							Production Leadtime (<i>in Months</i>): 10						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates	Jun 2012												
Delivery Dates	Apr 2013												
Manufacturer Name: Sikorsky Aircraft Corp -- VH-3D Communications Upgrade							Manufacturer Location: Stratford, CT						
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates													
Delivery Dates													
Manufacturer Name: Sikorsky Aircraft Corp - VH-60 Communications Upgrade							Manufacturer Location: Stratford, CT						
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 12						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018						
Contract Dates													
Delivery Dates													
Installation: VH COMM UPGRADE (OSIP 014-02)				Method of Implementation: Contractor Field Mod Team				Installation Name: CRYPTO - ARC-210 VH-3D					
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
All Prior Years	- / -	- / -	1 / 0.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.105	
FY 2012	- / -	- / -	5 / 0.527	5 / 0.527	- / -	5 / 0.527	- / -	- / -	- / -	- / -	- / -	10 / 1.054	
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total	- / -	- / -	6 / 0.632	5 / 0.527	- / -	5 / 0.527	- / -	- / -	- / -	- / -	- / -	11 / 1.159	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - VH COMM UPGRADE (OSIP 014-02)

Models of Systems Affected: VH-60N/VH-3D										Type Modification: SAFETY										Related RDT&E PEs:									

Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Contractor Field Mod Team										Installation Name: CRYPTO - ARC-210 VH-3D									

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Out	-	-	-	-	-	-	-	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11

Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Contractor Field Mod - Team										Installation Name: VH-3D Communication Upgrade									

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 3.830	10 / 3.830
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 3.830	10 / 3.830

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	

Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Contractor Field Mod Team										Installation Name: VH-60 Communication Upgrade									

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VH COMM UPGRADE (OSIP 014-02)												
Models of Systems Affected: VH-60N/VH-3D										Type Modification: SAFETY										Related RDT&E PEs:												
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Contractor Field Mod Team										Installation Name: VH-60 Communication Upgrade												
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																				
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																				
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 2.670	7 / 2.670																				
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 2.670	7 / 2.670																				
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	
Installation: VH COMM UPGRADE (OSIP 014-02)													Method of Implementation: Organic - CRYPTO - ARC 210 SATCOM VH-3D/60N										Installation Quantity: 26									
Installation: VH COMM UPGRADE (OSIP 014-02)													Method of Implementation: Organic - FM Radio Replacement (O-level)										Installation Quantity: 19									
Installation: VH COMM UPGRADE (OSIP 014-02)													Method of Implementation: Organic - SATCOM (O-level)										Installation Quantity: 4									
Installation: VH COMM UPGRADE (OSIP 014-02)													Method of Implementation: Organic - VH Digital FM										Installation Quantity: 28									
Installation: VH COMM UPGRADE (OSIP 014-02)													Method of Implementation: Organic - VH-3D SATCOM										Installation Quantity: 11									
Installation: VH COMM UPGRADE (OSIP 014-02)													Method of Implementation: Organic - VH-60 SATCOM										Installation Quantity: 8									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - VH COMM UPGRADE (OSIP 014-02)
Models of Systems Affected: VH-60N/VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Organic - CRYPTO - ARC-210 SATCOM VH-3D/60N	Installation Quantity: 26
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Organic - CRYPTO - ARC 210 VH-60N	Installation Quantity: 11
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Organic - CRYPTO - ARC 210 VH-3D	Installation Quantity: 15
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Organic - Data Transfer Computer/ Printer	Installation Quantity: 8
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Organic - Digital FM	Installation Quantity: 21
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Organic - FM Radio Replacement	Installation Quantity: 19
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Organic - SATCOM	Installation Quantity: 27
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Organic - VH-3D/VH-60N Communications Upgrade	Installation Quantity: 19
Footnotes: ⁽⁴⁾ 1. All Crypto installed at O level, except for Crypto ARC-210 VH-3D. 2. Crypto - ARC 210 Satcom VH-3D/60N A and B Kits include three (3) lab assets, two (2) test aircraft and two (2) trainer aircraft. 3. Crypto - ARC 210 VH-60N B kits are plug and play, requiring no A kits. Quantities include one (1) lab asset, one (1) test aircraft and one (1) trainer aircraft. 4. Crypto - ARC 210 VH-3D B kits have a lead time of twelve (12) months. The A kit purchases will be staggered, such that A and B kits will be delivered at the same time. Quantities include two (2) lab assets, one (1) test aircraft and one (1) trainer aircraft. 5. VH-3D/VH-60N Communication Upgrade NRE for B kits include two (2) test aircraft and five (5) lab assets. ⁽⁵⁾ All Crypto installed at O level with the exception of Crypto ARC-210 VH-3D, which will be installed within HMX-1 by a field mod team due to cost and schedule.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VH-3D LIFT IMPROVEMENTS (OSIP 011-06)			

Models of Systems Affected: VH-3D				Type Modification: SAFETY				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	77.190	0.035	-	-	-	-	-	-	-	-	-	77.225
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	77.190	0.035	-	-	-	-	-	-	-	-	-	77.225
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	77.190	0.035	-	-	-	-	-	-	-	-	-	77.225
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION: The VH-3D Lift Improvement program consists of the operational level install of 55 composite main rotor blades on all eleven VH-3D aircraft. These blades will improve performance allowing increased passengers and fuel loads. Composite blades reduce the torque required to hover and for level flight, reduce vibrations and reduce structural loads. The VH-3D is the only aircraft in the inventory using metal blades.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Flight Test for the procurement of the VH-3D composite main rotor blades did take place in the 1st and 2nd quarter of FY 2008. Procurement and operational install of these blades occurred in FY 2011. The blades are being individually procured vice procured as entire shipsets.

Notes:

1. Blades will be installed at the O level
2. Quantities include 10 validation/verification blades.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 3 - VH-3D LIFT IMPROVEMENTS (OSIP 011-06)					
Models of Systems Affected: VH-3D				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
VH-3D LIFT IMPROVEMENTS (OSIP 011-06)													
A Kits													
Recurring													
1.1.1) Blade Kit - Organic ⁽⁶⁾	65 / 0.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 0.123	
Subtotal Recurring	65 / 0.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 0.123	
B Kits													
Recurring													
2.1.1) Blade Equip - Organic	65 / 25.082	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 25.082	
Subtotal Recurring	65 / 25.082	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 25.082	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 43.897	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 43.897	
Subtotal Non-Recurring	- / 43.897	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 43.897	
Total, VH-3D LIFT IMPROVEMENTS (OSIP 011-06)	130 / 69.102	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	130 / 69.102	
Total Procurement, All Modifications	130 / 69.102	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	130 / 69.102	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	65 / 1.741	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 1.741	
3.3) Training Equipment	- / 0.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.028	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.047	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.047	
3.6) Other Support	- / 6.272	- / 0.035	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.307	
3.7) Interim Contactor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	8.088	0.035	-	-	-	-	-	-	-	-	-	8.123	
Total Procurement and Support	77.190	0.035	-	-	-	-	-	-	-	-	-	77.225	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	77.190	0.035	-	-	-	-	-	-	-	-	-	77.225	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - VH-3D LIFT IMPROVEMENTS (OSIP 011-06)	
Models of Systems Affected: VH-3D			Type Modification: SAFETY			Related RDT&E PEs:	
Manufacturer Information: VH-3D LIFT IMPROVEMENTS (OSIP 011-06)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: VH-3D LIFT IMPROVEMENTS (OSIP 011-06)			Method of Implementation: Organic - Blade Kit			Installation Quantity: 65	
Installation: VH-3D LIFT IMPROVEMENTS (OSIP 011-06)			Method of Implementation: Organic - Blade Equip			Installation Quantity: 65	
Installation: VH-3D LIFT IMPROVEMENTS (OSIP 011-06)			Method of Implementation: Organic - Data			Installation Quantity: 65	
Footnotes: ⁽⁶⁾ 1. Blades will be installed at the O level 2. Quantities include 10 val/ver blades.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)				
Models of Systems Affected: VH-3D/VH-60N			Type Modification: SAFETY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	9.287	5.862	3.576	6.234	-	6.234	20.096	19.028	17.029	10.456	3.300	94.868
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	9.287	5.862	3.576	6.234	-	6.234	20.096	19.028	17.029	10.456	3.300	94.868
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	9.287	5.862	3.576	6.234	-	6.234	20.096	19.028	17.029	10.456	3.300	94.868
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: The VH Structural Enhancements Program consists of the necessary efforts to extend the service lives of the VH-3D and VH-60N. Due to the cancellation of the VH-71 program, additional service life is required of the current VH-3D and VH-60N fleet. In order to meet these requirements, a Service Life Extension Program (SLEP) has been established. The SLEP program will implement upgrades identified in the Service Life Assessment Program, as well as safety upgrades to the VH-3D fuel system. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Non-Recurring Engineering for the VH-3D and VH-60N Service Life Extensions begin in FY 2012. Notes: 1. VH-3D Fuel Upgrade A & B kit quantity includes one (1) Validation/Verification kit. 2. Installs must follow Special Progressive Aircraft Rework schedule												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 4 - VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)				
Models of Systems Affected: VH-3D/VH-60N			Type Modification: SAFETY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)												
A Kits												
Recurring												
1.1.1) VH-60N SLEP Kits - NonOrganic ⁽⁷⁾	- / -	- / -	1 / 0.159	1 / 0.161	- / -	1 / 0.161	2 / 0.328	2 / 0.334	2 / 0.339	- / -	- / -	8 / 1.321
1.1.2) VH-3D SLEP Kits - NonOrganic	- / -	- / -	2 / 0.529	2 / 0.538	- / -	2 / 0.538	4 / 1.094	3 / 0.834	- / -	- / -	- / -	11 / 2.995
1.1.3) VH-3D Fuel Upgrade Kits - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.300	3 / 0.300	3 / 0.300	3 / 0.300	- / -	12 / 1.200
Subtotal Recurring	- / -	- / -	3 / 0.688	3 / 0.699	- / -	3 / 0.699	9 / 1.722	8 / 1.468	5 / 0.639	3 / 0.300	- / -	31 / 5.516
Non-Recurring												
1.2.1) Installation Kits N/R - Organic ⁽⁸⁾	- / 3.746	- / 2.499	- / 0.250	- / 0.450	- / -	- / 0.450	- / 0.085	- / 0.085	- / -	- / -	- / -	- / 7.115
Subtotal Non-Recurring	- / 3.746	- / 2.499	- / 0.250	- / 0.450	- / -	- / 0.450	- / 0.085	- / 0.085	- / -	- / -	- / -	- / 7.115
B Kits												
Recurring												
2.1.1) VH-3D Fuel Upgrade Equipment - Organic	- / -	- / -	- / -	- / -	- / -	- / -	3 / 2.100	3 / 2.100	3 / 2.100	3 / 2.100	- / -	12 / 8.400
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	3 / 2.100	3 / 2.100	3 / 2.100	3 / 2.100	- / -	12 / 8.400
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic ⁽⁹⁾	- / -	- / 0.555	- / 0.350	- / 0.550	- / -	- / 0.550	- / 0.115	- / 0.115	- / -	- / -	- / -	- / 1.685
Subtotal Non-Recurring	- / -	- / 0.555	- / 0.350	- / 0.550	- / -	- / 0.550	- / 0.115	- / 0.115	- / -	- / -	- / -	- / 1.685
Total, VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)	- / 3.746	- / 3.054	3 / 1.288	3 / 1.699	- / -	3 / 1.699	12 / 4.022	11 / 3.768	8 / 2.739	6 / 2.400	- / -	43 / 22.716
Total Procurement, All Modifications	- / 3.746	- / 3.054	3 / 1.288	3 / 1.699	- / -	3 / 1.699	12 / 4.022	11 / 3.768	8 / 2.739	6 / 2.400	- / -	43 / 22.716
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / -	- / 0.205	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.205
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS ⁽¹⁰⁾	- / -	- / 0.308	- / 0.439	- / 0.448	- / -	- / 0.448	- / 0.856	- / -	- / -	- / -	- / -	- / 2.051
3.6) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) Other Support ⁽¹¹⁾	- / 5.541	- / 2.295	- / 1.849	- / 2.087	- / -	- / 2.087	- / 5.218	- / 2.960	- / 3.990	- / 3.756	- / 3.000	- / 30.696
Total Support, All Modifications	5.541	2.808	2.288	2.535	-	2.535	6.074	2.960	3.990	3.756	3.000	32.952

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series					Modification Nomenclature (Modification Number - Modification Title): 4 - VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)			
Models of Systems Affected: VH-3D/VH-60N			Type Modification: SAFETY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement and Support	9.287	5.862	3.576	4.234	-	4.234	10.096	6.728	6.729	6.156	3.000	55.668
VH STRUCTURAL ENHANCEMENTS (OSIP 016-08) Installation Cost	- / 0.000	- / -	- / -	- / 2.000	- / -	- / 2.000	- / 10.000	- / 12.300	- / 10.300	- / 4.300	- / 0.300	- / 39.200
Total Installation Cost	- / 0.000	- / -	- / -	- / 2.000	- / -	- / 2.000	- / 10.000	- / 12.300	- / 10.300	- / 4.300	- / 0.300	- / 39.200
Total Cost (Procurement + Support + Installation)	9.287	5.862	3.576	6.234	-	6.234	20.096	19.028	17.029	10.456	3.300	94.868

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)				
Models of Systems Affected: VH-3D/VH-60N			Type Modification: SAFETY				Related RDT&E PEs:					
Manufacturer Information: VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)												
Manufacturer Name: Sikorsky Aircraft Corporation - VH Service Life Extension Program ⁽¹²⁾							Manufacturer Location: Stratford, CT					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 13					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016						
Delivery Dates		Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018						
Manufacturer Name: Sikorsky Aircraft Corp - VH3D Fuel Upgrade Kit ⁽¹³⁾							Manufacturer Location: Stratford, CT					
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 13					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates				Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Delivery Dates				Jan 2016	Jan 2017	Jan 2018	Jan 2019					
Installation: VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)			Method of Implementation: Installation of VH SLEP - Structural Enhancements during SPAR					Installation Name: VH Structural Enhancements				
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	1 / 2.000	- / -	1 / 2.000	2 / 4.000	- / -	- / -	- / -	- / -	3 / 6.000
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	3 / 6.000	- / -	- / -	- / -	- / -	3 / 6.000
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 12.000	- / -	- / -	- / -	6 / 12.000
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 10.000	- / -	- / -	5 / 10.000
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.000	- / -	2 / 4.000
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	1 / 2.000	- / -	1 / 2.000	5 / 10.000	6 / 12.000	5 / 10.000	2 / 4.000	- / -	19 / 38.000

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)												
Models of Systems Affected: VH-3D/VH-60N										Type Modification: SAFETY										Related RDT&E PEs:												
Installation: VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)										Method of Implementation: Installation of VH SLEP - Structural Enhancements during SPAR										Installation Name: VH Structural Enhancements												
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	2	1	1	1	2	2	-	1	2	2	-	-	2	-	-	19
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	2	1	1	1	2	2	-	-	2	-	-	5	19	

Installation: VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)										Method of Implementation: Installation of VH-3D Fuel Upgrades during SPAR										Installation Name: VH-3D Fuel Upgrade Kits							
		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total														
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)														
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.300	- / -	- / -	- / -	3 / 0.300														
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.300	- / -	- / -	3 / 0.300														
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.300	- / -	3 / 0.300														
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.300	3 / 0.300														
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.300	3 / 0.300	3 / 0.300	3 / 0.300	12 / 1.200														

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	1	-	1	1	1	3	12
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	1	-	6	12

Installation: VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)										Method of Implementation: Organic - VH-3D Fuel Upgrade Equipment										Installation Quantity: 12							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - VH STRUCTURAL ENHANCEMENTS (OSIP 016-08)
Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
Footnotes: (7) 1. VH-3D Fuel Upgrade A & B kit quantity includes one (1) Validation/Verification kit. * Installs must follow SPAR schedule (8) VH-3D Fuel Systems Upgrade A Kit NRE. Funded across 2 years with more effort being done in the second year. (9) VH-3D Fuel Systems Upgrade B Kit NRE. Funded across 2 years with more effort being done in the second year. (10) FY14 & FY15 products are sequential and unique products. FY14 funds pay for the Logistics Analyses for VH-3D Fuel System Upgrades as well supportability design interface. In FY15 these data are integrated into the VH-3D Logistics Management Information (LMI) with Maintenance Task Development for operations & maintenance manuals and tool modification determination and SLEP changes. (11) Labor support of VH-3D, VH-60 SLEP and Fuel System Upgrade. Funding levels align to properly execute installations, test activities and other tasks from previous year NRE. (12) * Installs must follow SPAR schedule (13) * Installs must follow SPAR schedule		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)				
Models of Systems Affected: VH-3D/VH-60N			Type Modification: SAFETY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	15.863	30.304	9.294	31.899	-	31.899	60.015	43.257	26.591	37.626	31.600	286.449
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	15.863	30.304	9.294	31.899	-	31.899	60.015	43.257	26.591	37.626	31.600	286.449
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	15.863	30.304	9.294	31.899	-	31.899	60.015	43.257	26.591	37.626	31.600	286.449
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION: This Operational, Safety, and Improvement Program provides for the readiness of the VH-3D and VH-60N Presidential Helicopters. The projected end of service for the VH-3D and VH-60N is now expected to extend beyond 2020. Funds will be utilized to manage and prepare, process, and incorporate Engineering Change Proposals (ECP) and implement changes to sustain and improve all Executive Helicopter Series system readiness including safety, mission availability, structural integrity, and component (avionics/systems) reliability, maintainability, operational weight, performance, and obsolescence conditions as they arise. This program contains the following efforts: Conversion of VH-60N and VH-3D engines. Non-recurring engineering (NRE) efforts will include multiple ECPs for change kits, integration testing and Integrated Logistics Support (ILS) updates. Recurring efforts include installation kits, installation equipment and installations. Replace/upgrade the ILS Avionics test benches used to support VH unique avionics. Effort will install new operating systems, replace obsolete components and core computers, test equipment and basic test program hardware. The Performance Upgrade replaces VH-60N main rotor blades. Effort installs wide cord main rotor blades for improved performance. Replace/upgrade the cabin interiors for both the VH-3D and VH-60N. Effort will upgrade VH interior by replacing components to reduce aircraft operational weight. The VH Comms Upgrade replaces obsolete communication systems and enhances the quality of voice and data transfer in both the VH-3D and VH-60N platforms. The VH-3D Very Important Person (VIP) Seat Upgrade will replace the VIP seat currently on the aircraft in order to meet required crashworthiness standards.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: NRE for the VH-60N T700-401C engine conversions began in FY 2010. This modification will cover 24 engine upgrades for 8 installations on VH-60N helicopters. 3 T700-401C engines are required per aircraft. NRE for the VH-3D T-58-400C engine conversion begins in FY 2015. This modification will cover 36 engine upgrades for 12 installations on VH-3D helicopters, and one test cell. 3 T-58-400C engines are required per aircraft, except for the VH-3D training aircraft which will require only two. NRE efforts for the VH Comms Upgrade and the VH-3D VIP Seat Upgrade are to begin in FY 2018.

Notes:

- Engine A-Kit quantity allows for 8 VH60Ns, and 12 VH3Ds (including one VH3D test a/c).
- Engine B-Kit quantity includes additional end items, which will not be part of initial installation.
- VH-3D / T-58-400C engine B-kit in FY14 will be used on test cell, not installed onto an aircraft.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)
Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
4. 3 Enhanced Digital Engine Control Units (EDECU) are required in FY 2011 for the VH-60N Test Aircraft. 5. Avionics kits will be installed at the O level 6. VH Cabin Interior Redesign modifications include both the VH-3D and the VH-60N. 7. Performance Upgrade Kit allows for one A-kit per a/c. Performance Upgrade Equip allows for four B-kits (blades) per a/c. 8. Performance Upgrade kits will be installed at the O level.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)					
Models of Systems Affected: VH-3D/VH-60N				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)													
A Kits													
Recurring													
1.1.1) Engines Kit- VH-60N - NonOrganic ⁽¹⁴⁾	- / -	- / -	5 / 0.393	3 / 0.236	- / -	3 / 0.236	- / -	- / -	- / -	- / -	- / -	8 / 0.629	
1.1.2) Engines Kit -VH-3D - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.200	2 / 0.400	9 / 1.800	12 / 2.400	
1.1.3) Avionics Kit - Organic ⁽¹⁵⁾	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.645	2 / 0.844	1 / 0.421	- / -	- / -	5 / 1.910	
1.1.4) Performance Upgrade Kit - Organic	- / -	- / -	- / -	1 / 0.020	- / -	1 / 0.020	1 / 0.020	3 / 0.060	2 / 0.040	2 / 0.040	- / -	9 / 0.180	
1.1.5) VH-3D Cabin Interior Redesign Kit - NonOrganic	- / -	- / -	- / -	1 / 0.100	- / -	1 / 0.100	3 / 0.300	3 / 0.300	2 / 0.200	2 / 0.200	- / -	11 / 1.100	
1.1.6) VH-60N Cabin Interior Redesign Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.400	2 / 0.400	2 / 0.400	2 / 0.400	- / -	8 / 1.600	
Subtotal Recurring	- / -	- / -	5 / 0.393	5 / 0.356	- / -	5 / 0.356	8 / 1.365	10 / 1.604	8 / 1.261	8 / 1.040	9 / 1.800	53 / 7.819	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic ⁽¹⁶⁾	- / 2.112	- / 6.816	- / 1.104	- / 7.000	- / -	- / 7.000	- / 11.864	- / 6.300	- / 1.000	- / 4.300	- / 1.300	- / 41.796	
Subtotal Non-Recurring	- / 2.112	- / 6.816	- / 1.104	- / 7.000	- / -	- / 7.000	- / 11.864	- / 6.300	- / 1.000	- / 4.300	- / 1.300	- / 41.796	
B Kits													
Recurring													
2.1.1) Engines Conversion Equip - VH-60N - Organic	6 / 1.899	12 / 3.798	6 / 2.011	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 7.708	
2.1.2) Engines Conversion Equip - VH-3D - Organic	- / -	- / -	- / -	1 / 0.800	- / -	1 / 0.800	- / -	- / -	3 / 2.400	6 / 4.800	26 / 20.800	36 / 28.800	
2.1.3) Enhanced Digital Engine Control Unit - Organic	6 / 0.155	6 / 0.155	12 / 0.224	3 / 0.078	- / -	3 / 0.078	- / -	- / -	- / -	- / -	- / -	27 / 0.612	
2.1.4) Avionics Equip - Organic ⁽¹⁷⁾	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.400	2 / 0.454	1 / 0.226	- / -	- / -	5 / 1.080	
2.1.5) Performance Upgrade Equipment - Organic	- / -	- / -	- / -	4 / 0.720	- / -	4 / 0.720	4 / 0.720	12 / 2.160	8 / 1.440	8 / 1.440	- / -	36 / 6.480	
2.1.6) VH-3D Cabin Interior Redesign Equipment - Organic	- / -	- / -	- / -	1 / 0.350	- / -	1 / 0.350	3 / 1.050	3 / 1.050	2 / 0.700	2 / 0.700	- / -	11 / 3.850	
2.1.7) VH-60N Cabin Interior Redesign Equipment - Organic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.200	2 / 1.200	2 / 1.200	2 / 1.200	- / -	8 / 4.800	
Subtotal Recurring	12 / 2.054	18 / 3.953	18 / 2.235	9 / 1.948	- / -	9 / 1.948	11 / 3.370	19 / 4.864	16 / 5.966	18 / 8.140	26 / 20.800	147 / 53.330	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic ⁽¹⁸⁾	- / -	- / 9.200	- / 2.400	- / 13.100	- / -	- / 13.100	- / 14.312	- / 6.600	- / 1.142	- / 8.595	- / 2.600	- / 57.949	
Subtotal Non-Recurring	- / -	- / 9.200	- / 2.400	- / 13.100	- / -	- / 13.100	- / 14.312	- / 6.600	- / 1.142	- / 8.595	- / 2.600	- / 57.949	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)				
Models of Systems Affected: VH-3D/VH-60N			Type Modification: SAFETY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total, OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	12 / 4.166	18 / 19.969	23 / 6.132	14 / 22.404	- / -	14 / 22.404	19 / 30.911	29 / 19.368	24 / 9.369	26 / 22.075	35 / 26.500	200 / 160.894
Total Procurement, All Modifications	12 / 4.166	18 / 19.969	23 / 6.132	14 / 22.404	- / -	14 / 22.404	19 / 30.911	29 / 19.368	24 / 9.369	26 / 22.075	35 / 26.500	200 / 160.894
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Data	- / 0.218	- / 1.825	- / -	- / -	- / -	- / -	- / 6.000	- / 4.000	- / 1.700	- / 1.700	- / -	- / 15.443
3.4) Training Equipment	- / 5.491	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.491
3.5) Support Equipment	- / -	- / -	- / 0.100	- / 0.040	- / -	- / 0.040	- / -	- / -	- / -	- / -	- / -	- / 0.140
3.6) ILS ⁽¹⁹⁾	- / -	- / 0.800	- / 0.250	- / 0.240	- / -	- / 0.240	- / 1.200	- / 1.166	- / 1.600	- / 1.500	- / 1.000	- / 7.756
3.7) Other Support ⁽²⁰⁾	- / 5.988	- / 7.710	- / 2.812	- / 6.065	- / -	- / 6.065	- / 13.906	- / 8.673	- / 7.222	- / 5.551	- / 3.000	- / 60.927
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	11.697	10.335	3.162	6.345	-	6.345	21.106	13.839	10.522	8.751	4.000	89.757
Total Procurement and Support	15.863	30.304	9.294	28.749	-	28.749	52.017	33.207	19.891	30.826	30.500	250.651
OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) Installation Cost	- / 0.000	- / -	- / -	- / 3.150	- / -	- / 3.150	- / 7.998	- / 10.050	- / 6.700	- / 6.800	- / 1.100	- / 35.798
Total Installation Cost	- / 0.000	- / -	- / -	- / 3.150	- / -	- / 3.150	- / 7.998	- / 10.050	- / 6.700	- / 6.800	- / 1.100	- / 35.798
Total Cost (Procurement + Support + Installation)	15.863	30.304	9.294	31.899	-	31.899	60.015	43.257	26.591	37.626	31.600	286.449

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)				
Models of Systems Affected: VH-3D/VH-60N				Type Modification: SAFETY				Related RDT&E PEs:				
Manufacturer Information: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)												
Manufacturer Name: Sikorsky Aircraft Corp						Manufacturer Location: Stratford, CT- Engines VH-60N						
Administrative Leadtime (<i>in Months</i>): 9						Production Leadtime (<i>in Months</i>): 5						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Jun 2013	Jun 2014									
Delivery Dates		Nov 2013	Nov 2014									
Manufacturer Name: Sikorsky Aircraft Corp						Manufacturer Location: Stratford, CT - Engines VH-3D						
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 8						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates						Mar 2017	Mar 2018					
Delivery Dates						Nov 2017	Nov 2018					
Manufacturer Name: Sikorsky Aircraft Corp						Manufacturer Location: Stratford, CT - VH-3D Cabin Interior						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 3						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Delivery Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018					
Manufacturer Name: Sikorsky Aircraft Corp						Manufacturer Location: Stratford, CT - VH-60N Cabin Interior						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 2						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates				Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Delivery Dates				Feb 2015	Feb 2016	Feb 2017	Feb 2018					
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)												
Method of Implementation: Installation of VH-60N Engines - Contractor Mod Team				Installation Name: Engines Kit- VH-60N								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:

Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)				Method of Implementation: Installation of VH-60N Engines - Contractor Mod Team				Installation Name: Engines Kit- VH-60N				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2013	- / -	- / -	- / -	5 / 1.600	- / -	5 / 1.600	- / -	- / -	- / -	- / -	- / -	5 / 1.600
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.548	- / -	- / -	- / -	- / -	3 / 1.548
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	5 / 1.600	- / -	5 / 1.600	3 / 1.548	- / -	- / -	- / -	- / -	8 / 3.148

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	1	1	2	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	-	-	-	-	-	-	-	-	1	1	2	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)				Method of Implementation: Installation of VH-3D Engines - Contractor Mod Team				Installation Name: Engines Kit -VH-3D				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.100	- / -	1 / 0.100
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.200	2 / 0.200

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)													
Models of Systems Affected: VH-3D/VH-60N										Type Modification: SAFETY										Related RDT&E PEs:													
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)										Method of Implementation: Installation of VH-3D Engines - Contractor Mod Team										Installation Name: Engines Kit -VH-3D													
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
To Complete										-		-		-		-		-		-		-		-		-		9 / 0.900		9 / 0.900			
Total										-		-		-		-		-		-		-		-		-		1 / 0.100		11 / 1.100		12 / 1.200	
Installation Schedule																																	
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018							
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12		
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12		
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)																																	
Method of Implementation: Installation of VH-3D Cabin Interior Redesign Mod										Installation Name: VH-3D Cabin Interior Redesign Kit																							
Installation Cost										Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total	
										Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
All Prior Years										-		-		-		-		-		-		-		-		-		-		-		-	
FY 2012										-		-		-		-		-		-		-		-		-		-		-		-	
FY 2013										-		-		-		-		-		-		-		-		-		-		-		-	
FY 2014										-		-		1 / 1.550		-		1 / 1.550		-		-		-		-		-		1 / 1.550			
FY 2015										-		-		-		-		3 / 4.650		-		-		-		-		-		3 / 4.650			
FY 2016										-		-		-		-		-		3 / 4.650		-		-		-		-		3 / 4.650			
FY 2017										-		-		-		-		-		-		2 / 3.100		-		-		-		2 / 3.100			
FY 2018										-		-		-		-		-		-		-		2 / 3.100		-		-		2 / 3.100			
To Complete										-		-		-		-		-		-		-		-		-		-		-		-	
Total										-		-		1 / 1.550		-		1 / 1.550		3 / 4.650		3 / 4.650		2 / 3.100		2 / 3.100		-		11 / 17.050			

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)												
Models of Systems Affected: VH-3D/VH-60N										Type Modification: SAFETY										Related RDT&E PEs:												
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)										Method of Implementation: Installation of VH-3D Cabin Interior Redesign Mod										Installation Name: VH-3D Cabin Interior Redesign Kit												
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot	
In	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	1	1	1	-	1	1	-	-	1	1	-	-	-	11
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	1	1	1	-	1	1	-	-	2	11	

Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)										Method of Implementation: Installation of VH-60N Cabin Interior Redesign Mod										Installation Name: VH-60N Cabin Interior Redesign Kit							
		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total														
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)														
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.800	1 / 1.800	- / -	- / -	- / -	2 / 3.600														
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.600	- / -	- / -	- / -	2 / 3.600														
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.600	- / -	- / -	2 / 3.600														
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.600	- / -	2 / 3.600														
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -														
Total		- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.800	3 / 5.400	2 / 3.600	2 / 3.600	- / -	8 / 14.400														

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-	1	1	-	-	1	1	-	-	8
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-	1	1	-	-	2	8

Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)										Method of Implementation: Organic - Avionics Kit										Installation Quantity: 5							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)
Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Organic - Performance Upgrade Kit	Installation Quantity: 9
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Organic - Engines Conversion Equip - VH-60N	Installation Quantity: 24
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - Engines Conversion Equip - VH-3D	Installation Quantity: 36
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Organic - Enhanced Digital Engine Control Unit	Installation Quantity: 27
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Organic - Avionics Equip	Installation Quantity: 5
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Organic - Performance Upgrade Equipment	Installation Quantity: 36
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Organic - VH-3D Cabin Interior Redesign Equipment	Installation Quantity: 11
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Organic - VH-60N Cabin Interior Redesign Equipment	Installation Quantity: 8
Footnotes: (14) 1. Engine A-Kit quantity allows for 8 VH60Ns, and 12 VH3Ds (including one VH3D test a/c). 2. Engine B-Kit quantity includes additional end items, which will not be part of initial installation. 3. VH-3D / T-58-400C engine B-kit in FY14 will be used on test cell, not installed onto an aircraft. 4. 3 Enhanced Digital Engine Control Units (EDECUC) are required in FY 2011 for the VH-60N Test Aircraft. 5. Avionics kits will be installed at the O level 6. VH Cabin Interior Redesign modifications include both the VH-3D and the VH-60N. 7. Performance Upgrade Kit allows for one A-kit per a/c. Performance Upgrade Equip allows for four B-kits (blades) per a/c. 8. Performance Upgrade kits will be installed at the O level. (15) Risk reduction for obsolescence on avionics equipment. (16) Increased due to cancellation of VH-71 and leadership investment in In-Service capabilities (Cabin interior, 401C) to reduce risk related to obsolescence associated with In Service platforms. Investment was made throughout OMP OSIP to ensure viability of In Service platforms to meet all IOC/FOC scenarios for VXX. (17) Risk reduction for obsolescence on avionics equipment. (18) Increased due to cancellation of VH-71 and leadership investment in In-Service capabilities (Cabin interior, 401C) to reduce risk related to obsolescence associated with In Service platforms. 401C, 400C, VH-3D Cabin Interiors B Kit NRE. 400C effort begins in FY13 with increase in NRE effort in FY14 and 15.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)
Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
⁽¹⁹⁾ Each year between FY14 and FY17 are unique ILS products interdependent with 401C NRE and VH3D/ VH-60N Cabin Interiors NRE lines. FY14 includes Logistics Analysis/Supportability Design Interface for VH 401C. FY15 includes 401C logistics plans/Logistics Management Information (LMI) development and corrections/changes during the mods, and related maintenance task analysis. FY16 includes the logistics analysis/plans for both the VH-3D and VH-60N Cabin Interiors mods. 3QFY14 through FY17 includes resulting LMI, logistics product developments, and maintenance task analysis for these mods or changes. ⁽²⁰⁾ Increased due to cancellation of VH-71 and leadership investment in In-Service capabilities (Cabin interior, 401C) to reduce risk related to obsolescence associated with In-Service platforms. Labor support of 401C, 400C, VH-3D and VH-60N Cabin Interiors, Other OMP support. Funding levels align to peak execution of NRE, installations and test activities.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature <i>(Modification Number - Modification Title):</i> 6 - VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)				
Models of Systems Affected: VH-3D / VH-60N			Type Modification: SAFETY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	7.202	5.300	13.590	15.000	-	15.000	-	-	-	-	-	41.092
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	7.202	5.300	13.590	15.000	-	15.000	-	-	-	-	-	41.092
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	7.202	5.300	13.590	15.000	-	15.000	-	-	-	-	-	41.092
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: In order to meet the requirement of providing safe and timely transportation for the President, Vice President, and other parties as directed by the Director of the White House Military Office (WHMO), and in support of the alert and contingency mission requirement of the WHMO Operations Plan, a trainer conversion program has been established to convert a H-3 and H-60 into TH-3D and TH-60N trainer aircraft to alleviate pressure on national fleet assets. This effort will allow for more in-service aircraft to be available for the mission and will preserve flight hours on in-service aircraft. The conversion will allow for modifications including the VH-60N Cockpit Upgrade, VH Communication Suite Upgrade, VH-3D Lift Improvement, and VH Structural Enhancements (Top Deck Kits and Service Life Extension Plan modifications). Funds will also be utilized to manage and prepare, process, and incorporate Engineering Change Proposals and implement changes that were made on all operational Executive Helicopter Series aircraft including safely, mission availability, structural integrity, and component (avionics/systems) reliability, maintainability, and obsolescence conditions as they arise. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Trainer Conversion Non-Recurring Engineering began in FY 2011. Procurement efforts to begin in FY 2013. Completion of the Trainer Conversion Program is projected in FY 2014.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series					Modification Nomenclature (Modification Number - Modification Title): 6 - VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)				
Models of Systems Affected: VH-3D / VH-60N				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)													
A Kits													
Recurring													
1.1.1) TH-3D Conversion Kit - NonOrganic	- / -	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000	
1.1.2) TH-3D Structural Mod Kit - NonOrganic	- / -	- / -	1 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.500	
1.1.3) TH-60N Conversion Kit - NonOrganic	- / -	- / -	- / -	1 / 1.500	- / -	1 / 1.500	- / -	- / -	- / -	- / -	- / -	1 / 1.500	
1.1.4) TH-60N Structural Kit - NonOrganic	- / -	- / -	- / -	1 / 3.000	- / -	1 / 3.000	- / -	- / -	- / -	- / -	- / -	1 / 3.000	
Subtotal Recurring	- / -	- / -	2 / 2.500	2 / 4.500	- / -	2 / 4.500	- / -	- / -	- / -	- / -	- / -	4 / 7.000	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 3.086	- / 1.900	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.986	
Subtotal Non-Recurring	- / 3.086	- / 1.900	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.986	
B Kits													
Recurring													
2.1.1) TH-3D Conversion Equip - Organic	- / -	- / -	1 / 1.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.300	
2.1.2) TH-3D Structural Mod Equip - Organic	- / -	- / -	1 / 1.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.600	
2.1.3) TH-60N Conversion Equip - Organic	- / -	- / -	- / -	1 / 2.500	- / -	1 / 2.500	- / -	- / -	- / -	- / -	- / -	1 / 2.500	
2.1.4) TH-60N Structural Equip - Organic	- / -	- / -	- / -	1 / 4.100	- / -	1 / 4.100	- / -	- / -	- / -	- / -	- / -	1 / 4.100	
Subtotal Recurring	- / -	- / -	2 / 2.900	2 / 6.600	- / -	2 / 6.600	- / -	- / -	- / -	- / -	- / -	4 / 9.500	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 3.904	- / 2.800	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.704	
Subtotal Non-Recurring	- / 3.904	- / 2.800	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.704	
Total, VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)	- / 6.990	- / 4.700	4 / 9.400	4 / 11.100	- / -	4 / 11.100	- / -	- / -	- / -	- / -	- / -	8 / 32.190	
Total Procurement, All Modifications	- / 6.990	- / 4.700	4 / 9.400	4 / 11.100	- / -	4 / 11.100	- / -	- / -	- / -	- / -	- / -	8 / 32.190	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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LI 0566 - Executive Helicopters Series
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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)				
Models of Systems Affected: VH-3D / VH-60N				Type Modification: SAFETY				Related RDT&E PEs:				
Manufacturer Information: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)												
Manufacturer Name: Sikorsky Aircraft Corporation- TH-3D Conversion						Manufacturer Location: Stratford, CT						
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 2						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Mar 2013										
Delivery Dates		May 2013										
Manufacturer Name: Sikorsky Aircraft Corporation - TH-3D Structural Mod						Manufacturer Location: Stratford, CT						
Administrative Leadtime (<i>in Months</i>): 6						Production Leadtime (<i>in Months</i>): 2						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Mar 2013										
Delivery Dates		May 2013										
Manufacturer Name: Sikorsky Aircraft Corporation- TH-60N Conversion						Manufacturer Location: Stratford, CT						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 9						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Dec 2013									
Delivery Dates			Sep 2014									
Manufacturer Name: Sikorsky Aircraft Corporation - TH-60N Structural Mod						Manufacturer Location: Stratford, CT						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 9						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates			Dec 2013									
Delivery Dates			Sep 2014									
Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)												
Method of Implementation: Installation of TH-3D Conversion - Contractor Mod Team				Installation Name: TH-3D Conversion Kit								
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)			

Models of Systems Affected: VH-3D / VH-60N				Type Modification: SAFETY				Related RDT&E PEs:			

Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)			Method of Implementation: Installation of TH-3D Conversion - Contractor Mod Team					Installation Name: TH-3D Conversion Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2013	- / -	- / -	1 / 2.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.500
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 2.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.500

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Out	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	

Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)			Method of Implementation: Installation of TH-3D Structural Mod - Contractor Team Mod						Installation Name: TH-3D Structural Mod Kit				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
	All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
	FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
	FY 2013	- / -	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000	
	FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
	FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
	FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
	FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
	FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)											
Models of Systems Affected: VH-3D / VH-60N										Type Modification: SAFETY										Related RDT&E PEs:											
Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)										Method of Implementation: Installation of TH-3D Structural Mod - Contractor Team Mod										Installation Name: TH-3D Structural Mod Kit											
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
Installation Cost																															
To Complete		-		-		-		-		-		-		-		-		-		-		-		-							
Total		-		-		1 / 1.000		-		-		-		-		-		-		-		-		1 / 1.000							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)																															
Method of Implementation: Installation of TH-60N Conversion - Contractor Mod Team										Installation Name: TH-60N Conversion Kit																					
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2012		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2013		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2014		-		-		-		1 / 1.700		-		1 / 1.700		-		-		-		-		-		1 / 1.700							
FY 2015		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2016		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2017		-		-		-		-		-		-		-		-		-		-		-		-							
FY 2018		-		-		-		-		-		-		-		-		-		-		-		-							
To Complete		-		-		-		-		-		-		-		-		-		-		-		-							
Total		-		-		-		1 / 1.700		-		1 / 1.700		-		-		-		-		-		1 / 1.700							

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)											
Models of Systems Affected: VH-3D / VH-60N										Type Modification: SAFETY										Related RDT&E PEs:											
Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)										Method of Implementation: Installation of TH-60N Conversion - Contractor Mod Team										Installation Name: TH-60N Conversion Kit											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)										Method of Implementation: Installation of TH-60N Structural Mod - Contractor Mod Team										Installation Name: TH-60N Structural Kit											
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		1 / 2.000		- / -		1 / 2.000		- / -		- / -		- / -		- / -		- / -		1 / 2.000							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		- / -		- / -		- / -		1 / 2.000		- / -		1 / 2.000		- / -		- / -		- / -		- / -		- / -		1 / 2.000							
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)										Method of Implementation: Organic - TH-3D Conversion Equip										Installation Quantity: 1											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)
Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)	Method of Implementation: Organic - TH-3D Structural Mod Equip	Installation Quantity: 1
Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)	Method of Implementation: Organic - TH-60N Conversion Equip	Installation Quantity: 1
Installation: VH-3D/VH-60N TRAINER CONVERSION (OSIP 009-11)	Method of Implementation: Organic - TH-60N Structural Equip	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - VH-3D COCKPIT UPGRADE (OSIP 010-12)			

Models of Systems Affected: VH-3D				Type Modification: SAFETY				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	16.954	20.369	23.604	-	23.604	22.350	21.048	22.598	19.234	27.361	173.518
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	16.954	20.369	23.604	-	23.604	22.350	21.048	22.598	19.234	27.361	173.518
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	16.954	20.369	23.604	-	23.604	22.350	21.048	22.598	19.234	27.361	173.518
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION: In order to meet the requirement of providing safe and timely transportation for the President, Vice President, and other parties as directed by the Director of the White House Military Office (WHMO), and in support of the alert and contingency mission requirement of the WHMO Operations Plan, a VH-3D Cockpit Upgrade program has been established to extend the VH-3D service life requirements. The VH-3D Cockpit Upgrade eliminates pending obsolescence & supportability issues with key avionics components and brings the VH-3D in compliance with mandated avionics capabilities (Communication Navigation Surveillance/Air Traffic Management, Terrain Awareness Warning System/Ground Proximity Warning System). In addition, an upgraded cockpit improves system safety, reduces pilot workload and training requirements, and provides a cockpit common with the VH-60N. The baseline upgrade includes digital map and GPS approach functionality, bringing the VH-3D in line with VH-60N capabilities. Modern, common avionics equipment will reduce logistics cost and increase reliability.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Procurement efforts for the VH-3D Cockpit Upgrade begin in FY 2012, with completion projected in FY 2020.

Notes:

1. Non-Recurring Engineering funding in FY 2013 and FY 2014 is for Satellite Weather Upgrades.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (Modification Number - Modification Title): 7 - VH-3D COCKPIT UPGRADE (OSIP 010-12)				
Models of Systems Affected: VH-3D			Type Modification: SAFETY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
VH-3D COCKPIT UPGRADE (OSIP 010-12)												
A Kits												
Recurring												
1.1.1) VH-3D Cockpit Upgrade Kit - NonOrganic ⁽²¹⁾	- / -	- / -	- / -	1 / 1.785	- / -	1 / 1.785	2 / 3.613	2 / 3.678	2 / 3.944	2 / 4.214	2 / 4.489	11 / 21.723
Subtotal Recurring	- / -	- / -	- / -	1 / 1.785	- / -	1 / 1.785	2 / 3.613	2 / 3.678	2 / 3.944	2 / 4.214	2 / 4.489	11 / 21.723
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / -	- / 10.046	- / 9.713	- / 5.853	- / -	- / 5.853	- / -	- / -	- / -	- / -	- / -	- / 25.612
Subtotal Non-Recurring	- / -	- / 10.046	- / 9.713	- / 5.853	- / -	- / 5.853	- / -	- / -	- / -	- / -	- / -	- / 25.612
B Kits												
Recurring												
2.1.1) VH-3D Cockpit Upgrade Kit - Organic ⁽²²⁾	- / -	- / -	- / -	1 / 2.025	- / -	1 / 2.025	2 / 4.281	2 / 4.358	2 / 4.737	2 / 5.120	2 / 5.505	11 / 26.026
Subtotal Recurring	- / -	- / -	- / -	1 / 2.025	- / -	1 / 2.025	2 / 4.281	2 / 4.358	2 / 4.737	2 / 5.120	2 / 5.505	11 / 26.026
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / -	- / 5.045	- / 7.280	- / 5.770	- / -	- / 5.770	- / -	- / -	- / -	- / -	- / -	- / 18.095
Subtotal Non-Recurring	- / -	- / 5.045	- / 7.280	- / 5.770	- / -	- / 5.770	- / -	- / -	- / -	- / -	- / -	- / 18.095
Total, VH-3D COCKPIT UPGRADE (OSIP 010-12)	- / -	- / 15.091	- / 16.993	2 / 15.433	- / -	2 / 15.433	4 / 7.894	4 / 8.036	4 / 8.681	4 / 9.334	4 / 9.994	22 / 91.456
Total Procurement, All Modifications	- / -	- / 15.091	- / 16.993	2 / 15.433	- / -	2 / 15.433	4 / 7.894	4 / 8.036	4 / 8.681	4 / 9.334	4 / 9.994	22 / 91.456
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data ⁽²³⁾	- / -	- / -	- / -	- / 1.308	- / -	- / 1.308	- / 1.452	- / 0.997	- / 1.086	- / -	- / -	- / 4.843
3.3) Training Equipment ⁽²⁴⁾	- / -	- / -	- / -	- / 1.926	- / -	- / 1.926	- / 3.368	- / 2.206	- / 2.800	- / -	- / -	- / 10.300
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / -	- / -	- / -	- / 1.574	- / -	- / 1.574	- / 1.298	- / -	- / -	- / -	- / -	- / 2.872
3.6) Other Support ⁽²⁵⁾	- / -	- / 1.863	- / 3.376	- / 3.363	- / -	- / 3.363	- / 4.976	- / 2.964	- / 3.063	- / 2.800	- / 2.800	- / 25.205
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	1.863	3.376	8.171	-	8.171	11.094	6.167	6.949	2.800	2.800	43.220
Total Procurement and Support	0.000	16.954	20.369	23.604	-	23.604	18.988	14.203	15.630	12.134	12.794	134.676

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LI 0566 - Executive Helicopters Series
Navy

UNCLASSIFIED
Page 47 of 52

P-1 Line #48

Volume 2 - 891

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																											
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - VH-3D COCKPIT UPGRADE (OSIP 010-12)																			
Models of Systems Affected: VH-3D				Type Modification: SAFETY								Related RDT&E PEs:																							
Manufacturer Information: VH-3D COCKPIT UPGRADE (OSIP 010-12)																																			
Manufacturer Name: Sikorsky Aircraft Corporation														Manufacturer Location: Stratford, CT																					
Administrative Leadtime (<i>in Months</i>): 3														Production Leadtime (<i>in Months</i>): 13																					
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018									
Contract Dates										Dec 2013				Dec 2014				Dec 2015				Dec 2016				Dec 2017									
Delivery Dates										Jan 2015				Jan 2016				Jan 2017				Jan 2018				Jan 2019									
Installation: VH-3D COCKPIT UPGRADE (OSIP 010-12)														Method of Implementation: Installation of Cockpit Upgrade during SPAR								Installation Name: VH-3D Cockpit Upgrade Kit													
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total											
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)											
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -									
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		1 / 3.362		- / -		- / -		- / -		- / -		- / -		1 / 3.362									
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 6.845		- / -		- / -		- / -		- / -		2 / 6.845									
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 6.968		- / -		- / -		- / -		2 / 6.968									
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 7.100		- / -		- / -		2 / 7.100									
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 7.200		- / -		2 / 7.200									
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 7.367		- / -		2 / 7.367									
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 3.362		2 / 6.845		2 / 6.968		2 / 7.100		4 / 14.567		11 / 38.842									
Installation Schedule																																			
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	1	1	-	-	1	1	-	-	4	11
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	1	7	11			
Installation: VH-3D COCKPIT UPGRADE (OSIP 010-12)														Method of Implementation: Organic - VH-3D Cockpit Upgrade Kit								Installation Quantity: 11													
Footnotes:																																			

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - VH-3D COCKPIT UPGRADE (OSIP 010-12)
Models of Systems Affected: VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
(21) 1. Non-Recurring Engineering funding in FY 2013 and FY 2014 is for Satellite Weather Upgrades. 2. VH-60N CUP aircraft avionics components inflate at a higher rate than standard inflation, hence the slightly higher acceleration. (22) Purchasing one B kit in FY14 and two per year each year after that. VH-60N CUP aircraft avionics components inflate at a higher rate than standard inflation, hence the slightly higher acceleration in other years. (23) Data is dependent on the work being done that year. Most of the design work is being done in FY13 and FY14. This means that we'll be able to collect data in FY14, but the majority won't be available until the design is complete, so the majority of data will be available/collected in FY15. There is a bit of a lull in FY16 as we field the first aircraft. FY17 increases to incorporate any changes required by the squadron and driven by their receiving the first aircraft the previous year. (24) Training is dependent on the work being done that year. FY15 has more training than other years as we train the users on the new system prior to them receiving the first asset in FY16. FY17 is greater because changes to the training will be incorporated in FY17 after the user begins using the new system in FY16. (25) FY15 is when the majority of the testing will take place, as well as support for the first fleet install.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Inactive OSIPs				
Models of Systems Affected: VH-3D / VH-60N			Type Modification: SAFETY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	127.200	-	-	-	-	-	-	-	-	-	-	127.200
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	127.200	-	-	-	-	-	-	-	-	-	-	127.200
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	127.200	-	-	-	-	-	-	-	-	-	-	127.200
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series					Modification Nomenclature (Modification Number - Modification Title): 8 - Inactive OSIPs				
Models of Systems Affected: VH-3D / VH-60N				Type Modification: SAFETY					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Inactive OSIPs													
A Kits													
Non-Recurring													
1.2.1) Inactive OSIPs - Organic	- / 127.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 127.200	
Subtotal Non-Recurring	- / 127.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 127.200	
Total, Inactive OSIPs	- / 127.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 127.200	
Total Procurement, All Modifications	- / 127.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 127.200	
Support													
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	127.200	-	-	-	-	-	-	-	-	-	-	127.200	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	127.200	-	-	-	-	-	-	-	-	-	-	127.200	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Inactive OSIPs	
Models of Systems Affected: VH-3D / VH-60N			Type Modification: SAFETY			Related RDT&E PEs:	
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1:
Modification Of Aircraft

P-1 Line Item Nomenclature:

0567 - Special Project Acft

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	350.227	22.232	15.135	3.684	-	3.684	16.895	31.089	25.305	12.596	5.436	482.599
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	350.227	22.232	15.135	3.684	-	3.684	16.895	31.089	25.305	12.596	5.436	482.599
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	350.227	22.232	15.135	3.684	-	3.684	16.895	31.089	25.305	12.596	5.436	482.599

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Special Projects program modifies and/or replaces obsolete special mission equipment and integrates Quick Reaction Capability (QRC) on P-3 and P-8 aircraft. Procurements vary in each fiscal year and include common Navy systems for increased capability, reduced operator workload and common logistics, as well as procurement of special mission equipment as directed by the Chief of Naval Operations. Active Primary Aircraft Authorized inventory is 4 with additional 2 Backup Aircraft Authorization aircraft in the Special Mission inventory.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Intelligence Sensors (OSIP 019-97)	P3A				275.872			22.232			15.135			3.684			-			3.684
2 - Inactive OSIPS	P3A				74.355			-			-			-			-			-
Total Gross/Weapon System Cost					350.227			22.232			15.135			3.684			-			3.684

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0567 - Special Project Acft

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Intelligence Sensors (OSIP 019-97)	P3A				16.895			31.089			25.305			12.596			5.436			408.244
2 - Inactive OSIPS	P3A				-			-			-			-			-			74.355
Total Gross/Weapon System Cost					16.895			31.089			25.305			12.596			5.436			482.599

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY2012 \$11.2M Overseas Contingency Operations (OCO) is for P496 (V4.0) Production systems and Traffic Collision Avoidance System Integration. FY2013 \$2.714M OCO Request is for Special Collection Equipment.

FY2014 commences integration of QRC capabilities on the P-8 aircraft. FY2014 reduction is due to higher navy priorities.

FY 2015 - FY 2018 increase is due to adjustments to sustain the Special Projects capabilities.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0567 - Special Project Acft					Modification Nomenclature (Modification Number - Modification Title): 1 - Intelligence Sensors (OSIP 019-97)			
Models of Systems Affected: P-3B/C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	275.872	22.232	15.135	3.684	-	3.684	16.895	31.089	25.305	12.596	5.436	408.244
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	275.872	22.232	15.135	3.684	-	3.684	16.895	31.089	25.305	12.596	5.436	408.244
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	275.872	22.232	15.135	3.684	-	3.684	16.895	31.089	25.305	12.596	5.436	408.244
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: This modification replaces obsolescence intelligence collection equipment in six P-3 Special Project aircraft by procurement of special mission equipment as directed by the Chief of Naval Operations. FY2014 commences integration of Quick Reaction Capability capabilities on the P-8 aircraft. FY2012 includes \$4.2M for Overseas Contingency Operations (OCO) Request for P496 (V4.0) Production systems. FY2012 includes \$6.984M for OCO Request for Traffic Collision Avoidance System Integration. FY2013 includes \$2.714M for OCO Request for Special Collection Equipment. DEVELOPMENT STATUS/MAJOR MILESTONES: Not Applicable												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0567 - Special Project Acft					Modification Nomenclature (Modification Number - Modification Title): 1 - Intelligence Sensors (OSIP 019-97)				
Models of Systems Affected: P-3B/C				Type Modification: Operational Improvement				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Intelligence Sensors (OSIP 019-97)													
A Kits													
Recurring													
1.1.1) P-3 Kits (Mission Unique) - Organic	4 / 0.660	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.660	
Subtotal Recurring	4 / 0.660	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.660	
B Kits													
Recurring													
2.1.1) Improved Comm & Collect Capability - NonOrganic ⁽¹⁾	- / 31.543	- / 1.101	- / 0.298	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 32.942	
2.1.2) Mission Unique Equipment - NonOrganic	- / 78.709	- / 8.038	- / 7.727	- / 0.808	- / -	- / 0.808	- / 9.979	- / 13.178	- / 7.047	- / 2.306	- / 0.478	- / 128.270	
2.1.3) SPA Replacement (Special Mission) - Organic	- / 46.659	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 46.659	
2.1.4) Blue Force Tracking - Organic	6 / 1.754	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.754	
2.1.5) Collection Equipment - Organic	12 / 3.065	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 3.065	
Subtotal Recurring	18 / 161.730	- / 9.139	- / 8.025	- / 0.808	- / -	- / 0.808	- / 9.979	- / 13.178	- / 7.047	- / 2.306	- / 0.478	18 / 212.690	
Non-Recurring													
2.2.1) Install Equipment N/R - Organic	- / 60.535	- / 4.530	- / 1.946	- / 1.981	- / -	- / 1.981	- / 2.025	- / 2.511	- / 2.297	- / 1.300	- / 0.550	- / 77.675	
2.2.2) BFT/Collection Equipment (Install Equip N/R) - Organic	- / 0.120	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.120	
Subtotal Non-Recurring	- / 60.655	- / 4.530	- / 1.946	- / 1.981	- / -	- / 1.981	- / 2.025	- / 2.511	- / 2.297	- / 1.300	- / 0.550	- / 77.795	
Total, Intelligence Sensors (OSIP 019-97)	22 / 223.045	- / 13.669	- / 9.971	- / 2.789	- / -	- / 2.789	- / 12.004	- / 15.689	- / 9.344	- / 3.606	- / 1.028	- / 291.145	
Total Procurement, All Modifications	22 / 223.045	- / 13.669	- / 9.971	- / 2.789	- / -	- / 2.789	- / 12.004	- / 15.689	- / 9.344	- / 3.606	- / 1.028	- / 291.145	
Support													
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data ⁽²⁾	- / 3.459	- / 0.632	- / 0.533	- / 0.119	- / -	- / 0.119	- / 0.400	- / 1.359	- / 1.300	- / 0.250	- / 0.250	- / 8.302	
3.3) Training Equipment	- / 10.384	- / 0.150	- / 0.050	- / -	- / -	- / -	- / 0.275	- / 0.530	- / 0.460	- / 0.250	- / 0.150	- / 12.249	
3.4) BFT/Collection Equipment (Training Equip)	- / 0.181	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.181	
3.5) Support Equipment	- / 0.280	- / 0.100	- / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.430	
3.6) ILS	- / 3.009	- / 0.146	- / 0.292	- / 0.150	- / -	- / 0.150	- / 0.450	- / 0.973	- / 1.150	- / 0.500	- / 0.400	- / 7.070	
3.7) Other Support	- / 35.514	- / 3.800	- / 3.839	- / 0.626	- / -	- / 0.626	- / 2.666	- / 7.949	- / 8.751	- / 6.240	- / 2.775	- / 72.160	
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	52.827	4.828	4.764	0.895	-	0.895	3.791	10.811	11.661	7.240	3.575	100.392	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0567 - Special Project Acft					Modification Nomenclature (Modification Number - Modification Title): 1 - Intelligence Sensors (OSIP 019-97)			
Models of Systems Affected: P-3B/C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement and Support	275.872	18.497	14.735	3.684	-	3.684	15.795	26.500	21.005	10.846	4.603	391.53
Intelligence Sensors (OSIP 019-97) Installation Cost	- / 0.000	- / 3.735	- / 0.400	- / -	- / -	- / -	- / 1.100	- / 4.589	- / 4.300	- / 1.750	- / 0.833	- / 16.70
Total Installation Cost	- / 0.000	- / 3.735	- / 0.400	- / -	- / -	- / -	- / 1.100	- / 4.589	- / 4.300	- / 1.750	- / 0.833	- / 16.70
Total Cost (Procurement + Support + Installation)	275.872	22.232	15.135	3.684	-	3.684	16.895	31.089	25.305	12.596	5.436	408.24

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0567 - Special Project Acft										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Intelligence Sensors (OSIP 019-97)											
Models of Systems Affected: P-3B/C										Type Modification: Operational Improvement										Related RDT&E PEs:											
Manufacturer Information: Intelligence Sensors (OSIP 019-97)																															
Manufacturer Name: Various ⁽³⁾													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 4													Production Leadtime (<i>in Months</i>): 8																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Jan 2012			Jan 2013			Jan 2014			Jan 2015			Jan 2016			Jan 2017			Jan 2018											
Delivery Dates		Sep 2012			Sep 2013			Sep 2014			Sep 2015			Sep 2016			Sep 2017			Sep 2018											
Installation: Intelligence Sensors (OSIP 019-97)										Method of Implementation: Contractor Drive In and Navy Field Mod Team										Installation Name: Operational Improvement											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / 3.735	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.135																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / 1.100	- / 4.589	- / 4.300	- / 1.750	- / -	- / 11.739																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.833	- / 0.833																		
Total		- / -	- / 3.735	- / 0.400	- / -	- / -	- / -	- / 1.100	- / 4.589	- / 4.300	- / 1.750	- / 0.833	- / 16.707																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Installation: Intelligence Sensors (OSIP 019-97)										Method of Implementation: Organic - P-3 Kits (Mission Unique)										Installation Quantity: 4											
Installation: Intelligence Sensors (OSIP 019-97)										Method of Implementation: Organic - Blue Force Tracking										Installation Quantity: 6											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0567 - Special Project Acft	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Intelligence Sensors (OSIP 019-97)
Models of Systems Affected: P-3B/C	Type Modification: Operational Improvement	Related RDT&E PEs:
Installation: Intelligence Sensors (OSIP 019-97)	Method of Implementation: Organic - Collection Equipment	Installation Quantity: 12
Footnotes: (1) Installation equipment includes both Mission Unique and Improved Communication Capabilities to be installed concurrently. (2) Data, Training Equipment, ILS and Other Support requirements are aligned to support First Article qualification testing in FY-16. (3) Installation equipment includes both Mission Unique and Improved Communication Capabilities to be installed concurrently.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0567 - Special Project Acft					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Inactive OSIPS			
Models of Systems Affected: P-3B/C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	74.355	-	-	-	-	-	-	-	-	-	-	74.355
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	74.355	-	-	-	-	-	-	-	-	-	-	74.355
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	74.355	-	-	-	-	-	-	-	-	-	-	74.355
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0567 - Special Project Acft					Modification Nomenclature (Modification Number - Modification Title): 2 - Inactive OSIPS			
Models of Systems Affected: P-3B/C				Type Modification: Operational Improvement				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
N/A												
Total, N/A	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Support												
3.1) Inactive OSIPS	- / 74.355	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 74.355
Total Support, All Modifications	74.355	-	-	-	-	-	-	-	-	-	-	74.355
Total Procurement and Support	74.355	-	-	-	-	-	-	-	-	-	-	74.355
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	74.355	-	-	-	-	-	-	-	-	-	-	74.355

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0567 - Special Project Acft				Modification Nomenclature (Modification Number - Modification Title): 2 - Inactive OSIPS
Models of Systems Affected: P-3B/C				Type Modification: Operational Improvement		Related RDT&E PEs:		
Manufacturer Information: N/A								
Manufacturer Name: N/A				Manufacturer Location: N/A				
Administrative Leadtime (in Months):				Production Leadtime (in Months):				
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	
Contract Dates								
Delivery Dates								
Installation: N/A				Method of Implementation: Support Only Installation		Installation Quantity: 0		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft

P-1 Line Item Nomenclature:

0569 - T-45 Series

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	454.750	46.732	64.488	98.128	-	98.128	109.402	113.708	115.549	122.781	856.244	1,981.782
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	454.750	46.732	64.488	98.128	-	98.128	109.402	113.708	115.549	122.781	856.244	1,981.782
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	454.750	46.732	64.488	98.128	-	98.128	109.402	113.708	115.549	122.781	856.244	1,981.782

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to T-45A/C aircraft. The T-45 Goshawk is a tandem-seat, carrier capable derivative of the existing British Aerospace Hawk aircraft powered by a single Rolls Royce Adour engine. It serves as the aircraft component of the T45TS integrated jet pilot training system which replaces the three decade old TA-4 and T-2 technology. The overall goal of the modifications budgeted in FY 2014 is to correct discrepancies and deficiencies discovered after delivery of the aircraft and to commence upgrades to the aircraft cockpit and navigation systems. T-45 aircraft and simulators are facing critical avionics obsolescence and Diminishing Manufacturing Source issues. [Operational, Safety and Improvement Program (OSIP)] 08-95 (Corrections Of Deficiencies) was established to resolve safety and reliability issues, improve required mission capabilities, and increase service life of aircraft components. OSIP 03-03 (Engine Surge) was established to resolve engine surge critical safety issues. OSIP 17-04 (Avionics Obsolescence) was established to convert the T-45As (analog) to the digital T-45C configuration (Required Avionics Modernization Program) and resolve avionics obsolescence/DMSMS and safety related avionics issues. OSIP (02-06) (Synthetic Radar) was established because the T-2/T-39 divestiture schedule (T-2 divested in 2008 and T-39 in 2015) and the training command requirement to continue Undergraduate Military Flight Officer training. No new Type Model Series will be developed to pick up this requirement; as a result, the T-45 will modify 19 aircraft to incorporate Synthetic Radar Training into curriculum. OSIP 022-14 was created to execute Service Life Extension Program from FY14 through the FYDP.

The designed service life of the aircraft is 14,400 hours with the average remaining service life of inventory aircraft estimated at 9,600 hours.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0569 - T-45 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	P3A				187.052			18.944			25.230			49.690			-			49.690
2 - ENGINE SURGE (OSIP 003-03)	P3A				20.420			1.986			2.751			16.100			-			16.100
3 - AVIONICS OBSOLESCENCE (OSIP 017-04)	P3A				169.077			14.208			19.767			20.483			-			20.483
4 - SYNTHETIC RADAR (OSIP 002-06)	P3A				51.515			11.594			16.740			0.550			-			0.550
5 - Service Life Extension Program (SLEP) (022-14)	P3A				0.000			-			-			11.305			-			11.305
6 - Inactive OSIPs	P3A				26.686			-			-			-			-			-
Total Gross/Weapon System Cost					454.750			46.732			64.488			98.128			-			98.128

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	P3A				35.370			37.811			44.323			41.674			163.873			603.967
2 - ENGINE SURGE (OSIP 003-03)	P3A				21.776			17.091			17.148			22.889			189.185			309.346
3 - AVIONICS OBSOLESCENCE (OSIP 017-04)	P3A				26.450			27.398			30.788			32.778			47.144			388.093
4 - SYNTHETIC RADAR (OSIP 002-06)	P3A				-			-			-			-			-			80.399
5 - Service Life Extension Program (SLEP) (022-14)	P3A				25.806			31.408			23.290			25.440			456.042			573.291
6 - Inactive OSIPs	P3A				-			-			-			-			-			26.686
Total Gross/Weapon System Cost					109.402			113.708			115.549			122.781			856.244			1,981.782

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 For OSD14 budget submit, the SLEP OSIP 022-14 was created to execute FY14 through the FYDP, it was previously under OSIP 08-95. Non-Recurring Engineering for SLEP modifications will incorporate changes to improve structural details to increase aircraft service life to 21,600 flight hours at 150% Fatigue Life Expended which enables Chief of Naval Air Training pilot training requirements to be safely met until 2035. Task previously covered under OSIP 08-85 through FY13 and has been moved to SLEP OSIP 022-14 for FY14 through the FYDP.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)				
Models of Systems Affected: T-45TS			Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities					Related RDT&E PEs: 0702207N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	187.052	18.944	25.230	49.690	-	49.690	35.370	37.811	44.323	41.674	163.873	603.967
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	187.052	18.944	25.230	49.690	-	49.690	35.370	37.811	44.323	41.674	163.873	603.967
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	187.052	18.944	25.230	49.690	-	49.690	35.370	37.811	44.323	41.674	163.873	603.967
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: This OSIP funds correction of deficiencies discovered during test and evaluation or operational use to the entire airframe, its components and sub-assemblies, including related Support Equipment (SE), all of which vary in complexity and cost of Non-Recurring Engineering, procurement and installation. The correction of deficiencies Engineering Change Proposals (ECPs) include, but are not limited to: AIRFRAME ECPs - divided into two categories; Structural and Systems. STRUCTURAL ECPs: The structural portion of this OSIP provides for several structural ECPs to correct safety of flight related issues and deficiencies in meeting airframe original design life of 14,400 Flight Hours. ECPs for Wing Leading Edge panels, Wing centerline joint, Flap Center Hinge Arm, Canopy frame, Canopy Frame Longeron, Wing tip, Gas Turbine Starter bracket, Horizontal Stabilators, Frame 24 Crossbeam Lugs and Side Skin, Frame 7 Upper Cross Tie, Wing Leading Edge, Frame 29 Lower Flange, Uplock Beam Forward Attach, Slat Track Rib 5 Downstop Bolt, Rib 2 T-Clip, Frame 28/32 Boundary/Vertical Fin, Frame 33 Structure, Inlet Close-Out Fuel and Tank Ceiling Stiffener, Airframe Engine Mount, Frame 21 Structure, Main Landing Gear (MLG) Bay Tilted & Fasteners, MLG Side Stay Support, Longitudinal Systems Viscous, Frame 20 Lower Longeron/Sidebrace, Frame 12 Vertical Splice, Frame 1 Structures and Ballast provisions, Nose Landing Gear Trunnion Beam, Slat Actuator Fitting Angle, Structure Life Improvement, Speed Brake and Backup Structure, Engine Mount Link Option, Stabilizer Back-Up Structures, Fuselage/Frame 10 Door, and Fin Bracket Lever Box Assembly, Over Center Locking Mechanism, Arrestor Beam Back-up Structure, Wing Lower Aux Spar Doubler, Frame 16 Lateral Link, Frame 17/18 structures and Fuselage Sideskin Fasteners. SYSTEMS ECPs: Modifications to the airframe, other than structural deficiencies, are also required to ensure safety of flight, aero-performance and maintainability to enable satisfactory Pilot Training Requirements levels. This Airframe OSIP affects several airframe components and their sub-assemblies including: forward, center and aft fuselage components, Landing Gear, Nose Wheel Steering, arresting hook, tail cone, wing, horizontal and vertical control surfaces, flaps, canopy/windscreen, Aircrew Systems, Ejection system, including lanyard retention collar, ejection control handle, sequencer, barostatic release unit, seat pan, head box and associated components, hydraulic system, and hyd system quick disconnects, oxygen system to include oxygen monitor, concentrator, and ancillary components, electrical system, fuel system, throttle, instrumentation systems, environmental controls, communications, navigation, emergency systems, and associated Support Equipment (SE) to include Peculiar Support Equipment (PSE), nosewheel steering tester, hydraulic test stand, cabin pressure test set, Easily Manipulated Mechanical Arm, frame 33 tail plane fitting tool, and landing gear (dummy gear). AVIONICS/GROUND BASED TRAINING SYSTEMS: Modifications to the Avionics will be required to update the Display Unit, Heads-Up Display, Global Positioning System, Inertial Navigation Assembly and those avionic components associated with the affected aircraft systems. The following Avionics ECPs include: Digital Data System, Almanac Loading System, Mission Computer, communication systems, navigation systems, including Radar Altimeter, inverter, and associated SE. ENGINE/POWER AND PROPULSION: Modifications under this category include modifications to the Engine, Gas Turbine Starter, and Electrical System which will increase the reliability, maintainability and safety of these systems. Engine modifications include Engine Mounts, Fuel Pumps, Combustion Chamber, Compressors, Nozzle												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)
Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N
Guide Vanes, Drive Systems, Oil System, Air Systems, Turbines, Fuel Distribution and Control and modifications to address engine surge/compressor stall. Gas Turbine Starter modifications include starting system, air turbine starter, and air producer. Electrical modifications include generator/distribution/wiring modifications. Service Life Extension Programs (SLEP): During Full Scale Development testing of the T45 aircraft it was determined that incorporation of redesigned components applicable to the critical load paths will significantly increase the service life of the aircraft. Correcting these areas is required to achieve the safe design life associated with the program of record. The additional other support and Non-Recurring Engineering costs in FY-14 and beyond (started in FY-13) are to fund Government labor to perform engineering, test, logistics and financial management tasks, and to execute, oversee and administer contracts across the T-45 program, including existing efforts. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FY-13 provides funds for STRUCTURAL ECPs, SYSTEMS ECPs, AVIONICS ECPs, and ENGINE/PROPULSION & POWER ECPs. FY-14 provides funds for STRUCTURAL ECPs, SYSTEMS ECPs, AVIONICS ECPs, and ENGINE/PROPULSION & POWER ECPs. Non-Recurring Engineering for SLEP modifications will incorporate changes to improve structural details to increase aircraft service life to 21,600 flight hours at 150% Fatigue Life Expended which enables Chief of Naval Air Training pilot training requirements to be safely met until 2035. Task previously covered under OSIP 08-95 through FY13 and has been moved to SLEP OSIP 022-14 for FY14 through the FYDP. Notes: For OSD14 budget submit, the SLEP OSIP 022-14 was created to execute FY14 through the FYDP, it was previously under OSIP 08-95. Non-Recurring Engineering for SLEP modifications will incorporate changes to improve structural details to increase aircraft service life to 21,600 flight hours at 150% Fatigue Life Expended which enables Chief of Naval Air Training pilot training requirements to be safely met until 2035. Task previously covered under OSIP 08-95 and has been moved to SLEP OSIP 022-14 for FY14 through the FYDP. Beginning in FY13, Avionics and GBTS lines were removed from OSIP 08-95 and added to OSIP 17-04 to better align these requirements to the proper OSIP. In previous budgets the following efforts were rolled up under Airframe Structural Cost Element: Leading Edge Nutplate, Canopy Redesign, Wingtip Replacement, Sub 14.4K FLE Deficiencies, and Main Landing Gear were previously rolled up . In previous budgets the following efforts were rolled up under Airframe Systems Cost Element: Main Landing Gear HY-TUF Kits, Hookshank LSP, Hookshank New Vender, Nose Wheel Steering System, Hydraulic System, and Naces Lanyard Retention Collar.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series					Modification Nomenclature (Modification Number - Modification Title): 1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)				
Models of Systems Affected: T-45TS				Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities				Related RDT&E PEs: 0702207N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)													
A Kits													
Recurring													
1.1.1) Airframe Structural - NonOrganic ⁽¹⁾	823 / 16.113	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	823 / 16.113	
1.1.2) Leading Edge Nutplate - NonOrganic	- / -	- / -	- / -	4 / 0.184	- / -	4 / 0.184	20 / 0.936	30 / 1.431	30 / 1.458	30 / 1.485	90 / 4.617	204 / 10.111	
1.1.3) Canopy Redesign - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 2.457	16 / 2.457	
1.1.4) Wingtip Replacement - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.592	- / -	- / -	2 / 2.592	
1.1.5) Sub 14.4K FLE Deficiencies - NonOrganic	- / -	- / -	1 / 0.250	16 / 4.080	- / -	16 / 4.080	16 / 4.160	16 / 4.240	16 / 4.320	16 / 4.400	59 / 16.895	140 / 38.345	
1.1.6) Airframe Structural "O&I" level Install - Organic	692 / 13.548	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	692 / 13.548	
1.1.7) Airframe Systems - NonOrganic ⁽²⁾	488 / 8.752	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	488 / 8.752	
1.1.8) Main Landing Gear - NonOrganic	- / -	- / -	- / -	16 / 3.672	- / -	16 / 3.672	16 / 3.744	20 / 4.770	20 / 4.860	20 / 4.950	- / -	92 / 21.996	
1.1.9) Airframe Systems "O & I" Level Install - Organic	122 / 2.188	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	122 / 2.188	
1.1.10) Main Landing Gear HY-TUF Kits - Organic	- / -	- / -	- / -	8 / 9.450	- / -	8 / 9.450	- / -	- / -	- / -	- / -	- / -	8 / 9.450	
1.1.11) Hookshank LSP - Organic ⁽³⁾	- / -	- / -	12 / 0.024	24 / 0.049	- / -	24 / 0.049	60 / 0.125	60 / 0.127	48 / 0.104	- / -	- / -	204 / 0.429	
1.1.12) Hookshank new vendor - Organic	- / -	- / -	- / -	20 / 1.632	- / -	20 / 1.632	20 / 1.664	- / -	- / -	- / -	- / -	40 / 3.296	
1.1.13) Nose Wheel Steering System - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.795	30 / 1.620	30 / 1.650	120 / 6.915	195 / 10.980	
1.1.14) Hydraulic System - Organic	- / -	- / -	- / -	2 / 0.071	- / -	2 / 0.071	10 / 0.364	10 / 0.371	30 / 1.134	30 / 1.155	122 / 4.914	204 / 8.009	
1.1.15) Naces Lanyard Retention Collar - Organic	- / -	- / -	204 / 0.039	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	204 / 0.039	
1.1.16) Avionics - NonOrganic	1,012 / 17.258	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,012 / 17.258	
1.1.17) Ejection Seat Handle MB-9155 - NonOrganic	416 / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	416 / 0.400	
1.1.18) Engines/Power & Propulsion - NonOrganic	1,181 / 7.816	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,181 / 7.816	
1.1.19) Ground Training Systems - NonOrganic	49 / 7.022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 7.022	
1.1.20) Uncommanded Gear Extension - NonOrganic	35 / 0.699	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 0.699	
Subtotal Recurring	4,818 / 73.796	- / -	217 / 0.313	90 / 19.138	- / -	90 / 19.138	142 / 10.993	151 / 11.734	176 / 16.088	126 / 13.640	407 / 35.798	6,127 / 181.500	
Non-Recurring													
1.2.1) NON-RECURRING COSTS - Organic ⁽⁴⁾	- / 21.537	- / -	- / 6.753	- / 11.541	- / -	- / 11.541	- / 4.553	- / 6.289	- / 4.141	- / 2.562	- / -	- / 57.376	
Subtotal Non-Recurring	- / 21.537	- / -	- / 6.753	- / 11.541	- / -	- / 11.541	- / 4.553	- / 6.289	- / 4.141	- / 2.562	- / -	- / 57.376	
B Kits													

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series					Modification Nomenclature (Modification Number - Modification Title): 1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)				
Models of Systems Affected: T-45TS				Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities				Related RDT&E PEs: 0702207N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Recurring													
2.1.1) Airframe Structural - Organic	9 / 1.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.001	
2.1.2) Airframe Systems - Organic	2 / 1.332	- / -	6 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.332	
2.1.3) Naces Sequencer EMI - Organic	- / -	- / -	100 / 0.010	100 / 0.010	- / -	100 / 0.010	100 / 0.010	100 / 0.010	- / -	- / -	- / -	400 / 0.040	
2.1.4) Avionics ("O & I level install) - Organic	7 / 1.420	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.420	
2.1.5) Ejection Seat Handle MB-9155 - Organic	1 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.200	
2.1.6) Engines/Power & Propulsion - Organic	2 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.000	
2.1.7) Ground Training Systems - Organic	5 / 0.675	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.675	
2.1.8) Uncommanded Gear Extension - Organic	1 / 0.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.025	
Subtotal Recurring	27 / 6.653	- / -	106 / 0.010	100 / 0.010	- / -	100 / 0.010	100 / 0.010	100 / 0.010	- / -	- / -	- / -	433 / 6.693	
Non-Recurring													
2.2.1) INSTALL EQUIPMENT N/R - Organic	- / 1.999	- / 2.062	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.061	
Subtotal Non-Recurring	- / 1.999	- / 2.062	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.061	
Total, T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	4,845 / 103.985	- / 2.062	323 / 7.076	190 / 30.689	- / -	190 / 30.689	242 / 15.556	251 / 18.033	176 / 20.229	126 / 16.202	407 / 35.798	6,560 / 249.630	
Total Procurement, All Modifications	4,845 / 103.985	- / 2.062	323 / 7.076	190 / 30.689	- / -	190 / 30.689	242 / 15.556	251 / 18.033	176 / 20.229	126 / 16.202	407 / 35.798	6,560 / 249.630	
Support													
3.1) DATA ⁽⁵⁾	- / 0.809	- / -	- / 0.032	- / 0.035	- / -	- / 0.035	- / 0.039	- / 0.035	- / 0.035	- / 0.035	- / 0.245	- / 1.265	
3.2) TRAINING EQUIP	- / 7.054	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.054	
3.3) SUPPORT EQUIP ⁽⁶⁾	- / 1.430	- / -	- / 0.048	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.350	- / 2.078	
3.4) ILS	- / -	- / -	- / 0.232	- / 0.236	- / -	- / 0.236	- / 0.241	- / 0.245	- / 0.250	- / 0.255	- / 1.913	- / 3.372	
3.5) OTHER SUPPORT ⁽⁷⁾	- / 26.304	- / 13.721	- / 13.932	- / 12.934	- / -	- / 12.934	- / 12.724	- / 12.558	- / 12.446	- / 12.948	- / 70.263	- / 187.830	
3.6) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	35.597	13.721	14.244	13.255	-	13.255	13.054	12.888	12.781	13.288	72.771	201.599	
Total Procurement and Support	139.582	15.783	21.320	43.944	-	43.944	28.610	30.921	33.010	29.490	108.569	451.229	
T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) Installation Cost	- / 47.470	- / 3.161	- / 3.910	- / 5.746	- / -	- / 5.746	- / 6.760	- / 6.890	- / 11.313	- / 12.184	- / 55.304	- / 152.738	
Total Installation Cost	- / 47.470	- / 3.161	- / 3.910	- / 5.746	- / -	- / 5.746	- / 6.760	- / 6.890	- / 11.313	- / 12.184	- / 55.304	- / 152.738	
Total Cost (Procurement + Support + Installation)	187.052	18.944	25.230	49.690	-	49.690	35.370	37.811	44.323	41.674	163.873	603.967	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)
Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0569 - T-45 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)											
Models of Systems Affected: T-45TS										Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities										Related RDT&E PEs: 0702207N											
Manufacturer Information: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 0														Production Leadtime (<i>in Months</i>): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)										Method of Implementation: CONTRACT FIELD MODIFICATION TEAM										Installation Name: T-45TS CORR OF DEFICIENCIES (OSIP 008-95)											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)										
All Prior Years		3,304 / 47.470	294 / 3.161		377 / 3.910		29 / 4.948		0 / 0.000		29 / 4.948		- / -		- / -		- / -		- / -		- / -		4,004 / 59.489								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		1 / 0.160		- / -		1 / 0.160		- / -		- / -		- / -		- / -		- / -		1 / 0.160								
FY 2014		- / -	- / -		- / -		4 / 0.638		- / -		4 / 0.638		32 / 4.992		- / -		- / -		- / -		- / -		36 / 5.630								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		10 / 1.768		42 / 6.890		- / -		- / -		- / -		52 / 8.658								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		81 / 11.313		- / -		- / -		81 / 11.313								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		98 / 12.184		- / -		98 / 12.184								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		96 / 14.719		96 / 14.719								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		285 / 40.585		285 / 40.585								
Total		3,304 / 47.470	294 / 3.161		377 / 3.910		34 / 5.746		- / -		34 / 5.746		42 / 6.760		42 / 6.890		81 / 11.313		98 / 12.184		381 / 55.304		4,653 / 152.738								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	3,304	74	74	74	72	94	94	94	95	9	8	8	9	10	10	10	12	10	10	10	12	21	21	21	18	26	26	25	21	381	4,653
Out	3,304	74	74	74	72	94	94	94	95	9	8	8	9	10	10	10	12	10	10	10	12	21	21	21	18	26	26	25	21	381	4,653
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)										Method of Implementation: Organic - Airframe Structural "O&I" level Install										Installation Quantity: 692											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (Modification Number - Modification Title): 1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)
Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Airframe Systems "O & I" Level Install	Installation Quantity: 122
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Main Landing Gear HY-TUF Kits	Installation Quantity: 8
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Hookshank LSP	Installation Quantity: 204
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Hookshank new vendor	Installation Quantity: 40
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Hydraulic System	Installation Quantity: 204
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Naces Lanyard Retention Collar	Installation Quantity: 204
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Airframe Structural	Installation Quantity: 9
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Airframe Systems	Installation Quantity: 8
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Naces Sequencer EMI	Installation Quantity: 400
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Avionics ("O & I level install)	Installation Quantity: 7
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Ejection Seat Handle MB-9155	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)
Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Engines/Power & Propulsion	Installation Quantity: 2
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Ground Training Systems	Installation Quantity: 5
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Uncommanded Gear Extension	Installation Quantity: 1
Footnotes: (1) The increases and decreases in unit cost for the Airframe Structural and Systems are due to the different types of Structural/Systems ECPs with different unit cost. Please refer to the Description for OSIP 0895 for the list of different ECPs. (2) The increases and decreases in unit cost for the Airframe Structural and Systems are due to the different types of Structural/Systems ECPs with different unit cost. Please refer to the Description for OSIP 0895 for the list of different ECPs. (3) Hookshank LSP in FY-14 is not an increase. This is the first year of breaking out the Airframe Systems A Kits into specific cost element lines. (4) Previously in DON14, AKit NRE CE 1.2.1 was \$6.993 in FY13 and now is accurately reflected as \$6.753. In FY14 and out years we were directed to break all SLEP related cost into its own OSIP, which is a portion of NRE CE 1.2.1. Previously in DON14, Other Support CE 3.5 was \$13.584 in FY13 and is now accurately reflected as \$13.932. These increases are associated with SLEP efforts in FY13. In FY14 and out years we were directed to break all SLEP related cost into its own OSIP, which is a portion of Other Support CE 3.5. FY13 (08-95) to FY14 (022-14) increase in NRE costs for SLEP are associated with Phase 1A, notional repairs to be delivered by Boeing/BAE. (5) In FY 13 to FY14 DATA (CE 3.1) are increases within the controls to correctly budget for the required DATA associated with planned modifications. The increase reflects the minimal amount of funding required. (6) In FY13 to FY14 Support Equipment (CE 3.3) are increases within the controls to correctly budget for the required SE associated with planned modifications. The increase reflects the minimal amount of funding required. (7) HAC mark in FY12 was specifically for Contract Support Growth which is under "Other Support". Our increase was in government labor vice contract support.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - ENGINE SURGE (OSIP 003-03)				
Models of Systems Affected: T-45TS			Type Modification: PS Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	20.420	1.986	2.751	16.100	-	16.100	21.776	17.091	17.148	22.889	189.185	309.346
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	20.420	1.986	2.751	16.100	-	16.100	21.776	17.091	17.148	22.889	189.185	309.346
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	20.420	1.986	2.751	16.100	-	16.100	21.776	17.091	17.148	22.889	189.185	309.346
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Engine Surge: T-45 engine surge is a critical safety concern for a single engine aircraft with over 450 surge events documented, including over 70 surges requiring engine shutdown and restart emergency action. Funding was provided to correct T-45 F405 engine surge/stall. Kits include modifications to air vehicle, engine, and fuel control system. Non-Recurring Engineering efforts to modify air vehicle and engine components will occur in FY14 to support kit procurements in FY15. Starting in FY14, Office of the Chief of Naval Operations Issue 50104 provided an additional \$39.1M within FY14-FY18 to fund T-45 Engine Inlet Modification efforts to mitigate surge/stall risk to an acceptable level. T-45 Engine Inlet Modification Non-Recurring Engineering will occur in FY14-FY16 to support kit procurements beginning in FY16. Naval Air Systems Command/Airforces will not accept engine stall risk without Program Objective Memorandum 14 mitigation efforts. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Funding was provided to correct T-45 F405 engine surge. Non-Recurring Engineering efforts to modify the F405-401 engine will continue in FY14 to support kit procurement in FY16.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - ENGINE SURGE (OSIP 003-03)					
Models of Systems Affected: T-45TS				Type Modification: PS Safety				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
ENGINE SURGE (OSIP 003-03)													
A Kits													
Recurring													
1.1.1) Airframe Kits- - NonOrganic ⁽⁸⁾	18 / 1.372	- / -	- / -	- / -	- / -	- / -	250 / 1.716	275 / 1.881	325 / 2.025	325 / 1.650	- / -	1,193 / 8.644	
1.1.2) AF Inlet Mod Kits - NonOrganic ⁽⁹⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.556	12 / 2.269	24 / 3.450	163 / 25.039	203 / 31.314	
1.1.3) Engine Kits - NonOrganic	- / -	- / -	- / -	25 / 0.255	- / -	25 / 0.255	25 / 0.260	25 / 0.265	25 / 0.270	25 / 0.275	245 / 13.681	370 / 15.006	
1.1.4) Engine Kits O & I Level - Organic ⁽¹⁰⁾	- / -	- / -	41 / 0.172	41 / 0.176	- / -	41 / 0.176	61 / 0.387	61 / 0.395	61 / 0.402	20 / 0.220	120 / 1.404	405 / 3.156	
Subtotal Recurring	18 / 1.372	- / -	41 / 0.172	66 / 0.431	- / -	66 / 0.431	336 / 2.363	365 / 3.097	423 / 4.966	394 / 5.595	528 / 40.124	2,171 / 58.120	
Non-Recurring													
1.2.1) Non-Recurring Engineering - Organic ⁽¹¹⁾	- / 11.404	- / 0.449	- / 0.150	- / 8.300	- / -	- / 8.300	- / 7.819	- / 2.495	- / 1.080	- / 2.200	- / 5.240	- / 39.137	
Subtotal Non-Recurring	- / 11.404	- / 0.449	- / 0.150	- / 8.300	- / -	- / 8.300	- / 7.819	- / 2.495	- / 1.080	- / 2.200	- / 5.240	- / 39.137	
B Kits													
Recurring													
2.1.1) Install Equipment - Organic	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 1.000	- / 2.000	
Subtotal Recurring	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 1.000	- / 2.000	
Non-Recurring													
2.2.1) INSTALL EQUIPMENT N/R - Organic	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 1.000	- / 2.000	
Subtotal Non-Recurring	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 1.000	- / 2.000	
Total, ENGINE SURGE (OSIP 003-03)	18 / 12.776	- / 0.449	41 / 0.322	66 / 9.131	- / -	66 / 9.131	336 / 10.582	365 / 5.992	423 / 6.446	394 / 8.195	528 / 47.364	2,171 / 101.257	
Total Procurement, All Modifications	18 / 12.776	- / 0.449	41 / 0.322	66 / 9.131	- / -	66 / 9.131	336 / 10.582	365 / 5.992	423 / 6.446	394 / 8.195	528 / 47.364	2,171 / 101.257	
Support													
3.1) DATA	- / 0.070	- / -	- / -	- / 0.150	- / -	- / 0.150	- / 0.150	- / 1.265	- / 2.419	- / 2.457	- / 18.287	- / 24.798	
3.2) TRAINING EQUIPMENT	- / 0.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.025	
3.3) SUPPORT EQUIPMENT N/R ⁽¹²⁾	- / 0.646	- / 0.054	- / -	- / 2.998	- / -	- / 2.998	- / 6.732	- / 1.449	- / 0.158	- / 0.158	- / 1.642	- / 13.837	
3.4) ILS	- / 0.010	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.010	
3.5) OTHER SUPPORT ⁽¹³⁾	- / 6.893	- / 1.483	- / 2.429	- / 3.471	- / -	- / 3.471	- / 3.558	- / 3.924	- / 1.854	- / 1.820	- / 18.318	- / 43.750	
3.6) INTERIM CONTRACTOR SUPPORT	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / 0.500	
3.7) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	7.644	1.537	2.429	6.619	-	6.619	10.440	6.638	4.431	4.435	38.747	82.920	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series					Modification Nomenclature (Modification Number - Modification Title): 2 - ENGINE SURGE (OSIP 003-03)			
Models of Systems Affected: T-45TS				Type Modification: PS Safety				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement and Support	20.420	1.986	2.751	15.750	-	15.750	21.022	12.630	10.877	12.630	86.111	184.177
ENGINE SURGE (OSIP 003-03) Installation Cost	- / 0.000	- / -	- / -	- / 0.350	- / -	- / 0.350	- / 0.754	- / 4.461	- / 6.271	- / 10.259	- / 103.074	- / 125.169
Total Installation Cost	- / 0.000	- / -	- / -	- / 0.350	- / -	- / 0.350	- / 0.754	- / 4.461	- / 6.271	- / 10.259	- / 103.074	- / 125.169
Total Cost (Procurement + Support + Installation)	20.420	1.986	2.751	16.100	-	16.100	21.776	17.091	17.148	22.889	189.185	309.346

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0569 - T-45 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ENGINE SURGE (OSIP 003-03)											
Models of Systems Affected: T-45TS										Type Modification: PS Safety										Related RDT&E PEs:											
Manufacturer Information: ENGINE SURGE (OSIP 003-03)																															
Manufacturer Name: Boeing ⁽¹⁴⁾															Manufacturer Location: St. Louis																
Administrative Leadtime (<i>in Months</i>): 0															Production Leadtime (<i>in Months</i>): 0																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: ENGINE SURGE (OSIP 003-03)										Method of Implementation: Contractor Field Mod Team										Installation Name: Airframe Kits-											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	250 / 0.624	- / -	- / -	- / -	- / -	250 / 0.624																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	275 / 0.937	- / -	- / -	- / -	275 / 0.937																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	325 / 0.864	- / -	- / -	325 / 0.864																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	325 / 0.550	- / -	325 / 0.550																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		1 / 0.000	- / -	- / -	- / -	- / -	- / -	250 / 0.624	275 / 0.937	325 / 0.864	325 / 0.550	- / -	1,176 / 2.975																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	1	-	-	-	-	-	-	-	-	-	-	-	-	63	63	63	61	68	69	69	69	81	81	81	82	81	81	81	82	-	1,176
Out	1	-	-	-	-	-	-	-	-	-	-	-	-	63	63	63	61	68	69	69	69	81	81	81	82	81	81	81	82	-	1,176

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ENGINE SURGE (OSIP 003-03)			

Models of Systems Affected: T-45TS				Type Modification: PS Safety				Related RDT&E PEs:			

Installation: ENGINE SURGE (OSIP 003-03)				Method of Implementation: Contractor Field Mod Team				Installation Name: AF Inlet Mod Kits			

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.472	- / -	- / -	- / -	4 / 2.472
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 5.272	- / -	- / -	12 / 5.272
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 9.571	- / -	24 / 9.571
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	163 / 69.735	163 / 69.735
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.472	12 / 5.272	24 / 9.571	163 / 69.735	203 / 87.050

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	3	3	3	3	6	6	6	6	163	203
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	3	3	3	3	6	6	6	6	163	203

Installation: ENGINE SURGE (OSIP 003-03)				Method of Implementation: Contractor Field Mod Team				Installation Name: Engine Kits			

	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	25 / 0.350	- / -	25 / 0.350	- / -	- / -	- / -	- / -	- / -	25 / 0.350
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.130	- / -	- / -	- / -	- / -	25 / 0.130
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 1.052	- / -	- / -	- / -	25 / 1.052
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.135	- / -	- / -	25 / 0.135
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.138	- / -	25 / 0.138
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	245 / 33.339	245 / 33.339

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft						P-1 Line Item Nomenclature: 0569 - T-45 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - ENGINE SURGE (OSIP 003-03)																			
Models of Systems Affected: T-45TS					Type Modification: PS Safety					Related RDT&E PEs:																					
Installation: ENGINE SURGE (OSIP 003-03)					Method of Implementation: Contractor Field Mod Team					Installation Name: Engine Kits																					
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
Total		- / -	- / -	- / -	25 / 0.350	- / -	25 / 0.350	25 / 0.130	25 / 1.052	25 / 0.135	25 / 0.138	245 / 33.339	370 / 35.144																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	6	6	6	7	6	6	6	7	6	6	6	7	6	6	6	7	6	6	6	7	245	370
Out	-	-	-	-	-	-	-	-	-	6	6	6	7	6	6	6	7	6	6	6	7	6	6	6	7	6	6	6	7	245	370
Installation: ENGINE SURGE (OSIP 003-03)					Method of Implementation: Organic - Engine Kits O & I Level					Installation Quantity: 405																					
Footnotes: ⁽⁸⁾ 1. Installation funded out of OSIP 08-95 Correction of Deficiencies 2. 17 of the 18 HSRIP kits procured in prior years will not be installed unless funding is approved for HSRIP. ⁽⁹⁾ AF Inlet Mod Kits CE 1.1.2 was rolled up in the Airframe Kits CE 1.1.1 in the DON14. ⁽¹⁰⁾ Engine Kits O&I (CE 1.1.4) in FY14 begins the first year of O&I Installs. ⁽¹¹⁾ In FY13 and FY14 Engines Surge OSIP 03-03 NRE increase is due to the POM14 issue #50104 T45 Inlet Mod being approved to incorporate Airframe Inlet Mod as an engine surge/stall mitigation. ⁽¹²⁾ \$2.998M increase in Support Equipment N/R from FY13 (\$0) to FY14 (\$2.998M) in OSIP 03-03. This increase reflects Navy decision to fund the POM14 issue sheet to implement Airframe Inlet modifications to mitigate the engine surge/stall safety issue. This increase will begin procurement of initial support equipment for the modified airframe inlet. ⁽¹³⁾ \$1.44M increase in other support from FY13 (\$2.429M) to FY14 (\$3.5M) in OSIP 03-03. This increase reflects Navy decision to fund the POM14 issue to implement Airframe Inlet modifications to mitigate the surge/stall safety issue. This increase will provide for field activity support of the Airframe Inlet mod. ⁽¹⁴⁾ ALT, PLT and Contract/Delivery dates are Various																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - AVIONICS OBSOLESCENCE (OSIP 017-04)				
Models of Systems Affected: T-45TS A/C			Type Modification: PS Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	169.077	14.208	19.767	20.483	-	20.483	26.450	27.398	30.788	32.778	47.144	388.093
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	169.077	14.208	19.767	20.483	-	20.483	26.450	27.398	30.788	32.778	47.144	388.093
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	169.077	14.208	19.767	20.483	-	20.483	26.450	27.398	30.788	32.778	47.144	388.093
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: The T-45TS is facing critical obsolescence/performance issues. Components of various avionics boxes will not be supportable as a result of Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues that result in part obsolescence or supplier mortality. The Required Avionics Modernization Program (RAMP) is the Analog to Digital conversion of the T-45A aircraft. RAMP was intended to resolve obsolescence issues with such items as the Global Inertial Navigation Assembly (GINA) (Field Programmable Gate Array and Processor), Display Processor (DP) (Diode), Airborne Data Recorder (ADR) (Line in Buffer Amplifier), Multi-Function Display (MFD), Signal Data Computer (SDC), Azimuth Computer, and various other avionics computers. The RAMP effort itself consists of a Glass Cockpit upgrade which includes two (2) Multi-Function Color Displays (MFCD) per cockpit, a Mission Display Processor (MDP), Stability Augmentation Data Sensor (SADS), Replacement recorder (ASDC), Pilot Display Unit (PDU), Fuel Flow Indicator (FFI), associated cockpit controls and a 1553 digital data bus; integrating them with the existing Heads Up Display, the ADR, and a separately procured GINA. As a continued effort to address sustainment, obsolescence and performance issues, the Digital Data Set (DDS) is being introduced to the T-45 by replacing the Mission Data Loader, Airborne Video Cassette Recorder, Aircraft Data Recorders (ADR, SDC, ASDC) on each aircraft. The DDS, which includes the Digital Acquisition Unit, the Control Panel (CP), and associated wiring, will be installed on all T-45C aircraft. AVIONICS/GROUND BASED TRAINING SYSTEMS: Modifications to the Avionics will be required to update the Display Unit, Heads-Up Display, Global Positioning System, Inertial Navigation Assembly and those avionic components associated with the affected aircraft systems. The following Avionics ECPs include: Almanac Loading System, communication systems, navigation systems, including Radar Altimeter, inverter, and associated SE. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FY13 provides funds for MFCD and DDS procurement kits. FY14 provides funds for MFCD and DDS procurement kits.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - AVIONICS OBSOLESCENCE (OSIP 017-04)
Models of Systems Affected: T-45TS A/C	Type Modification: PS Safety	Related RDT&E PEs:
Beginning in FY13, Avionics and GBTS lines removed from OSIP 08-95 and added to OSIP 17-04 to better align these requirements to the proper OSIP.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - AVIONICS OBSOLESCENCE (OSIP 017-04)				
Models of Systems Affected: T-45TS A/C			Type Modification: PS Safety					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AVIONICS OBSOLESCENCE (OSIP 017-04)												
A Kits												
Recurring												
1.1.1) RAMP KITS - NonOrganic	70 / 52.610	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 52.610
1.1.2) Obsolescence Kits - NonOrganic ⁽¹⁵⁾	275 / 2.911	140 / 5.395	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	415 / 8.306
1.1.3) DDS Increment I - NonOrganic	- / -	- / -	17 / 0.136	20 / 0.163	- / -	20 / 0.163	25 / 0.208	26 / 0.220	15 / 0.130	- / -	- / -	103 / 0.857
1.1.4) Obsolescence Kits (O & I) Level - Organic	871 / 9.217	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	871 / 9.217
Subtotal Recurring	1,216 / 64.738	140 / 5.395	17 / 0.136	20 / 0.163	- / -	20 / 0.163	25 / 0.208	26 / 0.220	15 / 0.130	- / -	- / -	1,459 / 70.990
Non-Recurring												
1.2.1) NR Engineering - Organic	- / 16.411	- / 0.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.636
1.2.2) Avionics (moved from 08-95) - Organic	- / -	- / -	- / -	- / 0.153	- / -	- / 0.153	- / 0.156	- / 0.159	- / 0.270	- / 0.265	- / 1.239	- / 2.242
1.2.3) OFT ECP (moved from 08-95) - Organic	- / -	- / -	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.600
Subtotal Non-Recurring	- / 16.411	- / 0.225	- / 0.600	- / 0.153	- / -	- / 0.153	- / 0.156	- / 0.159	- / 0.270	- / 0.265	- / 1.239	- / 19.478
B Kits												
Recurring												
2.1.1) AS-3822/URN (GPS Antenna (FRPA-3) - Organic	51 / 0.135	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.135
2.1.2) ASDC - Organic	51 / 1.974	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 1.974
2.1.3) ATTITUDE INDICATOR - Organic	9 / 0.291	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.291
2.1.4) CP-2092 (P)/A (DDS) - Organic	60 / 0.758	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 0.758
2.1.5) FFI - Organic	70 / 0.822	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 0.822
2.1.6) MDP - Organic	70 / 15.635	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 15.635
2.1.7) MFCD - Organic	280 / 10.728	- / -	127 / 7.747	121 / 7.528	- / -	121 / 7.528	128 / 8.120	- / -	- / -	- / -	- / -	656 / 34.123
2.1.8) MU-1053/A (PROGRAM LOADER) - Organic	42 / 0.174	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.174
2.1.9) PDU - Organic	51 / 1.328	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 1.328
2.1.10) PYROTECHNIC - Organic	70 / 0.339	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 0.339
2.1.11) DDS Increment I - Organic	10 / 1.700	- / -	17 / 2.227	20 / 2.672	- / -	20 / 2.672	25 / 3.406	26 / 3.610	15 / 2.123	- / -	- / -	113 / 15.738
2.1.12) DDS Increment II - Organic	- / -	- / -	- / -	- / -	- / -	- / -	240 / 0.112	- / -	- / -	- / -	- / -	240 / 0.112
2.1.13) DDS Increment III - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 2.597	70 / 2.646	62 / 2.387	- / -	202 / 7.630
2.1.14) Subsystems ECP - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 6.530	30 / 3.564	40 / 4.840	1 / 0.123	127 / 15.057
2.1.15) DMSMS ECPs - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 6.588	205 / 6.710	- / -	355 / 13.298

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0569 - T-45 Series					Modification Nomenclature (Modification Number - Modification Title): 3 - AVIONICS OBSOLESCENCE (OSIP 017-04)				
Models of Systems Affected: T-45TS A/C			Type Modification: PS Safety					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.1.16) SADS - Organic	70 / 1.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 1.025
2.1.17) Avionics (moved from 08-95) - Organic	- / -	- / -	- / -	12 / 0.612	- / -	12 / 0.612	12 / 0.624	12 / 0.636	12 / 0.648	12 / 0.660	84 / 4.956	144 / 8.136
Subtotal Recurring	834 / 34.909	- / -	144 / 9.974	153 / 10.812	- / -	153 / 10.812	405 / 12.262	164 / 13.373	277 / 15.569	319 / 14.597	85 / 5.079	2,381 / 116.575
Non-Recurring												
2.2.1) DDS Increment II - Organic	- / -	- / -	- / 0.300	- / 0.700	- / -	- / 0.700	- / -	- / -	- / -	- / -	- / -	- / 1.000
2.2.2) DDS Increment III - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / 2.000
2.2.3) GINA ECP6 - Organic	- / -	- / -	- / 0.669	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.669
2.2.4) MDP 6.0 - Organic	- / -	- / -	- / -	- / 1.558	- / -	- / 1.558	- / 1.200	- / 1.100	- / -	- / -	- / -	- / 3.858
2.2.5) JMPS - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.000	- / -	- / -	- / -	- / 3.000
2.2.6) Subsystem ECPs - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / 1.000
2.2.7) DMSMS ECPs - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.914	- / 3.266	- / -	- / 6.180
2.2.8) HUD Level III Drawings - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / 1.500
Subtotal Non-Recurring	- / -	- / -	- / 0.969	- / 2.258	- / -	- / 2.258	- / 5.700	- / 4.100	- / 2.914	- / 3.266	- / -	- / 19.207
Total, AVIONICS OBSOLESCENCE (OSIP 017-04)	2,050 / 116.058	140 / 5.620	161 / 11.679	173 / 13.386	- / -	173 / 13.386	430 / 18.326	190 / 17.852	292 / 18.883	319 / 18.128	85 / 6.318	3,840 / 226.250
Total Procurement, All Modifications	2,050 / 116.058	140 / 5.620	161 / 11.679	173 / 13.386	- / -	173 / 13.386	430 / 18.326	190 / 17.852	292 / 18.883	319 / 18.128	85 / 6.318	3,840 / 226.250
Support												
3.1) TRAINING EQUIP	6 / 30.355	- / -	- / -	19 / -	- / -	19 / -	- / -	- / -	- / -	- / -	- / -	25 / 30.355
3.2) SUPPORT EQUIPMENT N/R	- / 0.072	- / -	- / 0.050	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.350	- / 0.722
3.3) ILS ⁽¹⁶⁾	- / 5.111	- / 4.662	- / 2.400	- / 2.448	- / -	- / 2.448	- / 2.496	- / 4.409	- / 5.248	- / 6.518	- / 14.064	- / 47.356
3.4) OTHER SUPPORT	- / 11.566	- / 1.526	- / 2.510	- / 2.443	- / -	- / 2.443	- / 3.445	- / 4.990	- / 5.144	- / 6.636	- / 25.162	- / 63.422
Total Support, All Modifications	47.104	6.188	4.960	4.941	-	4.941	5.991	9.449	10.442	13.204	39.576	141.855
Total Procurement and Support	163.162	11.808	16.639	18.327	-	18.327	24.317	27.301	29.325	31.332	45.894	368.105
AVIONICS OBSOLESCENCE (OSIP 017-04) Installation Cost	- / 5.915	- / 2.400	- / 3.128	- / 2.156	- / -	- / 2.156	- / 2.133	- / 0.097	- / 1.463	- / 1.446	- / 1.250	- / 19.988
Total Installation Cost	- / 5.915	- / 2.400	- / 3.128	- / 2.156	- / -	- / 2.156	- / 2.133	- / 0.097	- / 1.463	- / 1.446	- / 1.250	- / 19.988
Total Cost (Procurement + Support + Installation)	169.077	14.208	19.767	20.483	-	20.483	26.450	27.398	30.788	32.778	47.144	388.093

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0569 - T-45 Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AVIONICS OBSOLESCENCE (OSIP 017-04)															
Models of Systems Affected: T-45TS A/C				Type Modification: PS Safety				Related RDT&E PEs:																							
Manufacturer Information: AVIONICS OBSOLESCENCE (OSIP 017-04)																															
Manufacturer Name: Various ⁽¹⁷⁾										Manufacturer Location: Various																					
Administrative Leadtime (<i>in Months</i>): 0										Production Leadtime (<i>in Months</i>): 0																					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates																															
Delivery Dates																															
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)				Method of Implementation: Contractor Field Mod Team				Installation Name: RAMP KITS																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years	36 / 5.915	10 / 2.400	10 / 2.448	7 / 1.747	0 / 0.000	7 / 1.747	7 / 1.748	- / -	- / -	- / -	- / -	- / -	70 / 14.258																		
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total	36 / 5.915	10 / 2.400	10 / 2.448	7 / 1.747	- / -	7 / 1.747	7 / 1.748	- / -	- / -	- / -	- / -	- / -	70 / 14.258																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	36	2	2	2	4	2	2	2	4	2	2	2	1	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	70
Out	36	2	2	2	4	2	2	2	4	2	2	2	1	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	70

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (Modification Number - Modification Title): 3 - AVIONICS OBSOLESCENCE (OSIP 017-04)			

Models of Systems Affected: T-45TS A/C	Type Modification: PS Safety	Related RDT&E PEs:

Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Contractor Depot Field Mod Team	Installation Name: Obsolescence Kits

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	134 / 0.680	124 / 0.232	0 / 0.000	124 / 0.232	17 / 0.056	- / -	- / -	- / -	- / -	275 / 0.968
FY 2012	- / -	- / -	- / -	61 / 0.114	- / -	61 / 0.114	79 / 0.253	- / -	- / -	- / -	- / -	140 / 0.367
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	134 / 0.680	185 / 0.346	- / -	185 / 0.346	96 / 0.309	- / -	- / -	- / -	- / -	415 / 1.335

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	33	33	33	35	31	31	61	62	24	24	24	24	-	-	-	-	-	-	-	-	-	-	-	-	-	415
Out	-	-	-	-	-	33	33	33	35	31	31	61	62	24	24	24	24	-	-	-	-	-	-	-	-	-	-	-	-	-	415

Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Contractor Field Mod Team	Installation Name: DDS Increment I

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	17 / 0.063	- / -	17 / 0.063	- / -	- / -	- / -	- / -	- / -	17 / 0.063
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.076	- / -	- / -	- / -	- / -	20 / 0.076
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.097	- / -	- / -	- / -	25 / 0.097
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 0.102	- / -	- / -	26 / 0.102
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.060	- / -	15 / 0.060
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy																				Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0569 - T-45 Series										Modification Nomenclature (Modification Number - Modification Title): 3 - AVIONICS OBSOLESCENCE (OSIP 017-04)											
Models of Systems Affected: T-45TS A/C										Type Modification: PS Safety										Related RDT&E PEs:											
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)										Method of Implementation: Contractor Field Mod Team										Installation Name: DDS Increment I											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																	
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	17 / 0.063	- / -	17 / 0.063	20 / 0.076	25 / 0.097	26 / 0.102	15 / 0.060	- / -	103 / 0.398																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	4	4	4	5	5	5	5	5	6	6	6	7	5	7	7	7	4	4	4	3	-	103
Out	-	-	-	-	-	-	-	-	-	4	4	4	5	5	5	5	5	6	6	6	7	5	7	7	7	4	4	4	3	-	103
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)										Method of Implementation: Contractor Field Mod Team										Installation Name: DDS Increment III											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																	
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 1.361	- / -	70 / 1.361																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 1.386	- / -	70 / 1.386																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 1.250	62 / 1.250																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 1.361	70 / 1.386	62 / 1.250	202 / 3.997																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18	17	17	18	18	17	17	62	202	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18	17	17	18	18	17	17	62	202	

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AVIONICS OBSOLESCENCE (OSIP 017-04)
Models of Systems Affected: T-45TS A/C	Type Modification: PS Safety	Related RDT&E PEs:
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - Obsolescence Kits (O & I) Level	Installation Quantity: 871
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - AS-3822/URN (GPS Antenna (FRPA-3)	Installation Quantity: 51
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - ASDC	Installation Quantity: 51
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - ATTITUDE INDICATOR	Installation Quantity: 9
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - CP-2092 (P)/A (DDS)	Installation Quantity: 60
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - FFI	Installation Quantity: 70
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - MDP	Installation Quantity: 70
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - MFCD	Installation Quantity: 656
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - MU-1053/A (PROGRAM LOADER)	Installation Quantity: 42
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - PDU	Installation Quantity: 51
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - PYROTECHNIC	Installation Quantity: 70
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - DDS Increment I	Installation Quantity: 113
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - DDS Increment II	Installation Quantity: 240
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - Subsystems ECP	Installation Quantity: 127
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - DMSMS ECPs	Installation Quantity: 355

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - AVIONICS OBSOLESCENCE (OSIP 017-04)
Models of Systems Affected: T-45TS A/C	Type Modification: PS Safety	Related RDT&E PEs:
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - SADS	Installation Quantity: 70
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Organic - Avionics (moved from 08-95)	Installation Quantity: 144
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - TRAINING EQUIP	Installation Quantity: 25
Footnotes: ⁽¹⁵⁾ In DON14, FY13 DDS Increment I CE 1.1.3 was not broken out and was under Osolescence Kit CE 1.1.2. Previously Obsolesence Kits CE 1.1.2 consisted of 200 AKits. Those Kits are now accurately reflected as 127 MFCD (BKits) and 17 DDS Increment I (AKits/BKits). The remaining 39 units were erroneously reported. This comment also address CE 2.1.7, CE 2.1.11. FY13, FY14 and FY15 install schedule has prior year buys of 275 and FY12 buys of 61. ⁽¹⁶⁾ In FY 13 to FY 14 ILS (CE 3.3) exceeds OSD/OMB inflation rate due to funds were erroneously placed under NR instead of ILS. ⁽¹⁷⁾ RAMP kits had an ALT of 12 months and PLT of 24 Months. All other installations are various MFG, contract dates and ALT/PLT.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - SYNTHETIC RADAR (OSIP 002-06)				
Models of Systems Affected: T-45TS			Type Modification: PS Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	51.515	11.594	16.740	0.550	-	0.550	-	-	-	-	-	80.399
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	51.515	11.594	16.740	0.550	-	0.550	-	-	-	-	-	80.399
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	51.515	11.594	16.740	0.550	-	0.550	-	-	-	-	-	80.399
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: With the T-2 and T-39 divestiture in 2008 and 2012 respectively, the training command cannot complete Uniformed Military Flight Officer training. No new Type Model Series will be developed to pick up this requirement. As a result, the T-45 will modify 19 aircraft to incorporate Virtual Mission Training System (VMTS) into the curriculum. The effort will include two phases of integration to incorporate a commercial off the shelf synthetic radar system into the T-45. Phase I includes determining the integration requirements for the air-to-air and minimal air-to-ground (A/G) synthetic radar capabilities and completing the T-45 integration effort. Phase II includes determining the integration requirements for increased A/G fidelity simulation and weapons sensors simulation while also completing the Phase II integration effort. Four kits will be utilized for testing and will initially be delivered to Pensacola for Instructor training and syllabus evaluation. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FY07-11 provided funding for 2 prototypes, non-recurring engineering, and 3 follow-on test and evaluation kits. FY12 provided funding for 12 procurement kits that require a 12 month lead time before delivery. FY13 provides funding for the procurement of the remaining kits and installation of the 12 kits. FY14 provides funding for the installation of the remaining 5 kits.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (Modification Number - Modification Title): 4 - SYNTHETIC RADAR (OSIP 002-06)				
Models of Systems Affected: T-45TS			Type Modification: PS Safety					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
SYNTHETIC RADAR (OSIP 002-06)												
A Kits												
Recurring												
1.1.1) VMTS - NonOrganic ⁽¹⁸⁾	2 / 0.813	12 / 0.985	5 / 5.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 6.798
Subtotal Recurring	2 / 0.813	12 / 0.985	5 / 5.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 6.798
Non-Recurring												
1.2.1) Non-recurring (N/R) Engineering - Organic	- / 26.249	- / -	- / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.249
Subtotal Non-Recurring	- / 26.249	- / -	- / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.249
B Kits												
Recurring												
2.1.1) VMTS Equipment - Organic	2 / 4.214	12 / 6.111	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 10.325
Subtotal Recurring	2 / 4.214	12 / 6.111	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 10.325
Non-Recurring												
2.2.1) Non-recurring Engineering - Organic	- / 5.390	- / 0.499	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.889
Subtotal Non-Recurring	- / 5.390	- / 0.499	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.889
Total, SYNTHETIC RADAR (OSIP 002-06)	4 / 36.666	24 / 7.595	5 / 8.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 52.261
Total Procurement, All Modifications	4 / 36.666	24 / 7.595	5 / 8.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 52.261
Support												
3.1) DATA	- / 1.871	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.871
3.2) TRAINING EQUIP	6 / 1.021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.021
3.3) Support Equipment N/R	- / 5.477	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.477
3.4) ILS	- / -	- / 0.149	- / 1.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.249
3.5) OTHER SUPPORT	- / 6.261	- / 3.850	- / 3.140	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.251
3.6) INTERIM CONTRACTOR SUPPORT	- / -	- / -	- / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.000
Total Support, All Modifications	14.630	3.999	7.240	-	-	-	-	-	-	-	-	25.869
Total Procurement and Support	51.296	11.594	15.240	-	-	-	-	-	-	-	-	78.130
SYNTHETIC RADAR (OSIP 002-06) Installation Cost	- / 0.219	- / -	- / 1.500	- / 0.550	- / -	- / 0.550	- / -	- / -	- / -	- / -	- / -	- / 2.269
Total Installation Cost	- / 0.219	- / -	- / 1.500	- / 0.550	- / -	- / 0.550	- / -	- / -	- / -	- / -	- / -	- / 2.269
Total Cost (Procurement + Support + Installation)	51.515	11.594	16.740	0.550	-	0.550	-	-	-	-	-	80.399

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0569 - T-45 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - SYNTHETIC RADAR (OSIP 002-06)											
Models of Systems Affected: T-45TS										Type Modification: PS Safety										Related RDT&E PEs:											
Manufacturer Information: SYNTHETIC RADAR (OSIP 002-06)																															
Manufacturer Name: Various ⁽¹⁹⁾															Manufacturer Location: Various																
Administrative Leadtime (<i>in Months</i>): 0															Production Leadtime (<i>in Months</i>): 0																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: SYNTHETIC RADAR (OSIP 002-06)										Method of Implementation: Contractor Field Mod Team										Installation Name: VMTS											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)										
All Prior Years		2 / 0.219	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.219								
FY 2012		- / -	- / -		12 / 1.500		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 1.500								
FY 2013		- / -	- / -		- / -		5 / 0.550		- / -		5 / 0.550		- / -		- / -		- / -		- / -		- / -		5 / 0.550								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		2 / 0.219	- / -		12 / 1.500		5 / 0.550		- / -		5 / 0.550		- / -		- / -		- / -		- / -		- / -		19 / 2.269								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	2	-	-	-	-	-	-	-	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
Out	2	-	-	-	-	-	-	-	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
Installation: SYNTHETIC RADAR (OSIP 002-06)										Method of Implementation: Not Installed - VMTS Equipment										Installation Quantity: 14											
Installation: SYNTHETIC RADAR (OSIP 002-06)										Method of Implementation: Not Installed - TRAINING EQUIP										Installation Quantity: 6											
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 4 - SYNTHETIC RADAR (OSIP 002-06)
Models of Systems Affected: T-45TS	Type Modification: PS Safety	Related RDT&E PEs:
(18) Due to the HAC mark, we are unable to revise FY13 to show the correct split between "A" and "B" kits. (19) Contract and Delivery dates are various		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (Modification Number - Modification Title): 5 - Service Life Extension Program (SLEP) (022-14)				
Models of Systems Affected: T-45TS			Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities					Related RDT&E PEs: 0702207N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	11.305	-	11.305	25.806	31.408	23.290	25.440	456.042	573.29
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	11.305	-	11.305	25.806	31.408	23.290	25.440	456.042	573.29
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	11.305	-	11.305	25.806	31.408	23.290	25.440	456.042	573.29
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: This OSIP funds correction of deficiencies discovered in Service Life Assessment Program (SLAP) which identified risk areas that must be addressed in order to extend aircraft service life. Service Life Extension Programs (SLEP): During Full Scale Development testing of the T45 aircraft it was determined that incorporation of redesigned components applicable to the critical load paths will significantly increase the service life of the aircraft. Correcting these areas is required to achieve the safe design life associated with the program of record. Non-Recurring Engineering for SLEP modifications will incorporate changes to improve subsystem and structural details to increase aircraft service life to 21,600 flight hours at 150% FLE which enables CNATRA pilot training requirements to be safely met until 2035. The additional other support and Non-Recurring Engineering costs in FY-14 and beyond (started in FY-13) are to fund Government labor to perform engineering, test, logistics and financial management tasks, and to execute, oversee and administer contracts across the T-45 structural and subsystems SLEP program, including existing efforts. Development Status/Major Milestones: For OSD14 budget submit, the SLEP OSIP 022-14 was created to execute FY14 through the FYDP, it was previously under OSIP 08-95. Non-Recurring Engineering for SLEP modifications will incorporate changes to improve structural details to increase aircraft service life to 21,600 flight hours at 150% Fatigue Life Expended which enables Chief of Naval Air Training pilot training requirements to be safely met until 2035. Task previously covered under OSIP 08-95 through FY13 and has been moved to SLEP OSIP 022-14 for FY14 through the FYDP.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Service Life Extension Program (SLEP) (022-14)				
Models of Systems Affected: T-45TS				Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities				Related RDT&E PEs: 0702207N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Service Life Extension Program (SLEP) (022-14)												
A Kits												
Recurring												
1.1.1) Structural SLEP - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	2 / 13.104	2 / 13.356	- / -	- / -	56 / 414.036	60 / 440.496
1.1.2) SLEP Seed Wings - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 17.280	1 / 17.600	- / -	2 / 34.880
1.1.3) Subsystem SLEP - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.778	6 / 0.792	- / -	12 / 1.570
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	2 / 13.104	2 / 13.356	7 / 18.058	7 / 18.392	56 / 414.036	74 / 476.946
Non-Recurring												
1.2.1) Structural SLEP NRE - Organic ⁽²⁰⁾	- / -	- / -	- / -	- / 9.393	- / -	- / 9.393	- / 9.900	- / 12.400	- / 1.600	- / 1.200	- / 1.500	- / 35.993
1.2.2) Subsystem SLEP NRE - Organic ⁽²¹⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.500	- / 1.200	- / 1.224	- / -	- / 4.924
Subtotal Non-Recurring	- / -	- / -	- / -	- / 9.393	- / -	- / 9.393	- / 9.900	- / 14.900	- / 2.800	- / 2.424	- / 1.500	- / 40.917
Total, Service Life Extension Program (SLEP) (022-14)	- / -	- / -	- / -	- / 9.393	- / -	- / 9.393	2 / 23.004	2 / 28.256	7 / 20.858	7 / 20.816	56 / 415.536	74 / 517.863
Total Procurement, All Modifications	- / -	- / -	- / -	- / 9.393	- / -	- / 9.393	2 / 23.004	2 / 28.256	7 / 20.858	7 / 20.816	56 / 415.536	74 / 517.863
Support												
3.1) Data	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.200	- / 1.200
3.2) Support Equip	- / -	- / -	- / -	- / 0.250	- / -	- / 0.250	- / 0.255	- / 0.260	- / 0.265	- / 0.271	- / 1.932	- / 3.233
3.3) ILS	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.204	- / 0.208	- / 0.212	- / 0.216	- / 1.546	- / 2.586
3.4) Other Support/ETS & MSS	- / -	- / -	- / -	- / 0.357	- / -	- / 0.357	- / 0.364	- / 0.371	- / 0.379	- / 0.387	- / 3.276	- / 5.134
3.5) Other Support/Field Activities	- / -	- / -	- / -	- / 1.105	- / -	- / 1.105	- / 1.147	- / 1.465	- / 1.495	- / 1.524	- / 13.031	- / 19.767
3.6) Other Support/SLEP Intergration Test	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.269	- / -	- / 1.269
Total Support, All Modifications	-	-	-	1.912	-	1.912	1.970	2.304	2.351	3.667	20.985	33.189
Total Procurement and Support	-	-	-	11.305	-	11.305	24.974	30.560	23.209	24.483	436.521	551.052
Service Life Extension Program (SLEP) (022-14) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.832	- / 0.848	- / 0.081	- / 0.957	- / 19.521	- / 22.239
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.832	- / 0.848	- / 0.081	- / 0.957	- / 19.521	- / 22.239
Total Cost (Procurement + Support + Installation)	0.000	-	-	11.305	-	11.305	25.806	31.408	23.290	25.440	456.042	573.291

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0569 - T-45 Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Service Life Extension Program (SLEP) (022-14)															
Models of Systems Affected: T-45TS								Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities								Related RDT&E PEs: 0702207N															
Manufacturer Information: Service Life Extension Program (SLEP) (022-14)																															
Manufacturer Name: Various ⁽²²⁾												Manufacturer Location: Various																			
Administrative Leadtime (<i>in Months</i>): 0												Production Leadtime (<i>in Months</i>): 0																			
Dates		FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																	
Contract Dates																															
Delivery Dates																															
Installation: Service Life Extension Program (SLEP) (022-14)								Method of Implementation: Contractor Field Mod Team								Installation Name: SLEP Installs															
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.832	- / -	- / -	- / -	- / -	2 / 0.832																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.848	- / -	- / -	- / -	2 / 0.848																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.081	6 / 0.792	- / -	7 / 0.873																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.165	6 / 0.806	7 / 0.971																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 18.715	56 / 18.715																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.832	2 / 0.848	1 / 0.081	7 / 0.957	62 / 19.521	74 / 22.239																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	1	-	-	-	3	2	2	-	62	74
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	1	-	-	-	3	2	2	-	62	74
Footnotes: ⁽²⁰⁾ The FY14 NRE costs for SLEP are associated with Phase 1B, the designing, developing, and qualifying of SLEP kits. ⁽²¹⁾ The FY14 NRE costs for SLEP are associated with Phase 1B, the designing, developing, and qualifying of SLEP kits.																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - Service Life Extension Program (SLEP) (022-14)
Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N

⁽²²⁾ Various ALT/PLT and contract dates.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	26.686	-	-	-	-	-	-	-	-	-	-	26.686
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	26.686	-	-	-	-	-	-	-	-	-	-	26.686
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	26.686	-	-	-	-	-	-	-	-	-	-	26.686
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0569 - T-45 Series						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Inactive OSIPs													
A Kits													
Recurring													
1.1.1) Inactive OSIPs - Organic	- / 26.686	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 26.686	
<i>Subtotal Recurring</i>	- / 26.686	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 26.686	
<i>Total, Inactive OSIPs</i>	- / 26.686	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 26.686	
<i>Total Procurement, All Modifications</i>	- / 26.686	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 26.686	
<i>Total Procurement and Support</i>	26.686	-	-	-	-	-	-	-	-	-	-	26.686	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	26.686	-	-	-	-	-	-	-	-	-	-	26.686	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0569 - T-45 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0570 - Power Plant Changes

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	517.372	25.163	21.569	22.999	-	22.999	21.126	20.924	21.305	21.671	19.500	691.629
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	517.372	25.163	21.569	22.999	-	22.999	21.126	20.924	21.305	21.671	19.500	691.629
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	517.372	25.163	21.569	22.999	-	22.999	21.126	20.924	21.305	21.671	19.500	691.629

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to all in-service aircraft engines. Power Plant Changes are required throughout the service life of each aircraft to correct flight deficiencies and improve operational readiness while reducing engine operating costs. This program finances the procurement and installation of retrofit kits for all Navy and Marine Corp aircraft engines and related propulsion hardware such as propellers, starters and transmissions. The overall goal of the modifications budgeted in FY2014 is to continue modification efforts previously initiated on the engines for the AV-8B, F/A-18C/D & E/F, S-3, F-16, H-60, H-46, H-53, EA-6B, T-3, T-38, T-45, P-3, E-2,C-2, C-130, UH-1N, HA-1W and V-22.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Power Plant Changes	P3A				517.372			25.163			21.569			22.999			-			22.999
Total Gross/Weapon System Cost					517.372			25.163			21.569			22.999			-			22.999

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Power Plant Changes	P3A				21.126			20.924			21.305			21.671			19.500			691.629

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0570 - Power Plant Changes									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost				21.126			20.924			21.305			21.671			19.500			691.629		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0570 - Power Plant Changes					Modification Nomenclature (Modification Number - Modification Title): 1 - Power Plant Changes				
Models of Systems Affected: Power Plant Changes			Type Modification: Approx. 80% Safety, 20% Reliability					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	517.372	25.163	21.569	22.999	-	22.999	21.126	20.924	21.305	21.671	19.500	691.629
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	517.372	25.163	21.569	22.999	-	22.999	21.126	20.924	21.305	21.671	19.500	691.629
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	517.372	25.163	21.569	22.999	-	22.999	21.126	20.924	21.305	21.671	19.500	691.629
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: This program corrects aircraft flight safety deficiencies, improves operational fleet readiness and reduces engine cost of ownership by incorporating approved power plant changes. Power plant changes are required throughout the aircraft service life as the engine ages and operationally revealed deficiencies are discovered, researched, and solutions engineered. The Component Improvement Program which is funded in Research Development Test & Evaluation, Navy develops and demonstrates engineering solutions to these deficiencies and through the Engineering Change Proposal (ECP) process, initiates Power Plant Change. The Power Plant Change program procures the necessary Power Plant Change retrofit kits, support equipment, kit installation and technical data. This program provides retrofit kits for all Navy and Marine Corp aircraft engines and propulsion related hardware such as propellers, starters, generators and transmissions. Reliability Improvements are designed to increase Mean Time Between Failure and Mean Time Between Engine Removal by 30% on average and are expected to generate savings /costs avoidance in excess of \$50M annually. Aircraft engines included in Power Plant Change include: F100 Engine, F-16, F402 Engine, AV/8B, F404 Engine, F/A18, F405 Engine, T-45, F414 Engine, F/A 18 E/F, J52 Engine, EA-6B, J85 Engine, T-38 and T-2, T400 Engine AH-1W and UH-1N, T406 Engine, V-22, T-56 Engine, V-22, T56 Engine, P-3, C-2, E-2 and C130, T58 Engine, H-3 and H-46, T-64 Engine, H-63, T700 Engine, H-60 and AH-1 and TF34 Engine S-3.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0570 - Power Plant Changes					Modification Nomenclature (Modification Number - Modification Title): 1 - Power Plant Changes			
Models of Systems Affected: Power Plant Changes			Type Modification: Approx. 80% Safety, 20% Reliability					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Power Plant Changes												
B Kits												
Recurring												
2.1.1) F100 F16 - NonOrganic ⁽¹⁾	9,999 / 0.110	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9,999 / 0.110
2.1.2) F402 AV8B - NonOrganic	- / 20.458	- / 1.686	- / 1.543	- / 1.577	- / -	- / 1.577	- / 1.605	- / 1.500	- / 1.500	- / 1.700	- / 2.000	- / 33.569
2.1.3) F404 F/A 18 - NonOrganic	- / 16.139	- / 4.271	- / 0.959	- / 0.980	- / -	- / 0.980	- / 1.300	- / 1.000	- / 1.000	- / 1.000	- / 1.000	- / 27.649
2.1.4) F405 T45 - NonOrganic	- / 15.168	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.168
2.1.5) F414 F/A 18 E/F - NonOrganic	- / 15.931	- / 2.282	- / 2.600	- / 1.722	- / -	- / 1.722	- / 1.240	- / 1.024	- / 1.024	- / 1.200	- / 1.000	- / 28.023
2.1.6) J52 EA-6B - NonOrganic	- / 16.173	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.173
2.1.7) J85 T38, T2 - NonOrganic	- / 2.953	- / 0.499	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.452
2.1.8) T400 AH1W, UH1N - NonOrganic	- / 3.163	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.163
2.1.9) T406 V-22 - NonOrganic	- / 0.185	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.185
2.1.10) T56 P3, C2, E2, C130 - NonOrganic ⁽²⁾	- / 50.280	- / 4.132	- / 4.549	- / 5.648	- / -	- / 5.648	- / 5.262	- / 5.350	- / 5.350	- / 5.300	- / 7.000	- / 92.871
2.1.11) T58 H3, H46 - NonOrganic	- / 5.233	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.233
2.1.12) T64 H53 - NonOrganic ⁽³⁾	- / 25.618	- / 6.371	- / 4.198	- / 5.319	- / -	- / 5.319	- / 4.411	- / 4.550	- / 4.550	- / 4.000	- / 8.000	- / 67.017
2.1.13) T700 H60 - NonOrganic	- / 45.028	- / 0.722	- / 2.500	- / 2.511	- / -	- / 2.511	- / 1.408	- / 0.750	- / 0.750	- / 1.500	- / 0.500	- / 55.669
2.1.14) TF34 S3 - NonOrganic	- / 0.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.450
2.1.15) Completed ECPs from prior years - NonOrganic	- / 200.505	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 200.505
2.1.16) Installation Equipment N/R - Organic	- / 0.164	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.164
Subtotal Recurring	9,999 / 417.558	- / 19.963	- / 16.349	- / 17.757	- / -	- / 17.757	- / 15.226	- / 14.174	- / 14.174	- / 14.700	- / 19.500	9,999 / 549.401
Total, Power Plant Changes	7,002 / 417.558	- / 19.963	- / 16.349	- / 17.757	- / -	- / 17.757	- / 15.226	- / 14.174	- / 14.174	- / 14.700	- / 19.500	7,002 / 549.401
Total Procurement, All Modifications	7,002 / 417.558	- / 19.963	- / 16.349	- / 17.757	- / -	- / 17.757	- / 15.226	- / 14.174	- / 14.174	- / 14.700	- / 19.500	7,002 / 549.401
Support												
3.1) Data	- / 0.836	- / 0.051	- / 0.051	- / 0.051	- / -	- / 0.051	- / 0.052	- / 0.060	- / 0.060	- / 0.060	- / -	- / 1.221
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Support equipment	- / 0.476	- / 0.514	- / 0.051	- / 0.051	- / -	- / 0.051	- / 0.052	- / 0.060	- / 0.060	- / 0.060	- / -	- / 1.324
3.4) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 6.304	- / 0.819	- / 1.170	- / 1.166	- / -	- / 1.166	- / 1.662	- / 1.864	- / 2.124	- / 2.300	- / -	- / 17.409
3.6) Support Costs Other	- / 52.570	- / 3.316	- / 1.905	- / 1.886	- / -	- / 1.886	- / 2.009	- / 2.766	- / 2.887	- / 2.551	- / -	- / 69.890
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0570 - Power Plant Changes						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Power Plant Changes			
Models of Systems Affected: Power Plant Changes				Type Modification: Approx. 80% Safety, 20% Reliability				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Total Support, All Modifications</i>	60.186	4.700	3.177	3.154	-	3.154	3.775	4.750	5.131	4.971	-	89.844
<i>Total Procurement and Support</i>	477.744	24.663	19.526	20.911	-	20.911	19.001	18.924	19.305	19.671	19.500	639.245
Power Plant Changes Installation Cost	- / 39.628	- / 0.500	- / 2.043	- / 2.088	- / -	- / 2.088	- / 2.125	- / 2.000	- / 2.000	- / 2.000	- / -	- / 52.384
<i>Total Installation Cost</i>	- / 39.628	- / 0.500	- / 2.043	- / 2.088	- / -	- / 2.088	- / 2.125	- / 2.000	- / 2.000	- / 2.000	- / -	- / 52.384
Total Cost (Procurement + Support + Installation)	517.372	25.163	21.569	22.999	-	22.999	21.126	20.924	21.305	21.671	19.500	691.629

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0570 - Power Plant Changes		Modification Nomenclature (Modification Number - Modification Title): 1 - Power Plant Changes	
Models of Systems Affected: Power Plant Changes		Type Modification: Approx. 80% Safety, 20% Reliability		Related RDT&E PEs:	

Manufacturer Information: Power Plant Changes							
Manufacturer Name: Various PPC ⁽⁴⁾				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: Power Plant Changes				Method of Implementation: See Notes				Installation Name: Power Plant Installations				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	12,918 / 39.628	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12,918 / 39.628
FY 2012	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500
FY 2013	- / -	- / -	- / 2.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.043
FY 2014	- / -	- / -	- / -	- / 2.088	- / -	- / 2.088	- / -	- / -	- / -	- / -	- / -	- / 2.088
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.125	- / -	- / -	- / -	- / -	- / 2.125
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	- / -	- / -	- / -	- / 2.000
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	- / -	- / -	- / 2.000
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	- / -	- / 2.000
Total	12,918 / 39.628	- / 0.500	- / 2.043	- / 2.088	- / -	- / 2.088	- / 2.125	- / 2.000	- / 2.000	- / 2.000	- / -	12,918 / 52.384

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	12,918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,918
Out	12,918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,918

Footnotes:
⁽¹⁾ The table below list the quantities, installation schedule, and costs for those ECPs for which there is an installation cost. Of those ECPs with installation costs, three are not shown as they are labor only modifications and request no kit. The reason they are not shown in these tables is that the procurement quantity and installation quantities would not be equal. Current with engine/module repair where installation cost is zero, or by forced retrofit.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0570 - Power Plant Changes	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Power Plant Changes
Models of Systems Affected: Power Plant Changes	Type Modification: Approx. 80% Safety, 20% Reliability	Related RDT&E PEs:
(2) FY13/FY14 increase due to the prop safety changes for the E2/C2. (3) FY13/FY14 increase due to the T64 kit purchase, unit price adjustment. (4) Admin and Production Leadtimes are averages with various contract and delivery dates		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s): 560

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	22.418	0.524	1.552	1.576	-	1.576	1.602	1.624	1.675	1.705	19.057	51.733
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	22.418	0.524	1.552	1.576	-	1.576	1.602	1.624	1.675	1.705	19.057	51.733
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	22.418	0.524	1.552	1.576	-	1.576	1.602	1.624	1.675	1.705	19.057	51.733
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to the Joint Primary Aircraft Training System (JPATS). JPATS is a joint United States Navy (USN)/United States Air Force Acquisition Program designed to replace the aging primary aircraft (T-34/T-37) fleet. Principal JPATS mission is primary training for entry-level Navy/Air Force student pilots, associated instructor pilots, and primary/intermediate training for USN Naval Flight Officers. JPATS includes the T-6 Texan II which is a stepped tandem seat, commercially derived aircraft powered by a single Pratt & Whitney PT6A-68 turboprop engine. It serves as the aircraft component of the JPATS integrated primary pilot training system which replaces the T-34C primary training aircraft.

The overall goal of the modifications budgeted in fiscal year 2014 is to correct discrepancies and deficiencies discovered after delivery of the aircraft; and to maintain, where appropriate, joint configuration with Air Force aircraft. The T-6B derivative incorporates major upgrades to the aircraft cockpit, navigation system, and aircrew life support system.

[P3A / P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)]: Revamp budget during DON14 to correctly identify costs associated with B-kits include ILS, ECO , Data, Training equipment and A-kits in accordance with the contract structure of the Air Force.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): 560																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	P3A				22.418			0.524			1.552			1.576			-			1.576
Total Gross/Weapon System Cost					22.418			0.524			1.552			1.576			-			1.576

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	P3A				1.602			1.624			1.675			1.705			19.057			51.733
Total Gross/Weapon System Cost					1.602			1.624			1.675			1.705			19.057			51.733

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
Funding in FY14 is required for the procurement of B-kits and other support for Joint Primary Aircraft Training System retrofits.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)				Modification Nomenclature (Modification Number - Modification Title): 1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)				
Models of Systems Affected: T-6 A/B T-6 A/B			Type Modification: PS Safety					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	22.418	0.524	1.552	1.576	-	1.576	1.602	1.624	1.675	1.705	19.057	51.733
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	22.418	0.524	1.552	1.576	-	1.576	1.602	1.624	1.675	1.705	19.057	51.733
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	22.418	0.524	1.552	1.576	-	1.576	1.602	1.624	1.675	1.705	19.057	51.733
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
Corrections to discrepancies found during testing and evaluation can sometimes be incorporated into production aircraft, effective with the physical configuration audit which establishes the product baseline of the aircraft. However when this cannot be done due to time constraints, retrofit of the changes into already delivered aircraft requires funding through the Aircraft Modification Program. Additionally, deficiencies discovered during Fleet operations must be corrected. The unacceptable alternative to retrofitting would be multiple configurations in the Fleet, which creates maintenance and supply problems, and in many cases the mission capability of the aircraft would be adversely affected as well as reduced service life.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: February 93 received Milestone (MS) 0 and MS I approval, August 95 received MS II and Low Rate Initial Production approval, December 01 received MS III approval, and Navy Initial Operational Capability occurred 4th Qtr FY03. Funding in FY14 is required for the procurement of B-kits and other support for Joint Primary Aircraft Training System retrofits.												
Current Active Modifications:												
Avionics Upgrade Program (AUP) Spiral I Retrofit - Upgrade the hardware and software in the AUP computer system to provide for increased speed in the Data Transfer System and provide a power caret indication (AUP Integrated Avionics Computer Upgrade Program) in the cockpit for setting engine power.												
Auto Ignition Relay - A more reliable relay is required to reduce the maintenance of the auto ignition system, previously incorporated in Cockpit Improvements program.												
Avionics Obsolescence - Replace various Avionics components due to supplier and/or technical obsolescence. Future avionics upgrades for the T-6A include upgrades to Electronic Flight Instrument displays.												
Bundle A & Bundle B - Bundle A consists of 3 efforts: 1) Space between seat/sidewall to address manual override linkage; 2) Aft Lower Left & Right Sidewall Panel require removal of ejection set guide rail to access aft panel; 3) Canopy Latch Mounting screws. Bundle B consists of 3 efforts : 1) Clamp for Mounting Elevator Trim; 2) Decal elevator lower surface access panel; 3) Landing /Taxi Bonding Wire.												
Previously budgeted under Structural Improvements.												
Canopy Fracturing Initiation System (CFIS) - Redesign safety related modification will replace the current T-6 laser system CFIS with a ballistic CFIS that will improve reliability and reduce life-cycle costs.												
Hawker Beechcraft Corporation will be conducting Source Selection in FY12.												
Canopy Seal Valve - Modification to production configuration and replacement of brass solenoid and replace wiring to improve reliability, safety and cost effectiveness.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)
Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
Cockpit Improvements (ECP-058/063) - Safety and Human Factors modification to the cockpit to improve aircrew efficiencies and to eliminate excessive pilot workload and other dangerous situations. Modifications include rearview mirrors, improved cockpit storage, and improved night lighting, reducing excessive ambient noise. Condensor blower motor-longer life - Replace air conditioning blower with longer life, brushless motor, reducing life cycle cost . Onboard Oxygen Generating System (OBOGS) Concentrator (-0105 to -0106) - Upgrade current -0105 model OBOGS Concentrator to replace parts that are no longer available due to manufacturing obsolescence. In addition, replace the slide valve to eliminate issues with sticking. OBOGS Low Pressure Switch - Safety modification to improve OBOGS low pressure switch. In-flight failures have caused numerous aborts. Power Control Lever (PCL) Cut-Off - Safety related effort to install a mechanical barrier to PCL to prevent inadvertent engine shutdown (cut-off). Result of Class A safety investigation. Primary Cartridge for Ejection Seat/Adapter Plate Kits - Modification to replace Multi-Purpose Initiator bracket with an adapter place to improve cartridge maintenance installation design. Structural Improvement - Change structural components to strengthen the T-6 Airframe to address cracks and structural fatigue issues. This is both a safety and maintainability issue. Future Modifications: AUP - AUP Spiral II Retrofit - Upgrade the hardware and software in the AUP computer system to provide solution to conditions that were noted as deficiencies during the T-6B FOT&E. AUP - Upgrade T-6 avionics to include multifunctional displays controlled by two (2) redundant Integrated Avionics Computers, add a Heads-Up Display to the front cockpit, a radar altimeter and additional navigational capability, which also includes T-6B Baseline catch-up. Ground Proximity Warning System (GPWS/Enhanced Ground Proximity Warning System) - Formally called Global Positioning System Receiver Upgrade. Safety of flight issue. Office of the Chief of Naval Operations (OPNAV) mandated incorporation of a system that will indicate the proximity of the T-6 aircraft to the ground. GPWS will reduce the potential of an inadvertent ground strike resulting in the possible loss of aircraft and crew. Instrument Training Hood - Cockpit instrument training hoods and head/helmet mounted hoods for the T-6 aircraft. Prevents visually obtaining outside references while flying and landing the aircraft. Landing Gear Control Handle Redesign - Safety modification to T-6 Landing Gear Handle to reduce the risk of gear up landings. Effort includes redesign of cams and down-lock solenoid, replacing lights with Light Emitting Diodes and changing Programmable Array Logic to improve voltage thresholds. Bid & Proposal funded in FY12 under Other Support. Nose Landing Gear Friction Collar - Modification to aircraft nose landing gear to mitigate excessive shimmy that has been experienced during landings and take offs. Safe Arm Handle - Product improvement modification to the ejection seat to incorporate additional safety features to pinning the seat. Voice Recorder - OPNAV mandated installation of a cockpit voice recording system to provide audio playback capability for investigation and reconstruction of incidents and mishaps. ARCHIVE Modifications: Acceptance of Ground Power [Engineering Change Proposal(ECP)-056] - Operational modification to allow acceptance of electric power commercial ground power carts. Aft Fuselage Structural Upgrade - Add structural components to strengthen the Aft Fuselage to address minor cracks and rivets coming loose and/or breaking in the area of Frame 9 and the Ventral Fins. This is both a safety and maintainability issue. ANTI-G valve replacement - Safety modification to improve Anti-G valve with rust resistant valve. Rusty valves have caused numerous in-flight emergencies (loss of pressurization). Anti-Suffocation Value (ASV) Regulator/Electrical (EL) Panel - Safety modification addressing excessive force required to breathe utilizing current ASV. This Correction will solve unconscious aircrew air supply requirements. In addition, a safety modification will replace the current EL Panel to increase the oxygen regulator blinker visibility at night. Deficiency noted during Operational Evaluation. Ejection Mode Selector -Modifies Interseat Sequencing System (Ejection system) to add additional mode allowing command ejection authority. Emergency Locator Transmitter (ELT) - DoD mandated installation of a 121.5/406 MHz ELT system in the T-6 to replace the current 121.5/243 MHz emergency beacon. Engine Oil Dipstick and Bottle - Enhance the Engine Oil Dipstick and add a Collection Bottle which will allow a higher total engine oil volume to provide an allowable range for safe operation. This effort is a direct response to a Navy Class B engine incident. Increase Gross Weight - Structural mods to increase weight capacity. Need driven by weight additions for Anti-Skid, Life Raft, Oil Pressure warning system. Life Raft Addition to Ejection Seat Sea Water Activated Release System Aircrew Life Support System (ALSS) - Safety modification to install life raft to ejection seat and incorporate Universal Radio Transmitter-140 radio. Current system lacks raft, restricting overwater flight operations. Main Landing Gear (MLG) Doors & Bell crank - Structural fixes to gear doors & bell crank to eliminate cracking. Includes Retrofit of improved durability MLG door tie rod Redesign.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)
Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
Military Flight Operations Quality Assurance (MFOQA) Program - Improve the flight data recorder, change the data cartridge adapter, and install a larger capacity data storage module Personal Computer Memory Card International Association to allow for participation in the MFOQA Program. MFOQA is part of a DoD-wide safety emphasis. Naval Aircraft Collision Warning System (NACWS) Replacement (Traffic Avoidance System) -Safety modification to replace the obsolete and unsupportable NACWS due to Federal Aviation Administration changes in the National Airspace System. Nose Wheel Actuator - Replace existing T-6 Nose wheel Actuator with longer life, better sealed actuator, reducing life cycle costs. Nose Wheel Centering (ECP-052) - Safety modification to provide positive nose wheel centering in flight. Category 1 Deficiency. OBOGS Upgrades (ECP-049) - Safety modifications to improve the normal and emergency aircrew oxygen supply systems. Mods address increased supply, delivery control box and software logic corrections. Oil Pressure Warning - Safety modifications to correct oil pressure cockpit warning indications and associated systems to improving aircrew situational awareness and overall systems operation. Oil Pressure Annunciator System (OPAS) Signal Conditioning Unit (SCU) - Upgrade the OPAS SCU. Upgraded OPAS SCU will take readings from a different point in the engine oil system and use upgraded software to eliminate erroneous "Oil Pressure Low" warning indications in the cockpit. Sealed Rudder Position Sensor - Replace the current Rudder Position Sensor which has an excessively high failure rate due to water intrusion into the unit resulting in inaccurate information being provided to the flight data recorder. Erroneous data negatively impacts the structural integrity/fatigue life expended monitoring program because rudder position affects tail loading (asymmetric G's) and accident/incident replay and investigation. Supplemental Oxygen System - Safety modification to increase volume of emergency oxygen. Class A safety board recommendation. Trim System Redesign - Safety modification to reduce trim actuator force limit, increases activation speed. Universal Water Activated Release System (UWARS) Addition to Ejection Seat ALSS - Safety modification to add UWARS to Ejection Seat. Current system lacks UWARS, restricting overwater flight operations. Very High Frequency (VHF) Radio ECP (ECP-055) - Provide for the correction of volume and reception level discrepancies. Current volume inequities between the Ultra High Frequency/Very radios make the radio unintelligible and a safety concern for aircrew.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)					Modification Nomenclature (Modification Number - Modification Title): 1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)				
Models of Systems Affected: T-6 A/B T-6 A/B				Type Modification: PS Safety					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)													
A Kits													
Recurring													
1.1.1) Cockpit Improvements - NonOrganic	83 / 0.453	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	83 / 0.453	
1.1.2) Military Flight Operations Quality Assurance (MFOQA) Program - NonOrganic	28 / 0.129	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.129	
1.1.3) Naval Aircraft Collision Warning System (NACWS) Replacement - NonOrganic	40 / 4.330	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 4.330	
1.1.4) Avionics Upgrade Program (AUP) Spiral I Retrofit - NonOrganic	49 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 0.500	
1.1.5) OBOGS Low Pressure Switch - NonOrganic	51 / 0.213	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.213	
1.1.6) Structural Improvement - NonOrganic	10 / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.040	
1.1.7) Archived ECPs - NonOrganic	1,094 / 4.466	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,094 / 4.466	
Subtotal Recurring	1,355 / 10.131	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,355 / 10.131	
Non-Recurring													
1.2.1) ECP Preparation - Organic	- / 0.018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.018	
1.2.2) Non-recurring Engineering - Organic	- / 1.104	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.104	
1.2.3) Tooling - Organic	- / 0.010	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.010	
Subtotal Non-Recurring	- / 1.132	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.132	
B Kits													
Recurring													
2.1.1) AUP Spiral I Retrofit (prior years) - Organic	49 / 0.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 0.002	
2.1.2) AUP Spiral I Retrofit (FY2011) - NonOrganic	10 / 0.297	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.297	
2.1.3) Avionics Upgrade Program (AUP) Spiral I Retrofit - NonOrganic	- / -	- / -	16 / 0.512	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.512	
2.1.4) Auto Ignition Relay - NonOrganic	- / -	- / -	2 / 0.077	32 / 0.085	- / -	32 / 0.085	- / -	- / -	- / -	- / -	- / -	34 / 0.162	
2.1.5) Avionics Obsolescence - NonOrganic	- / -	154 / 0.168	90 / 0.041	49 / 0.018	- / -	49 / 0.018	- / -	- / -	- / -	- / -	- / -	293 / 0.227	
2.1.6) Bundle A & B - NonOrganic	- / -	17 / 0.020	58 / 0.070	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	75 / 0.090	
2.1.7) CFIS Redesign - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.242	- / -	- / -	- / -	- / -	20 / 0.242	
2.1.8) Onboard Oxygen Generating System (OBOGS) Concentrator - NonOrganic	- / -	- / -	36 / 0.381	98 / 1.018	- / -	98 / 1.018	52 / 0.544	63 / 0.649	64 / 0.660	30 / 0.318	- / -	343 / 3.570	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)				Modification Nomenclature (Modification Number - Modification Title): 1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)				
Models of Systems Affected: T-6 A/B T-6 A/B			Type Modification: PS Safety					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.1.9) OBOGS Low Pressure Switch (prior years) - Organic	51 / 0.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.001
2.1.10) OBOGS Low Pressure Switch (FY 2011) - NonOrganic	42 / 0.222	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.222
2.1.11) OBOGS Low Pressure Switch - NonOrganic	- / -	37 / 0.209	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 0.209
2.1.12) PCL Cut-Off (FY 2011) - NonOrganic	146 / 0.747	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	146 / 0.747
2.1.13) Power Control Lever (PCL) Cut-Off (Current) - NonOrganic	- / -	- / -	54 / 0.270	50 / 0.250	- / -	50 / 0.250	138 / 0.693	- / -	- / -	- / -	- / -	242 / 1.213
2.1.14) Structural Improvement (prior years) - Organic	10 / 0.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.002
2.1.15) Canopy Seal Valve - NonOrganic	- / -	- / -	- / -	195 / 0.158	- / -	195 / 0.158	99 / 0.080	103 / 0.084	44 / 0.036	- / -	- / -	441 / 0.358
2.1.16) Cockpit Improvements - NonOrganic	- / -	197 / 0.037	54 / 0.010	54 / 0.010	- / -	54 / 0.010	- / -	- / -	- / -	- / -	- / -	305 / 0.057
2.1.17) Avionics Upgrade Program (AUP) Spiral II Retrofit (Future) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	292 / 1.741	292 / 1.741
2.1.18) Avionics Upgrade Program (Future) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	295 / 12.300	295 / 12.300
2.1.19) Ground Proximity Warning System (Future) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	291 / 0.133	291 / 0.133
2.1.20) Instrument Training Hood (Future) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	293 / 0.131	293 / 0.131
2.1.21) Landing Gear Control Handle Redesign (Future) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	75 / 0.428	115 / 0.667	- / -	- / -	190 / 1.095
2.1.22) Safe Arm Handle (Future) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 1.231	104 / 0.858	254 / 2.089
2.1.23) Voice Recorder (Future) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	291 / 2.897	291 / 2.897
2.1.24) Archived ECPs - Organic	1,149 / 1.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,149 / 1.252
Subtotal Recurring	1,457 / 2.523	405 / 0.434	310 / 1.361	478 / 1.539	- / -	478 / 1.539	309 / 1.559	241 / 1.161	223 / 1.363	180 / 1.549	1,566 / 18.060	5,169 / 29.549
Non-Recurring												
2.2.1) Non-recurring Engineering - Organic (1)	- / 0.022	- / 0.006	- / 0.086	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.114
Subtotal Non-Recurring	- / 0.022	- / 0.006	- / 0.086	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.114
Total, P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	2,812 / 13.808	405 / 0.440	310 / 1.447	478 / 1.539	- / -	478 / 1.539	309 / 1.559	241 / 1.161	223 / 1.363	180 / 1.549	1,566 / 18.060	6,524 / 40.926
Total Procurement, All Modifications	2,812 / 13.808	405 / 0.440	310 / 1.447	478 / 1.539	- / -	478 / 1.539	309 / 1.559	241 / 1.161	223 / 1.363	180 / 1.549	1,566 / 18.060	6,524 / 40.926
Support												
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) DATA - Publications	- / 0.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.025
3.3) Training Equipment	58 / 0.217	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	58 / 0.217

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)					Modification Nomenclature (Modification Number - Modification Title): 1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)			
Models of Systems Affected: T-6 A/B T-6 A/B			Type Modification: PS Safety					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.4) Support Equipment	- / 0.003	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.003
3.5) ILS	- / 0.011	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.011
3.6) Other Support ⁽²⁾	- / 0.314	- / 0.035	- / 0.090	- / 0.020	- / -	- / 0.020	- / 0.026	- / 0.445	- / 0.295	- / 0.139	- / -	- / 1.364
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.8) DAWDF Realignment	- / 1.894	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.894
Total Support, All Modifications	2.464	0.035	0.090	0.020	-	0.020	0.026	0.445	0.295	0.139	-	3.514
Total Procurement and Support	16.272	0.475	1.537	1.559	-	1.559	1.585	1.606	1.658	1.688	18.060	44.440
P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) Installation Cost	- / 6.146	- / 0.049	- / 0.015	- / 0.017	- / -	- / 0.017	- / 0.017	- / 0.018	- / 0.017	- / 0.017	- / 0.997	- / 7.293
Total Installation Cost	- / 6.146	- / 0.049	- / 0.015	- / 0.017	- / -	- / 0.017	- / 0.017	- / 0.018	- / 0.017	- / 0.017	- / 0.997	- / 7.293
Total Cost (Procurement + Support + Installation)	22.418	0.524	1.552	1.576	-	1.576	1.602	1.624	1.675	1.705	19.057	51.733

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)											
Models of Systems Affected: T-6 A/B T-6 A/B										Type Modification: PS Safety										Related RDT&E PEs:											
Manufacturer Information: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (<i>in Months</i>): 0													Production Leadtime (<i>in Months</i>): 0																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)													Method of Implementation: Contractor Field Mod Team								Installation Name: JPATs Correction of Deficiencies										
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years		1,553 / 6.146	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,553 / 6.146																		
FY 2012		- / -	405 / 0.049	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	405 / 0.049																		
FY 2013		- / -	- / -	310 / 0.015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	310 / 0.015																		
FY 2014		- / -	- / -	- / -	478 / 0.017	- / -	478 / 0.017	- / -	- / -	- / -	- / -	- / -	478 / 0.017																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	309 / 0.017	- / -	- / -	- / -	- / -	309 / 0.017																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	241 / 0.018	- / -	- / -	- / -	241 / 0.018																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	223 / 0.017	- / -	- / -	223 / 0.017																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	180 / 0.017	- / -	180 / 0.017																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,566 / 0.997	1,566 / 0.997																		
Total		1,553 / 6.146	405 / 0.049	310 / 0.015	478 / 0.017	- / -	478 / 0.017	309 / 0.017	241 / 0.018	223 / 0.017	180 / 0.017	1,566 / 0.997	5,265 / 7.293																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	1,553	100	101	101	103	78	77	77	78	118	119	120	121	77	77	78	77	60	61	61	59	55	56	56	56	44	44	45	47	1,566	5,265
Out	1,553	100	101	101	103	78	77	77	78	118	119	120	121	77	77	78	77	60	61	61	59	55	56	56	56	44	44	45	47	1,566	5,265
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)														Method of Implementation: Organic - AUP Spiral I Retrofit (prior years)								Installation Quantity: 49									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)
Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Organic - OBOGS Low Pressure Switch (prior years)	Installation Quantity: 51
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Organic - Structural Improvement (prior years)	Installation Quantity: 10
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Organic - Archived ECPs	Installation Quantity: 1149
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 58
Footnotes: (1) In FY12 to FY 13 NRE (Cost Element 2.2.1) exceeds OSD/OMB inflation rate because a greater number of ECPs are being executed in FY13 than FY12. (2) Other Support (cost element 3.6) is where the Bid and Proposal (B&P) costs are reflected for ECPs executed for that year. The increases are due to different types of ECPs in each year having different B&P costs.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods			

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:			

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	17.509	0.987	2.473	6.267	-	6.267	6.691	5.886	2.250	-	-	42.063
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	17.509	0.987	2.473	6.267	-	6.267	6.691	5.886	2.250	-	-	42.063
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	17.509	0.987	2.473	6.267	-	6.267	6.691	5.886	2.250	-	-	42.063

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds the Crashworthy Troop and Gunner seats for fielded MH-60S aircraft and will also be utilized for future Aviation Life Support Modifications as required.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - 030-12 Crashworthy Troop Seats	P3A				0.000			0.987			2.473			6.267			-			6.267
2 - Inactive OSIPs	P3A				17.509			-			-			-			-			-
Total Gross/Weapon System Cost					17.509			0.987			2.473			6.267			-			6.267

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - 030-12 Crashworthy Troop Seats	P3A				6.691			5.886			2.250			-			-			24.554
2 - Inactive OSIPs	P3A				-			-			-			-			-			17.509

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost				6.691			5.886			2.250			-			-			42.063		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: The FY 2014 Budget Request provides funding to procure 160 Gunner's Seats and 80 Installation Kits.																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods					Modification Nomenclature (Modification Number - Modification Title): 1 - 030-12 Crashworthy Troop Seats				
Models of Systems Affected: MH-60			Type Modification: SAFETY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.987	2.473	6.267	-	6.267	6.691	5.886	2.250	-	-	24.554
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.987	2.473	6.267	-	6.267	6.691	5.886	2.250	-	-	24.554
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.987	2.473	6.267	-	6.267	6.691	5.886	2.250	-	-	24.554
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
The currently fielded MH-60S Crashworthy Troop and Gunner Seats were not designed to provide protection (crash force attenuation) for average combat loaded personnel weight. Fielded seats were only designed and tested for the narrow anthropometric range of a 50% male at 175 pounds. and require a maintenance surveillance program to intermittently replace metal wire energy attenuators which experience internal cracks due to metal fatigue over service and shelf lifetime. The replacement of the troop seat and gunner seat with a non-developmental military qualified, crashworthy, in-production seat is low risk and will eliminate the need for lengthy nonrecurring engineering and testing. The replacement seats will improve crashworthy performance by upgrading the current energy attenuator design which is susceptible to metal fatigue failure and will improve survivability of aircrew and passengers during survivable crashes.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: A competitively awarded contract for completion of Non Recurring Engineering (NRE), and production options is anticipated in September 2013. NRE, prototype validation and verification will be performed in FY 2013-2014 and production installs will commence in FY2013. Planned procurement quantities are (135) Troop Seats in FY13, (160) Gunner Seats in FY14, (180)Gunner Seats in FY15, (152) Gunner Seats in FY16, and (52) Gunner Seats in FY17.												
The Crashworthy Troop Seats are Mission Equipment and will be installed at the "O" Level as required.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods				Modification Nomenclature (Modification Number - Modification Title): 1 - 030-12 Crashworthy Troop Seats				
Models of Systems Affected: MH-60				Type Modification: SAFETY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
030-12 Crashworthy Troop Seats												
A Kits												
Recurring												
1.1.1) MH-60S Gunner's Seat Kit - Organic - / - - / - - / - 80 / 1.760 - / - 80 / 1.760 90 / 2.014 76 / 1.729 26 / 0.602 - / - - / - 272 / 6.105												
1.1.2) MH-60S Troop Seat Kit - Organic - / - - / - 15 / 0.180 - / - - / - - / - - / - - / - 15 / 0.180												
Subtotal Recurring - / - - / - 15 / 0.180 80 / 1.760 - / - 80 / 1.760 90 / 2.014 76 / 1.729 26 / 0.602 - / - - / - 287 / 6.285												
B Kits												
Recurring												
2.1.1) MH-60S Gunner's Seat Equip - Organic - / - - / - - / - 160 / 3.520 - / - 160 / 3.520 180 / 4.027 152 / 3.459 52 / 1.203 - / - - / - 544 / 12.209												
2.1.2) MH-60S Troop Seat Equip - Organic - / - - / - 135 / 0.460 - / - - / - - / - - / - - / - 135 / 0.460												
Subtotal Recurring - / - - / - 135 / 0.460 160 / 3.520 - / - 160 / 3.520 180 / 4.027 152 / 3.459 52 / 1.203 - / - - / - 679 / 12.669												
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic - / - - / 0.500 - / 0.600 - / - - / - - / - - / - - / - - / - - / - - / 1.100												
Subtotal Non-Recurring - / - - / 0.500 - / 0.600 - / - - / - - / - - / - - / - - / - - / 1.100												
Total, 030-12 Crashworthy Troop Seats - / - - / 0.500 150 / 1.240 240 / 5.280 - / - 240 / 5.280 270 / 6.041 228 / 5.188 78 / 1.805 - / - - / - 966 / 20.054												
Total Procurement, All Modifications - / - - / 0.500 150 / 1.240 240 / 5.280 - / - 240 / 5.280 270 / 6.041 228 / 5.188 78 / 1.805 - / - - / - 966 / 20.054												
Support												
3.1) Engineering Change Orders - / 0.000 - / - - / - - / - - / - - / - - / - - / - - / - - / -												
3.2) Data - / - - / 0.030 - / 0.070 - / - - / - - / - - / - - / - - / - - / - - / 0.100												
3.3) Training Equipment - / 0.000 - / - - / - - / - - / - - / - - / - - / - - / - - / -												
3.4) Support Equipment - / 0.000 - / - - / - - / - - / - - / - - / - - / - - / - - / -												
3.5) ILS (1) - / - - / 0.145 - / 0.105 - / 0.224 - / - - / 0.224 - / 0.208 - / 0.208 - / 0.201 - / - - / - - / 1.091												
3.6) Other Support (2) - / - - / 0.312 - / 1.058 - / 0.763 - / - - / 0.763 - / 0.442 - / 0.490 - / 0.244 - / - - / - - / 3.309												
3.7) Interim Contractor Support - / 0.000 - / - - / - - / - - / - - / - - / - - / - - / - - / - - / -												
Total Support, All Modifications 0.000 0.487 1.233 0.987 - 0.987 0.650 0.698 0.445 - - 4.500												
Total Procurement and Support 0.000 0.987 2.473 6.267 - 6.267 6.691 5.886 2.250 - - 24.554												
Total Installation Cost - / - - / - - / - - / - - / - - / - - / - - / - - / -												
Total Cost (Procurement + Support + Installation) 0.000 0.987 2.473 6.267 - 6.267 6.691 5.886 2.250 - - 24.554												

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - 030-12 Crashworthy Troop Seats	
Models of Systems Affected: MH-60			Type Modification: SAFETY			Related RDT&E PEs:	
Manufacturer Information: 030-12 Crashworthy Troop Seats							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 030-12 Crashworthy Troop Seats			Method of Implementation: Organic - MH-60S Gunner's Seat Kit			Installation Quantity: 272	
Installation: 030-12 Crashworthy Troop Seats			Method of Implementation: Organic - MH-60S Troop Seat Kit			Installation Quantity: 15	
Installation: 030-12 Crashworthy Troop Seats			Method of Implementation: Organic - MH-60S Gunner's Seat Equip			Installation Quantity: 544	
Installation: 030-12 Crashworthy Troop Seats			Method of Implementation: Organic - MH-60S Troop Seat Equip			Installation Quantity: 135	
Footnotes: ⁽¹⁾ 1. FY13 - 17 Other support cost and FY14 - 17 ILS are higher than expected due to aircraft structure integration requirements. ⁽²⁾ FY 13-17 Other support cost and FY 14-17 ILS are higher than expected due to aircraft structure integration requirements.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	17.509	-	-	-	-	-	-	-	-	-	-	17.509
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	17.509	-	-	-	-	-	-	-	-	-	-	17.509
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	17.509	-	-	-	-	-	-	-	-	-	-	17.509
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - Inactive OSIPs

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Inactive OSIPs												
B Kits												
Non-Recurring												
1.1.1) Inactive OSIPs - Organic	- / 17.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.509
<i>Subtotal Non-Recurring</i>	- / 17.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.509
<i>Total, Inactive OSIPs</i>	- / 17.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.509
<i>Total Procurement, All Modifications</i>	- / 17.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.509
Total Procurement and Support	17.509	-	-	-	-	-	-	-	-	-	-	17.509
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	17.509	-	-	-	-	-	-	-	-	-	-	17.509

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:	
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s): 103,418,419												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,421.562	93.872	114.690	141.685	-	141.685	150.784	165.575	164.771	178.462	942.471	3,373.872
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,421.562	93.872	114.690	141.685	-	141.685	150.784	165.575	164.771	178.462	942.471	3,373.872
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,421.562	93.872	114.690	141.685	-	141.685	150.784	165.575	164.771	178.462	942.471	3,373.872
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
This line item funds common Electronic Countermeasures equipment (B kits) for multiple aircraft. The overall goal of the modification budget is to provide a reprogrammable radar and missile warning system, provide attacking missile declaration and sector direction finding, laser detection, and self protection capability devices to applicable user aircraft.

72-88 AAR-47: FY09 Overseas Contingency Operations (OCO) supplemental and FY10 OCO supplemental will fund procurement of 950 AAR-47 B(V)2 retrofit kits. FY-12 OCO provides funding for a Class I Engineering Change Proposal (ECP) to provide Computer Processor upgrade, improvements to B(V)2 processing for improved performance in Probability of Detection and False Alarm Rate, and address obsolescence issues in the AAR-47.

14-90 AN/APR-39(V)2: FY10 supplemental funding will complete the Class I ECP and cover deferred tasks, which includes (8) first-article shipsets for testing, APR-39 / AAR-47 software refinement, follow on test and evaluation to validate solutions and platform test and integration to support all current Radar Warning Receiver and Assault platforms using Aircraft Survivability Equipment.

06-00 ALE-39 to 47 Retrofit: FY09/FY10 OCO funds were also provided to procure AN/ALE-47 breech plates for CH-46, MV-22 and F/A-18 C/D lots 18-21 to provide more reliable countermeasures dispensing and ensure accurate onboard inventory reporting. FY-10 OCO funding is provided for additional dispensers/pods to increase mission duration and survivability for CH-53D/E. The FY10 OCO funds will provide for the procurement of additional production CH-53 Dual Dispenser Pods and the Non-Recurring Engineering/installation to increase the expendables capacity from 120 to 240. FY10 OCO funding is also provided to procure new AN/ALE-47 Test Sets (ALM-290) for F/A-18C/D, MV-22, HH-60 and P-3 to replace original version ALM-286 Test Sets that cannot declare ALE-47 as full mission capable due to the limitations of older system design.

07-03 IDECM: The Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure consists of an Onboard Electronic Countermeasure Set (ALQ-214), an Electronic Frequency Converter (EFC), an Improved Multi Platform Launch Controller and Fiber Optic Towed Decoy (FOTD) that improves the survivability of aircraft against modern Radio Frequency threats. This Operational, Safety and Improvement Program (OSIP) procures the ALQ-214 and the EFC.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy												Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0576 - Common ECM Equipment							

ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:							

MDAP/MAIS Code(s): 103,418,419

05-08 DIRCM: This OSIP will provide currently available technology improvements to survivability to United States Marine Corps aircraft operating in support of Operation Iraqi Freedom and Operation Enduring Freedom. FY2009 through FY2011 OCO funding will be used to procure A-Kits and B-kits, along with program support. FY 2014 OCO supports procurement, upgrades, test and fielding of Department of Navy Large Aircraft Infrared Countermeasure/ATW systems.

11-11 UC-35D ASE "A" kits is an Southwest Asia Marine Expeditionary Force Commanders lack light Operational Support Aircraft lift assets capable of operating in threat Surface To Air Missile environments of Southwest Asia (i.e. Iraq, Afghanistan).

04-12 Common On-Board Jammer: IDECM Block 4 is an ECP to the ALQ-214 intended to render it suitable for operation on the F/A-18C/D aircraft, while retaining all IDECM suite functionality when installed on F/A-18E/F aircraft. The EFC enables dataflow via the fiber optic cable to the Fiber Optic Towed Decoy (FOTD) and is part of the IB-4 configuration when installed on the F/A-18E/F aircraft. This OSIP procures the ALQ-214 and the EFC.

17-12 Correction of Discrepancies: This OSIP will provide the required correction to multiple sub components that are obsolete.

06-14 Joint Allied Threat and Awareness System (JATAS/AN/AAR-59): JATAS provides missile, laser, and hostile fire warning capability that can improve aircrew situational awareness and cue a Directed Infrared Countermeasure (DIRCM) and/or flares to counter evolving infrared (IR) guided missile threats. It will be installed on the MV-22B (lead platform), AH-1Z, UH-1Y, and MH-60R/S aircraft. Funding for this OSIP will start in FY14.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - AN/AAR-47 DETECTION (OSIP 072-88)	P3A				426.359			24.200			-			-			-			-
2 - AN/APR-39D(V)2 RWR (OSIP 014-90)	P3A				214.066			17.767			18.858			19.784			-			19.784
3 - ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	P3A				159.461			6.062			5.617			5.383			-			5.383
4 - INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)	P3A				269.285			-			-			-			-			-
5 - DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)	P3A				343.663			5.377			32.855			15.744			-			15.744
6 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).	P3A				3.700			-			-			-			-			-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0576 - Common ECM Equipment									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s): 103,418,419																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
7 - COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)	P3A				0.000			40.050			57.067			83.083			-			83.083
8 - Corrections of Discrepancies (OSIP 017-12)	P3A				0.000			0.416			0.293			0.336			-			0.336
9 - 06-14 Joint Allied Threat and Awareness System (JATAS):	P3A				0.000			-			-			17.355			-			17.355
10 - Inactive OSIPs	P3A				5.028			-			-			-			-			-
Total Gross/Weapon System Cost					1,421.562			93.872			114.690			141.685			-			141.685

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - AN/AAR-47 DETECTION (OSIP 072-88)	P3A				-			-			-			-			-			450.559
2 - AN/APR-39D(V)2 RWR (OSIP 014-90)	P3A				13.419			3.700			-			10.800			-			298.394
3 - ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	P3A				5.749			5.581			-			-			-			187.853
4 - INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)	P3A				-			-			-			-			-			269.285
5 - DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)	P3A				11.691			3.313			3.562			-			-			416.205
6 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).	P3A				-			-			-			-			-			3.700
7 - COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)	P3A				102.055			132.981			51.417			52.261			47.850			566.764
8 - Corrections of Discrepancies (OSIP 017-12)	P3A				0.340			0.487			0.498			-			-			2.370
9 - 06-14 Joint Allied Threat and Awareness System (JATAS):	P3A				17.530			19.513			109.294			115.401			894.621			1,173.714
10 - Inactive OSIPs	P3A				-			-			-			-			-			5.028
Total Gross/Weapon System Cost					150.784			165.575			164.771			178.462			942.471			3,373.872

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0576 - Common ECM Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): 103,418,419		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: The Joint Allied Threat and Awareness System starts in FY14 under OSIP 06-14.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (Modification Number - Modification Title): 1 - AN/AAR-47 DETECTION (OSIP 072-88)				
Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22			Type Modification: MISSION CAPABILITY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	426.359	24.200	-	-	-	-	-	-	-	-	-	450.559
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	426.359	24.200	-	-	-	-	-	-	-	-	-	450.559
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	426.359	24.200	-	-	-	-	-	-	-	-	-	450.559
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION: The AN/AAR-47 warns of approaching missiles by detecting radiation associated with rocket motors and automatically initiates flare ejection. Detection algorithms are used to discriminate against non-approaching radiation sources. The AN/AAR-47 was a passive missile approach warning system consisting of four sensor assemblies housed in two or more sensor domes, a central processor unit and a control indicator. The AN/AAR-47 provides attacking missile declaration and sector direction finding as will be interfaced directly to the ALE-39/47 countermeasures dispenser. Without the AAR-47, helicopters and fixed wing aircraft have no capability to detect an infrared missile attack. Supplemental funds were received in FY 07 to provide AAR-47B(V)2 Probability of Detection Improvement Engineering Change Proposal (ECP) Retrofit Program. Current deployed system has performance limitations in certain Overseas Contingency Operations (OCO) operating environments; the ECP supports United States Marine Corps (USMC) Universal Urgent Need Statement (UUNS) #03606UC. FY 09 and FY10 OCO supplemental funded a Class I ECP and improved Missile Warning capabilities in support of UUNS #03606UC for United States Navy (USN)/USMC Assault Aircraft. Fielded Missile Warning System has performance limitations in certain OCO operational environments. USN/USMC assault aircraft will continue to be susceptible to the Man-portable Air Defense threat in certain operating environments.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Milestone II was passed in 1982. Operational Evaluation (on the CH-53E) was passed in October 1986. Milestone III was passed in May 1987 for full production with extension of application to all other platforms. Production of 709 systems and preparation of a Level III data package followed, with deliveries completed in early 1992. Under full and open competition, a contract for up to 1200 systems was awarded to Hercules (now Alliant) in December 1991. Actual orders were for Lockheed Martin in September 1995. Deliveries began in January 1997 and were completed in July 1999. There are two upgrade programs: The Computer Processor (CP) Microprocessor upgrade program FY97-FY99 replaced the 8086 Micro Processor (MP) board with an MP 80486 Board with new software to enhance threat declaration and to better control false alarms. The second Upgrade; AAR-47(V)2 Sensor upgrade, contained two phases; Phase one upgraded the Ultra Violet sensors with a solid state spectral filter assembly with embedded Laser warning capability. Phase two incorporated a Class I Sensor ECP (Dynamic Blanking) which upgraded the AAR-47(V)2 Sensors to the AAR-47A(V)2 sensor design. Due to the current operational environment a third Sensor Class I ECP is required which improves probability of detection in the current theaters of operation. The FY07 Supplemental funded the procurement of 5 First Article Test units for USMC/USN/United States Air Force Operational Assessment and the accelerated development of a Class I ECP for AAR-47B(V)2 for												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/AAR-47 DETECTION (OSIP 072-88)
Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
multiple Type/Model/Series and delivery of 300 PDX upgrade kits consisting of four sensors and one CP unit. This is an O-level replacement with the existing sensors being sent to the contractor, upgraded and then sent back to the fleet. The AAR-47B(V)2 reached Initial Operational Capability status in October 2008. Congressional Add funds provided in FY08 funded the Operational Flight Software for the Hostile Fire Indication (HFI) Capability. FY08 supplemental funds are a payback for utilization of AAR-47 baseline budget for OCO requirements. FY09 and FY10 OCO supplemental funds procured 950 AAR-47 B(V)2 retrofit kits. Congressional Add funds provided in FY09 and FY10 funded the AAR47 Operator Interface and the continued HFI Capability effort. FY12 and FY14 OCO provides funding for a Class I ECP to provide CP upgrade, Smart dispense and improvements to B(V)2 processing for improved performance in Probability of Detection and False Alarm Rate, and address obsolescence issues in the AAR-47.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					Modification Nomenclature (Modification Number - Modification Title): 1 - AN/AAR-47 DETECTION (OSIP 072-88)			
Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AN/AAR-47 DETECTION (OSIP 072-88)												
A Kits												
Recurring												
1.1.1) OCO AAR-47B(V)2 Retrofit Kits - Organic	1,160 / 57.215	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,160 / 57.215
Subtotal Recurring	1,160 / 57.215	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,160 / 57.215
B Kits												
Recurring												
2.1.1) SENSOR UPGRADE EQUIPMENT - Organic	1,836 / 53.828	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,836 / 53.828
2.1.2) OCO Sensor Upgrade Equip - Organic	- / 2.348	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.348
2.1.3) FY05 OCO CP Upgrade Equip - Organic	1 / 0.308	- / 10.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 10.718
2.1.4) FY05 OCO Sensor Upgrade Equip - Organic	98 / 3.672	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	98 / 3.672
2.1.5) FY06 Title 9 OCO Dynamic Blk - Organic	4 / 8.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 8.100
2.1.6) FY07 Title 9 OCO (PDX) - Organic	- / 30.208	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 30.208
2.1.7) AAR-47 INSTALL EQUIP - Organic	1,250 / 90.223	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,250 / 90.223
2.1.8) FY04 Title 9 OCO Sensor Upgrade - Organic	151 / 11.285	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	151 / 11.285
2.1.9) FY10 Cong Add CP Upgrade Equip - Organic	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000
Subtotal Recurring	3,340 / 201.972	- / 10.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,340 / 212.382
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 24.579	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.579
Subtotal Non-Recurring	- / 24.579	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.579
Total, AN/AAR-47 DETECTION (OSIP 072-88)	4,500 / 283.766	- / 10.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,500 / 294.176
Total Procurement, All Modifications	4,500 / 283.766	- / 10.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,500 / 294.176
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) CP UPGRADE EQUIP	- / 7.679	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.679
3.3) OCO CP UPGRADE EQUIP	- / -	- / 4.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.500
3.4) Dynamic Blanking	- / 1.903	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.903
3.5) FY05 OCO Dynamic Blanking	- / 8.921	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.921

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (Modification Number - Modification Title): 1 - AN/AAR-47 DETECTION (OSIP 072-88)				
Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.6) FY04 Title 9 OCO Dynamic Blanking	- / 0.572	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.572
3.7) FY07 Sup PDX Upgrade Kit	300 / 18.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	300 / 18.800
3.8) CDP Phase 2	- / 2.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.400
3.9) OCO CDP Phase 3	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000
3.10) FY08 Cong Add Hostile Fire Operational Flight SW	- / 3.973	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.973
3.11) FY09 Cong Add Hostile Fire Operational Flight SW	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.12) OCO Modular Non-volatile Selectable Storage Recorder	- / 2.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.560
3.13) OCO UMP Rehosting	- / 4.974	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.974
3.14) FY10 Cong Add Hostile Fire Indicator	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000
3.15) Data	- / 1.952	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.952
3.16) OCO Data	- / 0.474	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.474
3.17) Training Equipment	- / 0.637	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.637
3.18) Test Equipment	- / 1.848	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.848
3.19) Support Equipment	- / 8.571	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.571
3.20) OCO Support Equipment	- / 0.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.350
3.21) OCO Background Data Recording Card	- / 2.542	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.542
3.22) ILS	- / 5.582	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.582
3.23) OCO ILS	- / 1.238	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.438
3.24) Other Support	- / 51.030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.030
3.25) OCO Other Support	- / 9.587	- / 9.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.677
3.26) CONG ADD Other Support	- / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.000
3.27) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	142.593	13.790	-	-	-	-	-	-	-	-	-	156.383
Total Procurement and Support	426.359	24.200	-	-	-	-	-	-	-	-	-	450.559
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	426.359	24.200	-	-	-	-	-	-	-	-	-	450.559

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - AN/AAR-47 DETECTION (OSIP 072-88)	
Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22			Type Modification: MISSION CAPABILITY			Related RDT&E PEs:	
Manufacturer Information: AN/AAR-47 DETECTION (OSIP 072-88)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: AN/AAR-47 DETECTION (OSIP 072-88)			Method of Implementation: Not Installed - OCO AAR-47B(V)2 Retrofit Kits			Installation Quantity: 1160	
Installation: AN/AAR-47 DETECTION (OSIP 072-88)			Method of Implementation: Not Installed - SENSOR UPGRADE EQUIPMENT			Installation Quantity: 1836	
Installation: AN/AAR-47 DETECTION (OSIP 072-88)			Method of Implementation: Not Installed - FY05 OCO CP Upgrade Equip			Installation Quantity: 1	
Installation: AN/AAR-47 DETECTION (OSIP 072-88)			Method of Implementation: Not Installed - FY05 OCO Sensor Upgrade Equip			Installation Quantity: 98	
Installation: AN/AAR-47 DETECTION (OSIP 072-88)			Method of Implementation: Not Installed - FY06 Title 9 OCO Dynamic Blk			Installation Quantity: 4	
Installation: AN/AAR-47 DETECTION (OSIP 072-88)			Method of Implementation: Not Installed - AAR-47 INSTALL EQUIP			Installation Quantity: 1250	
Installation: AN/AAR-47 DETECTION (OSIP 072-88)			Method of Implementation: Not Installed - FY04 Title 9 OCO Sensor Upgrade			Installation Quantity: 151	
Installation: AN/AAR-47 DETECTION (OSIP 072-88)			Method of Implementation: Not Installed - FY07 Sup PDX Upgrade Kit			Installation Quantity: 300	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/APR-39D(V)2 RWR (OSIP 014-90)			

Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	214.066	17.767	18.858	19.784	-	19.784	13.419	3.700	-	10.800	-	298.394
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	214.066	17.767	18.858	19.784	-	19.784	13.419	3.700	-	10.800	-	298.394
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	214.066	17.767	18.858	19.784	-	19.784	13.419	3.700	-	10.800	-	298.394

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION / JUSTIFICATION: The AN/APR-39A/B/C/D(V)2 Radar Signal Detecting Set is designed for use on United States (US) Marine Corps, US Navy, US Air Force, and US Army Assault Support aircraft to provide onboard situational awareness and warning of radar threats. The AN/APR-39A/B/C/D(V)2 also provides control and display of the AAQ-24, AAR-59, and AAR-47 Missile Warning System and Chaff dispense commands to the ALE-47 Counter Measure Dispensing System. The APR-39A/B/C/D(V)2 consists of five antennas, one Cockpit Control unit, one Display Indicator, two, three, or four receivers, and one processor. FY10 Supplemental Funding supported a Class I Engineering Change Proposal (ECP) Computer Processor (CP) sustainment upgrade program. FY12 thru FY15 funding will support a Class I ECP, APR-39D(V)2, that corrects part I major deficiencies against the Radar Warning Receiver (RWR) noted in AH-1W, MV-22 and KC-130T Operational Evaluation (OpEval) reports. The current RWR provides inaccurate Direction Of Arrival information, time delayed detection and identification of threat emitters causing loss of situational awareness to combat aircrews. 12 (twelve) validation/verification systems will be procured to support platform integration and suitability testing on the MV-22B aircraft System Integration Lab and Verification of Correction of Deficiency Flights. Upgraded Kits will be procured in FY15.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AN/APR-39A/B(V)2 is in the Aircraft Procurement, Navy (APN)-1 Post Production and sustainment phase (MSIII3Q/96). The US Navy is the lead service of this joint service program. The US Army awarded the production contract 3Q/96, and continues to administer the contract. US Navy delivery of production systems commenced June 1999. Procurement of an /APR-39A/B(V)2 for the additional requiring platforms will be by extension of application with the required follow-on test and evaluation conducted on each platform. The AN/APR-39B(V)2 is glass cockpit compatible for H-1 upgrades. FY08 Overseas Contingency Operations (OCO) supplemental funded the development of the Computer Processor Unit (CPU) ECP upgrade B(V)X program. This included incorporation of the Army APR-39A(V)X CPU and Memory Circuit Card Assemblies. FY10 supplemental funding completed the class I ECP and cover deferred tasks, which includes (8) first-article ship sets for testing, APR-39 / AAR-47 software refinement, Follow On Test & Evaluation to validate solutions and platform test and integration to support all current RWR and Assault platforms using Assault Survivability Equipment. The MV-22, AH-1Z, UH-1Y, CH-53K and MH-60S platforms have planned APN-1 procurement of APR-39 systems in FY2010 and beyond. FY09 supplemental funded the combined Operator Interface effort with the AAR-47. FY10 OCO funded the Class I ECP CP upgrade to the APR-39C(V)2. FY12 - FY15 funds will fund the Class I ECP for the APR-39D(V)2 to correct part I major deficiencies noted during OpEval testing of the APR-39 system.)

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 2 - AN/APR-39D(V)2 RWR (OSIP 014-90)
Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
Increase in D(V)2 ECP effort in FY13 is due to NRE costs of negotiated contract with OEM for correction of major deficiencies. Increase in Other Support Costs in FY13, FY14, and FY15 is due to test of the D(V)2 ECP effort.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (Modification Number - Modification Title): 2 - AN/APR-39D(V)2 RWR (OSIP 014-90)				
Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AN/APR-39D(V)2 RWR (OSIP 014-90)												
A Kits												
Recurring												
1.1.1) Install Kits - Organic	7 / 0.238	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.238
Subtotal Recurring	7 / 0.238	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.238
B Kits												
Recurring												
2.1.1) FY05 OCO (Install Equip) APR39A - Organic	24 / 5.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 5.005
2.1.2) Install Equip (AVR-2) - Organic	254 / 32.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	254 / 32.249
2.1.3) Install Equip AN/APR-39A/D(V)2 - Organic	- / -	- / -	- / -	11 / 8.457	- / -	11 / 8.457	10 / 5.020	2 / 1.429	- / -	13 / 8.930	- / -	36 / 23.836
2.1.4) OCO Install Equip AN/APR-39A/B(V)2 - Organic	463 / 76.783	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	463 / 76.783
2.1.5) Title IX Supplemental (Install Equip) 39a - Organic	4 / 5.067	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 5.067
Subtotal Recurring	745 / 119.104	- / -	- / -	11 / 8.457	- / -	11 / 8.457	10 / 5.020	2 / 1.429	- / -	13 / 8.930	- / -	781 / 142.940
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 16.707	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.707
Subtotal Non-Recurring	- / 16.707	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.707
Total, AN/APR-39D(V)2 RWR (OSIP 014-90)	752 / 136.049	- / -	- / -	11 / 8.457	- / -	11 / 8.457	10 / 5.020	2 / 1.429	- / -	13 / 8.930	- / -	788 / 159.885
Total Procurement, All Modifications	752 / 136.049	- / -	- / -	11 / 8.457	- / -	11 / 8.457	10 / 5.020	2 / 1.429	- / -	13 / 8.930	- / -	788 / 159.885
Support												
3.1) ECO	- / 20.852	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.852
3.2) OCO ECO	- / 3.834	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.834
3.3) OCO B(V)X Computer Processor ECP	- / 1.870	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.870
3.4) D(V)2 System ECP	- / -	- / 15.467	- / 14.319	- / 3.023	- / -	- / 3.023	- / 1.235	- / -	- / -	- / -	- / -	- / 34.044
3.5) Data	- / 1.024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.024
3.6) Training Equipment	- / 0.960	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.960
3.7) Support Equipment	- / 2.082	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.082
3.8) OCO Support Equipment	- / 1.073	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.073
3.9) ILS	- / 6.309	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.309

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/APR-39D(V)2 RWR (OSIP 014-90)				

Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K			Type Modification: MISSION CAPABILITY				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.10) OCO ILS	- / 0.351	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.351
3.11) Other Support ⁽¹⁾	- / 33.540	- / 2.300	- / 4.539	- / 8.304	- / -	- / 8.304	- / 7.164	- / 2.271	- / -	- / 1.870	- / -	- / 59.988
3.12) OCO Other Support	- / 6.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.122
3.13) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	78.017	17.767	18.858	11.327	-	11.327	8.399	2.271	-	1.870	-	138.509
Total Procurement and Support	214.066	17.767	18.858	19.784	-	19.784	13.419	3.700	-	10.800	-	298.394
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	214.066	17.767	18.858	19.784	-	19.784	13.419	3.700	-	10.800	-	298.394

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/APR-39D(V)2 RWR (OSIP 014-90)	
Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K			Type Modification: MISSION CAPABILITY			Related RDT&E PEs:	
Manufacturer Information: AN/APR-39D(V)2 RWR (OSIP 014-90)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: AN/APR-39D(V)2 RWR (OSIP 014-90)			Method of Implementation: Not Installed - Install Kits			Installation Quantity: 7	
Installation: AN/APR-39D(V)2 RWR (OSIP 014-90)			Method of Implementation: Not Installed - FY05 OCO (Install Equip) APR39A			Installation Quantity: 24	
Installation: AN/APR-39D(V)2 RWR (OSIP 014-90)			Method of Implementation: Not Installed - Install Equip (AVR-2)			Installation Quantity: 254	
Installation: AN/APR-39D(V)2 RWR (OSIP 014-90)			Method of Implementation: Not Installed - Install Equip AN/ APR-39A/D(V)2			Installation Quantity: 36	
Installation: AN/APR-39D(V)2 RWR (OSIP 014-90)			Method of Implementation: Not Installed - OCO Install Equip AN/ APR-39A/B(V)2			Installation Quantity: 463	
Installation: AN/APR-39D(V)2 RWR (OSIP 014-90)			Method of Implementation: Not Installed - Title IX Supplemental (Install Equip) 39a			Installation Quantity: 4	
Footnotes: ⁽¹⁾ An increase in procurement quantity between FY13 and FY14 from 0 to 11 units has led to an increase in support costs associated with the procurement of the 11 units.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)				
Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, SH-60B				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	159.461	6.062	5.617	5.383	-	5.383	5.749	5.581	-	-	-	187.853
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	159.461	6.062	5.617	5.383	-	5.383	5.749	5.581	-	-	-	187.853
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	159.461	6.062	5.617	5.383	-	5.383	5.749	5.581	-	-	-	187.853
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: The replacement of the AN/ALE-39 Dispenser System with the AN/ALE-47 will correct serious safety problems and greatly improve aircraft survivability. As a joint program, Under Secretary of Defense (Acquisition Technology & Logistics) memo of November 1986 directed United States (U.S.) Navy and U.S. Army to participate in the U.S. Air Force (USAF) Engineering Manufacturing Development phase. Requirements were established by USAF Statement of Operational Requirements Document number 341.88-II-D of 8 July 92. Operational, Safety and Improvement Program 006-00 was initially established for the retrofit of multiple Type/Model/Series, but operational requirements in support of Overseas Contingency Operations (OCO) resulted in accelerated installs and additional aircraft being identified for retrofit incorporation with FY-04/05 OCO Supplemental funds. FY-07/08 OCO Supplemental funds added a PowerPC processor upgrade and additional dispenser pods for increased capacity and forward firing capability on assault platforms. FY-09 - 16 provides funding for retrofit installation of AN/ALE-47 on F/A-18/C/D aircraft lots 12-17. FY-09 OCO funds were also provided to procure AN/ALE-47 breech plates for CH-46, MV-22 and F/A-18 C/D lots 18-21 to provide more reliable countermeasures dispensing and ensure accurate onboard inventory reporting. FY-10 OCO funding was provided for additional dispensers/pods to increase mission duration and survivability for CH-53D/E, the procurement of additional production Dual Dispenser Pods and the Non-Recurring Engineering/ installation to increase the expendables capacity from 120 to 240. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AN/ALE-47 system is in production and being installed in multiple U.S. Navy, U.S. Marine Corp and USAF aircraft. Milestone III decision awarded March 1993. Production system components are being procured under Air Force contract FA8540-06-D-0002 awarded November 2006. The urgent requirement contract for the dual dispenser pod prototype was awarded February 2009. The contract for the AH-1W dual dispenser pods was awarded February 2009. An Undefinitized Contract Action for CH-53D/E dual dispenser pod production was awarded July 2009, August 2009 and December 2009, with the definitization awarded June 2010. PowerPC Processor Upgrade contract was awarded March 2010. The F/A-18C/D retrofit kits were increased to accommodate production capability/aircraft availability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)
Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, SH-60B	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					Modification Nomenclature (Modification Number - Modification Title): 3 - .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)				
Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, SH-60B				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
.ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)													
A Kits													
Recurring													
1.1.1) AV8 Kit - Organic ⁽²⁾	48 / 0.921	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 0.921	
1.1.2) EA6B Kit - Organic ⁽³⁾	35 / 0.336	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 0.336	
1.1.5) OCO CH-53E A-Kit - NonOrganic ⁽⁴⁾	302 / 1.324	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	302 / 1.324	
1.1.6) OCO CH-53E Interface Kit - Organic	304 / 1.784	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	304 / 1.784	
1.1.7) F/A-18 A-Kit - NonOrganic ⁽⁵⁾	52 / 1.696	42 / 1.806	38 / 1.672	33 / 1.485	- / -	33 / 1.485	38 / 1.761	37 / 1.766	- / -	- / -	- / -	240 / 10.186	
1.1.8) A Kits (Various Platforms) - Organic ⁽⁶⁾	1,850 / 12.744	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,850 / 12.744	
1.1.9) PY Installs - Organic	- / 3.570	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.570	
Subtotal Recurring	2,591 / 22.375	42 / 1.806	38 / 1.672	33 / 1.485	- / -	33 / 1.485	38 / 1.761	37 / 1.766	- / -	- / -	- / -	2,779 / 30.865	
Non-Recurring													
1.2.1) Installation Kit N/R - Organic	- / 3.201	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.201	
1.2.2) ECP Val/Ver Kits - Organic	10 / 2.109	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.109	
1.2.3) OCO CH-53D/E Val/Ver A Kits - Organic	4 / 0.442	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.442	
1.2.4) OCO CH-53D/E Val/Ver B Kits - Organic	4 / 0.441	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.441	
1.2.5) F/A-18 Val/Ver - Organic	4 / 0.265	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.265	
Subtotal Non-Recurring	22 / 6.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 6.458	
B Kits													
Recurring													
2.1.1) FY05 SPP (Install Equip) B Kits - Organic	266 / 2.961	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	266 / 2.961	
2.1.2) 39 Sequencer Switches - Organic	1 / 1.950	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.950	
2.1.4) OCO CH-53E B Kits - Organic	302 / 10.495	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	302 / 10.495	
2.1.5) OCO Breechplates - Organic	2,774 / 2.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,774 / 2.410	
2.1.6) F/A-18 B Kits - Organic ⁽⁷⁾	45 / 1.996	42 / 1.723	38 / 1.596	33 / 1.419	- / -	33 / 1.419	38 / 1.683	37 / 1.688	- / -	- / -	- / -	233 / 10.105	
2.1.7) TACAIR/HELOS Equip - Organic	2,770 / 50.905	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,770 / 50.905	
2.1.8) Title 9 Supplemental - Organic	7 / 5.577	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 5.577	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)				
Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, SH-60B				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Subtotal Recurring</i>	6,165 / 76.294	42 / 1.723	38 / 1.596	33 / 1.419	- / -	33 / 1.419	38 / 1.683	37 / 1.688	- / -	- / -	- / -	6,353 / 84.403
<i>Total, .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)</i>	8,778 / 105.127	84 / 3.529	76 / 3.268	66 / 2.904	- / -	66 / 2.904	76 / 3.444	74 / 3.454	- / -	- / -	- / -	9,154 / 121.726
<i>Total Procurement, All Modifications</i>	8,778 / 105.127	84 / 3.529	76 / 3.268	66 / 2.904	- / -	66 / 2.904	76 / 3.444	74 / 3.454	- / -	- / -	- / -	9,154 / 121.726
Support												
3.1) Equip ECO	- / 0.783	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.783
3.2) Data	- / 0.056	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.056
3.3) Training Equip	- / 3.185	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.185
3.4) Support Equip	- / 3.236	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.236
3.5) OCO Support Equipment	- / 0.857	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.857
3.6) F/A-18 ALM-290 Test Sets ⁽⁸⁾	- / 0.607	- / 0.247	- / 0.235	- / 0.258	- / -	- / 0.258	- / 0.288	- / -	- / -	- / -	- / -	- / 1.635
3.7) FY05 Supp	- / 1.156	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.156
3.8) Title 9 Supplemental	- / 1.333	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.333
3.9) ILS	- / 1.333	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.333
3.10) OCO ILS CH-53D/E	- / 1.862	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.862
3.11) Other Support	- / 27.092	- / 0.786	- / 0.556	- / 0.331	- / -	- / 0.331	- / 0.383	- / 0.487	- / -	- / -	- / -	- / 29.635
3.12) OCO Other Support	- / 8.856	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.856
3.13) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Support, All Modifications</i>	50.356	1.033	0.791	0.589	-	0.589	0.671	0.487	-	-	-	53.927
<i>Total Procurement and Support</i>	155.483	4.562	4.059	3.493	-	3.493	4.115	3.941	-	-	-	175.653
.ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) Installation Cost	- / 3.978	- / 1.500	- / 1.558	- / 1.890	- / -	- / 1.890	- / 1.634	- / 1.640	- / -	- / -	- / -	- / 12.200
<i>Total Installation Cost</i>	- / 3.978	- / 1.500	- / 1.558	- / 1.890	- / -	- / 1.890	- / 1.634	- / 1.640	- / -	- / -	- / -	- / 12.200
Total Cost (Procurement + Support + Installation)	159.461	6.062	5.617	5.383	-	5.383	5.749	5.581	-	-	-	187.853

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)				
Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, SH-60B				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:				
Manufacturer Information: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)												
Manufacturer Name: FRCSE/FRC SW - F/A-18 C/D Installations							Manufacturer Location: Jacksonville, FL/San Diego, CA					
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 4					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates	Nov 2011	Nov 2012	Nov 2013	Nov 2014	Nov 2015							
Delivery Dates	Feb 2012	Feb 2013	Feb 2014	Feb 2015	Feb 2016							
Manufacturer Name: DTIC - CH-53 D/E Installations							Manufacturer Location: Jacksonville, FL/San Diego, CA					
Administrative Leadtime (<i>in Months</i>): 0							Production Leadtime (<i>in Months</i>): 0					
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)				Method of Implementation: Depot Level Installation				Installation Name: CH-53E Installation Costs				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	114 / 1.973	37 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	151 / 1.973
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	114 / 1.973	37 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	151 / 1.973

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Exhibit P-3A, Individual Modification: PB 2014 Navy																							Date: April 2013								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0576 - Common ECM Equipment											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)									
Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, SH-60B											Type Modification: MISSION CAPABILITY											Related RDT&E PEs:									
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)											Method of Implementation: Depot Level Installation											Installation Name: CH-53E Installation Costs									
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	114	19	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151
Out	82	32	19	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)											Method of Implementation: Depot Level Installation											Installation Name: F/A-18C Installation Costs									
		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
Installation Cost		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		52 / 2.005		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		52 / 2.005					
FY 2012		- / -		42 / 1.500		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		42 / 1.500					
FY 2013		- / -		- / -		38 / 1.558		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		38 / 1.558					
FY 2014		- / -		- / -		- / -		33 / 1.890		- / -		33 / 1.890		- / -		- / -		- / -		- / -		- / -		- / -		33 / 1.890					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		38 / 1.634		- / -		- / -		- / -		- / -		- / -		38 / 1.634					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		37 / 1.640		- / -		- / -		- / -		- / -		37 / 1.640					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		52 / 2.005		42 / 1.500		38 / 1.558		33 / 1.890		- / -		33 / 1.890		38 / 1.634		37 / 1.640		- / -		- / -		- / -		- / -		240 / 10.227					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	52	-	14	16	12	-	12	13	13	-	10	10	13	-	10	15	13	-	10	14	13	-	-	-	-	-	-	-	-	-	240
Out	48	4	-	14	16	12	-	12	13	13	-	10	10	13	-	10	15	13	-	10	14	13	-	-	-	-	-	-	-	-	240
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)											Method of Implementation: Not Installed - AV8 Kit											Installation Quantity: 48									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)
Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, SH-60B	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - EA6B Kit	Installation Quantity: 35
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO CH-53E Interface Kit	Installation Quantity: 304
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - A Kits (Various Platforms)	Installation Quantity: 1850
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - ECP Val/Ver Kits	Installation Quantity: 10
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO CH-53D/E Val/Ver A Kits	Installation Quantity: 4
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO CH-53D/E Val/Ver B Kits	Installation Quantity: 4
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - F/A-18 Val/Ver	Installation Quantity: 4
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - FY05 SPP (Install Equip) B Kits	Installation Quantity: 266
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - 39 Sequencer Switches	Installation Quantity: 1
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO CH-53E B Kits	Installation Quantity: 302
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO Breechplates	Installation Quantity: 2774
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Organic - F/A-18 B Kits	Installation Quantity: 233
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - TACAIR/HELOS Equip	Installation Quantity: 2770
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - Title 9 Supplemental	Installation Quantity: 7

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)
Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, SH-60B	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
Footnotes: (2) Kit installs were funded by individual platforms. (3) Kit installs were funded by individual platforms. (4) Delays in Technical Directive development and flight test aircraft availability prolonged both the procurement and planned installations. Unanticipated sundown of the CH-53D required modifications to the procurement contract, which delayed equipment deliveries. Due to limited availability of organic aircraft mod teams, installs needed to be performed by contract labor. Difficulties in securing a contract vehicle for these installations, as well as aircraft availability, further delayed schedule. FY10 OCO funds the kits and installation costs to be awarded in FY10 for installs occurring FY11, FY12. The FY10 kits are (151) CH-53E shipset installs from the (302) A-kits (151 left side A-kits, 151 right side A-kits). (5) Kit purchases include A Kits; AV8 Kits, EA6B Kits, CH-53 and N/R (Val/Ver) Kits. The increase in unit costs for the F/A-18 A-kits is due to various miscellaneous parts and cable assemblies not being manufactured by FRCSW any longer, but being procured through contract. Delays in approval of Technical Directive and aircraft availability caused delays in the install schedule. (6) Of the total kits purchased in PY, supporting AH-1W, CH-46E, UH-1N platforms, only 1,026 installs were funded by this program; the remaining kit installs were funded by individual platforms. All installs PY, see PY Install cost element for funded amount. (7) The increase in unit costs for the F/A-18 B-kits is due to re-negotiation of the Air Force's procurement contract for programmers and sequencers. The previous contract was negotiated from FY06-FY11 and the unit pricing came in higher when the FY12 contract was negotiated. (8) The increase in total costs for the ALM-290 test sets is due to the increased labor rates for manufacturing and increased pricing for miscellaneous components that are nearing obsolescence being procured through contract.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (Modification Number - Modification Title): 4 - INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)				
Models of Systems Affected: F/A-18E/F			Type Modification: MISSION CAPABILITY					Related RDT&E PEs: 0604270N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	269.285	-	-	-	-	-	-	-	-	-	-	269.285
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	269.285	-	-	-	-	-	-	-	-	-	-	269.285
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	269.285	-	-	-	-	-	-	-	-	-	-	269.285
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure (RFCM) consists of an Onboard Electronic Countermeasure Set, an Electronic Frequency Converter (EFC), an Improved Multi Platform Launch Controller and Fiber Optic Towed Decoy (FOTD) that improves the survivability of aircraft against modern Radio Frequency threats. The IDECM RFCM Operational Requirements Document numbers are 494-88-98, 624-78-03 and 730-88-07. Current IDECM RFCM configurations are: Block 1 (IB-1) consisting of the ALQ-165 and ALE-50 (AAED); IDECM Block 2 (IB-2) consisting of the ALQ-214 and the ALE-50 (Advanced Airborne Expendable Decoy); IDECM Block 3 (IB-3) consisting of ALQ-214, the ALE-55 (FOTD), and the EFC. The EFC enables dataflow via the fiber optic cable to the decoy. This Operational Safety Improvement Program (OSIP) is for the onboard portion of the IDECM Blocks 2 and 3 configuration. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: IDECM Block 2 received MS III approval in January 2004. Full Rate Production contracts 1-8 were awarded in FY04-FY11 respectively. FY11 completes a total of 85 ALQ-214s procured via OSIP 007-03. A total of 190 ALQ-214s are planned for procurement via the Common On-Board Jammer OSIP 04-12. FY09 and FY10 Congressional Add provided funds for ALQ-214 phased depot stand-up focused on system/verification testing and repair of Weapon Repairable Assemblies and Shop Repairable Assemblies.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (Modification Number - Modification Title): 4 - INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)				
Models of Systems Affected: F/A-18E/F				Type Modification: MISSION CAPABILITY				Related RDT&E PEs: 0604270N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)												
B Kits												
Recurring												
2.1.1) ALQ-214 - Organic	85 / 149.691	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	85 / 149.691
2.1.2) EFC - Organic ⁽⁹⁾	125 / 22.723	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	125 / 22.723
2.1.3) IMPLC Retrofit Kits - Organic	580 / 2.102	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	580 / 2.102
Subtotal Recurring	790 / 174.516	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	790 / 174.516
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 5.594	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.594
Subtotal Non-Recurring	- / 5.594	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.594
Total, INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)	790 / 180.110	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	790 / 180.110
Total Procurement, All Modifications	790 / 180.110	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	790 / 180.110
Support												
3.1) Engineering Change Orders	- / 1.787	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.787
3.2) Data	- / 0.053	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.053
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS.	- / 1.535	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.535
3.6) Other Support	- / 85.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 85.800
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	89.175	-	-	-	-	-	-	-	-	-	-	89.175
Total Procurement and Support	269.285	-	-	-	-	-	-	-	-	-	-	269.285
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	269.285	-	-	-	-	-	-	-	-	-	-	269.285

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)	
Models of Systems Affected: F/A-18E/F			Type Modification: MISSION CAPABILITY			Related RDT&E PEs: 0604270N	
Manufacturer Information: INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)							
Method of Implementation: Not Installed - ALQ-214				Installation Quantity: 85			
Installation: INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)							
Method of Implementation: Not Installed - EFC				Installation Quantity: 125			
Installation: INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)							
Method of Implementation: Not Installed - IMPLC Retrofit Kits				Installation Quantity: 580			
Footnotes: ⁽⁹⁾ 1. EFC quantity increase of 2 in FY11 to meet program requirement.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)			

Models of Systems Affected: CH-53E, CH-46E , C-20, C-40, KC130J, P-8, CH-53K, MH-53E				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	343.663	5.377	32.855	15.744	-	15.744	11.691	3.313	3.562	-	-	416.205
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	343.663	5.377	32.855	15.744	-	15.744	11.691	3.313	3.562	-	-	416.205
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	343.663	5.377	32.855	15.744	-	15.744	11.691	3.313	3.562	-	-	416.205

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION: The Department of the Navy, Large Aircraft Infrared Countermeasures (DoN LAIRCM) System (B-kit) consists of 5 Components: Missile Warning Sensor (MWS) (5 ea), Processor (1 ea), Guardian Laser Transmitter Assembly (2 ea), Controller Interface Unit (1 ea), and Viper Laser (2 ea). A-kits are platform form specific and include mounting assemblies, cabling and wiring, and an Embedded Global Positioning System / Inertial Navigation System. Urgent Universal Need Statement #03606UC dated 17 November 2006 mandates development and fielding of improved Aircraft Survivability Equipment (ASE) against Infrared Surface-to-Air Missile threats for United States Navy (USN) / United States Marine Corps (USMC) rotary wing aircraft in support of Overseas Contingency Operations. Supplemental funding from FY 2005 - FY 2010 supported analysis, test and procurement of DoN LAIRCM A-kits and B-kits for CH-53Es and CH-46Es. Current USMC operations require Integrated Defensive Electronic Countermeasure capability against the Man-Portable Air Defense Systems, and early recognition of incoming rocket propelled grenades and smaller caliber hostile fire. Ongoing Engineering Change Proposals include software and hardware upgrades to add Advanced Threat Warning (ATW), including Laser Warning, Hostile Fire Indicator and Smart Dispense capabilities. FY 2011 through FY 2015 supports procurement, upgrades, testing and completing fielding of DoN LAIRCM/ATW systems.

FY14: The FY14 budget will complete platform integration and testing of Advanced Threat Warning (ATW) ECP, Follow-on Testing for new aircraft, and ATW fielding. ATW incorporates Hostile Fire Indication (HFI) and Laser Warning on DoN LAIRCM-equipped aircraft currently supporting the Marine Air-Ground Task Force (MAGTF) in OEF and other USMC/USN operations. The MAGTF will remain deployed in OEF to support Special Operations Forces in FY14 and beyond. The ATW system will replace the current AAR-47 Missile Warning System (MWS) and the legacy DoN LAIRCM MWS system on CH-53E, KC-130J, and P-8A aircraft. ATW also provides DoN LAIRCM improved probability of detect (Pd), a lower False Alarm Rate (FAR), Near-Instantaneous detection beyond max effective range, threat bearing and geo-location, single-shot detection, and accurate threat ID (category).

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The DoN LAIRCM program Milestone C / Full Rate Production decision was approved 2nd QTR FY10. DoN LAIRCM provides a cost effective solution to the Infrared (IR) threat with limited ability to distinguish non-threat from threat energy in high clutter environments. FY 2005 Supplemental funds enabled an analysis of a current Generation I MWS with current countermeasure dispense techniques as compared to Generation II MWS. Directed IR Countermeasures (DIRCM) system CH-53 Technology Assessment Program (TAP) used FY 2007

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)
Models of Systems Affected: CH-53E, CH-46E , C-20, C-40, KC130J, P-8, CH-53K, MH-53E	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
Supplemental funds to develop and purchase initial A-kit and B-kit test articles. The Analysis of Alternatives (AOA) for the Assault DIRCM program was completed in July 2007. The DoN LAIRCM program has demonstrated the improved capability and mitigated deficiencies using the next generation system incorporating improved MWS with advanced DIRCM solution. Since achieving Initial Operating Capability in May 2009, the system has proven to be a cost effective solution to the in-theater infrared threat. This Operational Safety Improvement Program provides technology improvements to ASE for USN and USMC aircraft. Although originally intended as an interim solution (CH-53E/D and CH-46E only), the DoN LAIRCM program has continued to expand. Since 2010, the CH-53K, C-20, C-40, KC-130J and MH-53E Program Offices have submitted requirements for LAIRCM capabilities. The associated Program Offices (i.e., PMA-261, PMA-207, etc.) are / will be utilizing APN-1/2/4 and Aircraft Procurement, Navy-5 funding to integrate and procure DoN LAIRCM systems. Other support Costs increased in FY13 to support platform integration, Operational Test, and Fielding of ATW.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (Modification Number - Modification Title): 5 - DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)				
Models of Systems Affected: CH-53E, CH-46E , C-20, C-40, KC130J, P-8, CH-53K, MH-53E				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)												
B Kits												
Recurring												
2.1.1) DIRCM (B Kits) - Organic	7 / 20.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 20.252
2.1.2) OCO DIRCM (B Kits) - Organic	68 / 127.582	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	68 / 127.582
2.1.3) OCO MEON - Organic	23 / 1.698	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	23 / 1.698
2.1.4) OCO ATW Retrofit Kits - Organic	24 / 29.121	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 29.121
2.1.5) ATW Retrofit Kits - Organic	- / -	- / -	18 / 20.974	6 / 5.850	- / -	6 / 5.850	6 / 5.700	- / -	- / -	- / -	- / -	30 / 32.524
2.1.6) OCO Install Equipment C-20/C-40 NR - Organic	- / 23.615	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.615
Subtotal Recurring	122 / 202.268	- / -	18 / 20.974	6 / 5.850	- / -	6 / 5.850	6 / 5.700	- / -	- / -	- / -	- / -	152 / 234.792
Total, DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)	122 / 202.268	- / -	18 / 20.974	6 / 5.850	- / -	6 / 5.850	6 / 5.700	- / -	- / -	- / -	- / -	152 / 234.792
Total Procurement, All Modifications	122 / 202.268	- / -	18 / 20.974	6 / 5.850	- / -	6 / 5.850	6 / 5.700	- / -	- / -	- / -	- / -	152 / 234.792
Support												
3.1) Engineering Change Orders	- / 0.900	- / 2.504	- / 5.675	- / 1.150	- / -	- / 1.150	- / -	- / -	- / -	- / -	- / -	- / 10.229
3.2) OCO Engineering Change Orders	- / 60.925	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 60.925
3.3) Data	- / 0.487	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.487
3.4) OCO Data	- / 0.109	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.109
3.5) Training Equipment	- / 0.024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.024
3.6) Support Equipment	- / 2.360	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.360
3.7) ILS	- / 4.366	- / -	- / -	- / 2.510	- / -	- / 2.510	- / 0.760	- / 0.011	- / 0.011	- / -	- / -	- / 7.658
3.8) OCO ILS	- / 3.545	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.545
3.9) Other Support ⁽¹⁰⁾	- / 20.555	- / 2.873	- / 6.206	- / 6.234	- / -	- / 6.234	- / 5.231	- / 3.302	- / 3.551	- / -	- / -	- / 47.952
3.10) OCO Other Support	- / 48.124	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 48.124
3.11) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	141.395	5.377	11.881	9.894	-	9.894	5.991	3.313	3.562	-	-	181.413
Total Procurement and Support	343.663	5.377	32.855	15.744	-	15.744	11.691	3.313	3.562	-	-	416.205

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)			
Models of Systems Affected: CH-53E, CH-46E , C-20, C-40, KC130J, P-8, CH-53K, MH-53E				Type Modification: MISSION CAPABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	343.663	5.377	32.855	15.744	-	15.744	11.691	3.313	3.562	-	-	416.205	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)	
Models of Systems Affected: CH-53E, CH-46E , C-20, C-40, KC130J, P-8, CH-53K, MH-53E			Type Modification: MISSION CAPABILITY			Related RDT&E PEs:	
Manufacturer Information: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)							
Method of Implementation: Not Installed - DIRCM (B Kits)			Installation Quantity: 7				
Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)							
Method of Implementation: Not Installed - OCO DIRCM (B Kits)			Installation Quantity: 68				
Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)							
Method of Implementation: Not Installed - OCO MEON			Installation Quantity: 23				
Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)							
Method of Implementation: Not Installed - OCO ATW Retrofit Kits			Installation Quantity: 24				
Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)							
Method of Implementation: Not Installed - ATW Retrofit Kits			Installation Quantity: 30				
Footnotes: ⁽¹⁰⁾ An increase in DT and OT testing is reflected in the overall FY14 increase in the Other Support line.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).			

Models of Systems Affected: UC-35D				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	3.700	-	-	-	-	-	-	-	-	-	-	3.700
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	3.700	-	-	-	-	-	-	-	-	-	-	3.700
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	3.700	-	-	-	-	-	-	-	-	-	-	3.700
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

DESCRIPTION/JUSTIFICATION:

Southwest Asia Marine Expeditionary Force Commanders lack light Operational Support Aircraft (OSA) lift assets capable of operating in threat Surface To Air Missile (SAM) environments of Southwest Asia (i.e. Iraq, Afghanistan). As a consequence, limited high value medium lift logistic assets (KC-130s) capable of operating in threat SAM environments, are being tasked to perform light OSA personnel and material movement requirements. To fill this OSA requirement, the UC-35D is being modified with an Aircraft Survivability Equipment (ASE) system to provide relief to tactical assets that are better utilized in direct support to the warfighter. This requirement was validated in the Marine Requirement Oversight Council Decision Memorandum UC-35D ASE Urgent Universal Needs Statement 05081UA (7-22-2005) and endorsed by Headquarters Marine Corp Deputy Commander for Aviation in letter APP-34/3900, dated Jul 3, 2007. Three of seven Marine UC-35D aircraft have already been modified with an ASE system. This Operational Safety Improvement Program upgrades the remaining UC-35D aircraft with the same ASE A-Kit configuration

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					Modification Nomenclature (Modification Number - Modification Title): 6 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).			
Models of Systems Affected: UC-35D				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).												
A Kits												
Recurring												
1.1.1) UC-3D ASE (OCO) - Organic	4 / 1.420	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.420
1.1.2) PY Installs - Organic	- / 2.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.280
Subtotal Recurring	4 / 3.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 3.700
Total, UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).	4 / 3.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 3.700
Total Procurement, All Modifications	4 / 3.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 3.700
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-
Total Procurement and Support	3.700	-	-	-	-	-	-	-	-	-	-	3.700
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	3.700	-	-	-	-	-	-	-	-	-	-	3.700

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).	
Models of Systems Affected: UC-35D			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:	
Manufacturer Information: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 1			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).			Method of Implementation: Not Installed - UC-3D ASE (OCO)			Installation Quantity: 4	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					Modification Nomenclature (Modification Number - Modification Title): 7 - COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)				
Models of Systems Affected: F/A-18C/D/E/F			Type Modification: MISSION CAPABILITY					Related RDT&E PEs: 0604270N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	40.050	57.067	83.083	-	83.083	102.055	132.981	51.417	52.261	47.850	566.764
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	40.050	57.067	83.083	-	83.083	102.055	132.981	51.417	52.261	47.850	566.764
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	40.050	57.067	83.083	-	83.083	102.055	132.981	51.417	52.261	47.850	566.764
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: Integrated Defensive Electronic Countermeasure (IDECM) Block (IB) 4 is an Engineering Change Proposal (ECP) to the ALQ-214 intended to render it suitable for operation on the F/A-18C/D aircraft, while retaining all IDECM suite functionality when installed on F/A-18E/F aircraft. This ECP will result in a Common On-Board Jammer (OBJ) system that must meet the requirements of the OBJ Block 2 Operational Requirements Document #624-78-03 and be compatible with the ALE-55 Fiber Optic Towed Decoy (FOTD). The Electronic Frequency Converter enables dataflow via the fiber optic cable to the FOTD and is part of the IB-4 configuration when installed on the F/A-18E/F aircraft. This Operational Safety Improvement Program (OSIP) is for the onboard portion of the IB-4 configuration. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The ALQ-214 received Milestone III approval in January 2004 and is still in Full Rate Production (FRP). FRP Lots 1-8 are covered by OSIP 07-03. FRP 9 is the first ALQ-214 production lot in the IB-4 configuration and was awarded 3rd quarter FY 2012. FRP 10 will be the second production transition contract which is planned in FY 2013. Production line transition to the IB-4 configuration will be complete in FY 2014. Annual production contract awards are expected to continue through FY 2019. Additional ALQ-214 systems are being procured in FY14-FY16 to reflect the service life extension of the F/A-18C/D aircraft and procurement of additional F/A-18E/F aircraft. A total of 190 IB-4 ALQ-214s are planned for procurement.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (Modification Number - Modification Title): 7 - COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)				
Models of Systems Affected: F/A-18C/D/E/F			Type Modification: MISSION CAPABILITY					Related RDT&E PEs: 0604270N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)												
B Kits												
Recurring												
2.1.1) ALQ-214 Retrofit Kits (C/D) Install Equipment - Organic	- / -	23 / 2.367	43 / 4.039	39 / 3.773	- / -	39 / 3.773	23 / 2.292	- / -	- / -	- / -	- / -	128 / 12.471
2.1.2) ALQ-214 Retrofit Kits (E/F) Install Equipment - Organic	- / -	23 / 0.466	43 / 0.897	39 / 0.838	- / -	39 / 0.838	40 / 0.885	52 / 1.185	17 / 0.399	17 / 0.411	11 / 0.274	242 / 5.355
2.1.3) ALQ-214 Install Equipment - Organic ⁽¹¹⁾	- / -	7 / 19.559	17 / 36.180	29 / 63.318	- / -	29 / 63.318	40 / 89.955	52 / 122.462	17 / 44.130	17 / 44.699	11 / 29.304	190 / 449.607
2.1.4) EFC Install Equipment - Organic	- / -	55 / 7.215	21 / 2.755	59 / 8.310	- / -	59 / 8.310	- / -	- / -	- / -	- / -	- / -	135 / 18.280
Subtotal Recurring	- / -	108 / 29.607	124 / 43.871	166 / 76.239	- / -	166 / 76.239	103 / 93.132	104 / 123.647	34 / 44.529	34 / 45.110	22 / 29.578	695 / 485.713
Non-Recurring												
2.2.1) Installation Equipment NR - Organic	- / -	- / 3.515	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.515
Subtotal Non-Recurring	- / -	- / 3.515	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.515
Total, COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)	- / -	108 / 33.122	124 / 43.871	166 / 76.239	- / -	166 / 76.239	103 / 93.132	104 / 123.647	34 / 44.529	34 / 45.110	22 / 29.578	695 / 489.228
Total Procurement, All Modifications	- / -	108 / 33.122	124 / 43.871	166 / 76.239	- / -	166 / 76.239	103 / 93.132	104 / 123.647	34 / 44.529	34 / 45.110	22 / 29.578	695 / 489.228
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / -	- / 0.370	- / 0.839	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.209
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / -	- / 6.558	- / 12.357	- / 6.844	- / -	- / 6.844	- / 8.923	- / 9.334	- / 6.888	- / 7.151	- / 18.272	- / 76.327
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	6.928	13.196	6.844	-	6.844	8.923	9.334	6.888	7.151	18.272	77.536
Total Procurement and Support	0.000	40.050	57.067	83.083	-	83.083	102.055	132.981	51.417	52.261	47.850	566.764
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	40.050	57.067	83.083	-	83.083	102.055	132.981	51.417	52.261	47.850	566.764

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)	
Models of Systems Affected: F/A-18C/D/E/F			Type Modification: MISSION CAPABILITY			Related RDT&E PEs: 0604270N	
Manufacturer Information: COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)							
Method of Implementation: Not Installed - ALQ-214 Retrofit Kits (C/D) Install Equipment				Installation Quantity: 128			
Installation: COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)							
Method of Implementation: Not Installed - ALQ-214 Retrofit Kits (E/F) Install Equipment				Installation Quantity: 242			
Installation: COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)							
Method of Implementation: Not Installed - ALQ-214 Install Equipment				Installation Quantity: 190			
Installation: COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)							
Method of Implementation: Not Installed - EFC Install Equipment				Installation Quantity: 135			
Footnotes: ⁽¹¹⁾ COBJ is a buy to budget program. Quantities will be/have been adjusted accordingly as supported by the budget until the inventory objective is achieved. Quantities will also be adjusted in accordance with projected aircraft inventory and available funding provided by PMA 265.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (Modification Number - Modification Title): 8 - Corrections of Discrepancies (OSIP 017-12)				
Models of Systems Affected: F/A-18C/D/E/F			Type Modification: SAFETY/RELIABILITY					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.416	0.293	0.336	-	0.336	0.340	0.487	0.498	-	-	2.370
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.416	0.293	0.336	-	0.336	0.340	0.487	0.498	-	-	2.370
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.416	0.293	0.336	-	0.336	0.340	0.487	0.498	-	-	2.370
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: DESCRIPTION/JUSTIFICATION: This Operational Safety Improvement Program (OSIP) is for the correction of discrepancies and to effect changes to ALR-67(V) 2 system and Electronic Countermeasure equipment in aircraft that have been delivered for fleet operations. This system requires various upgrade initiative and logistic support to keep the F/A-18 a capable aircraft with a robust defensive system that improves its survivability. This OSIP will provide funding for the upgarde of the ALR-67(V)2 computer, Low Band Antenna, Special Receiver and Quandrant Receiver weapons replaceable assemblies. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The contractor will develop Preliminary Design Review for Program Control Unit 1 drawing package and prototype Circuit Card Assembly's, perform Critical Design Review. Contractor to conduct system testing, evaluations, environmental and qualification testing. The contractor to modify Shop Replaceable Assembly's with Diminished Manufacturing Sources issues and develop Acceptance Test Plan's and Engineering Change Proposal, verify testing and evaluations of new designs. The United States (U.S.) Navy Fleet Support Team will provide system engineering qualification on aircraft, support equipment, develop Technical Directive and any additional Integrated Logistics Support support requirements. Software support activity U.S. Navy and contractor to develop software integrations.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					Modification Nomenclature (Modification Number - Modification Title): 8 - Corrections of Discrepancies (OSIP 017-12)			
Models of Systems Affected: F/A-18C/D/E/F				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Corrections of Discrepancies (OSIP 017-12)												
A Kits												
Recurring												
1.1.1) RR-2055 Special Receiver (SRA) - Organic	- / -	15 / 0.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.246
1.1.2) CP-1293 PCU-1 - Organic	- / -	- / -	- / 0.133	- / 0.336	- / -	- / 0.336	- / 0.340	- / 0.487	- / 0.498	- / -	- / -	- / 1.794
Subtotal Recurring	- / -	15 / 0.246	- / 0.133	- / 0.336	- / -	- / 0.336	- / 0.340	- / 0.487	- / 0.498	- / -	- / -	15 / 2.040
Total, Corrections of Discrepancies (OSIP 017-12)	- / -	15 / 0.246	- / 0.133	- / 0.336	- / -	- / 0.336	- / 0.340	- / 0.487	- / 0.498	- / -	- / -	15 / 2.040
Total Procurement, All Modifications	- / -	15 / 0.246	- / 0.133	- / 0.336	- / -	- / 0.336	- / 0.340	- / 0.487	- / 0.498	- / -	- / -	15 / 2.040
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / -	- / 0.170	- / 0.160	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.330
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	0.170	0.160	-	-	-	-	-	-	-	-	0.330
Total Procurement and Support	0.000	0.416	0.293	0.336	-	0.336	0.340	0.487	0.498	-	-	2.370
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	0.416	0.293	0.336	-	0.336	0.340	0.487	0.498	-	-	2.370

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Corrections of Discrepancies (OSIP 017-12)	
Models of Systems Affected: F/A-18C/D/E/F			Type Modification: SAFETY/RELIABILITY			Related RDT&E PEs:	
Manufacturer Information: Corrections of Discrepancies (OSIP 017-12)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Corrections of Discrepancies (OSIP 017-12)			Method of Implementation: Not Installed - RR-2055 Special Receiver (SRA)			Installation Quantity: 15	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (Modification Number - Modification Title): 9 - 06-14 Joint Allied Threat and Awareness System (JATAS):				
Models of Systems Affected: MV-22, AH-1Z, UH-1Y, MH-60R, MH-60S			Type Modification: Mission Capability					Related RDT&E PEs: 0604272N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	17.355	-	17.355	17.530	19.513	109.294	115.401	894.621	1,173.714
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	17.355	-	17.355	17.530	19.513	109.294	115.401	894.621	1,173.714
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	17.355	-	17.355	17.530	19.513	109.294	115.401	894.621	1,173.714
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION: The Joint and Allied Threat Awareness System (JATAS) is required to provide assault aircraft with a reliable surface-to-air Infrared missile/Hostile Fire Indication (HFI) threat detection system. This capability must provide accurate and timely warning in all flight regimes, ambient light conditions, clutter backgrounds and weather conditions. It must be capable of providing countermeasure cueing to flares and/or a Directional Infrared Countermeasures. JATAS will enable assault Aircraft Survivability Equipment to detect and provide countermeasure cueing to current and emerging threats. Lead Department of the Navy platform for this capability is the MV-22. The JATAS system (B-Kit) consists of a processor and sensors; 6 sensors on the MV-22 platform and 5 sensors on all other platforms.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: A JATAS Capabilities Development Document (CDD) was approved in a Joint Requirements Oversight Council Memorandum dated 18 February 2011. Per the CDD, the JATAS will be an advanced Missile Warning System (MWS) designed to replace the legacy AN/AAR-47(V) MWS and increase the survivability of Marine Corps and Navy tilt-rotor and rotary wing aircraft against infrared threats. Additionally, the system will provide aircrew with warnings of laser-enabled weapon systems such as range finders, illuminators, and beam riders. The JATAS will interface with existing AN/ALE-47 Countermeasures Dispensing System, existing AN/APR-39 Radar Warning Receiver, existing Department of the Navy Large Aircraft Infrared Countermeasure system, and other compatible Directed Infrared Countermeasures systems as part of an integrated electronic countermeasures response to attacking infrared missiles. Additionally, the JATAS will be upgradeable to provide HFI of small arms, rockets and other unguided threats and provide situational awareness in Visually Degraded Environments. Per the CDD, JATAS will be developed in two increments. Increment I (Phase I) includes the missile and laser warning capabilities and cueing of countermeasure systems. Increment I (Phase II) will add HFI capability against Type I and III threats during the Engineering and Manufacturing Development phase of this program. Increment II, when future technology advancements and funding permit, will develop HFI capability against Type II threats. The JATAS Engineering and Manufacturing Development (EMD) phase will be executed via a fixed price incentive firm (FPIF) contract over an approximate 48-month period of performance, with one FPIF option for the low-rate initial production lot and firm-fixed price options for the first seven full-rate production lots. A JATAS Technology Development phase contract was awarded in FY2009 and the Milestone B decision and EMD contract was awarded in 4th Quarter FY2011. JATAS Initial Operational Capability is planned for FY2015.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 9 - 06-14 Joint Allied Threat and Awareness System (JATAS):
Models of Systems Affected: MV-22, AH-1Z, UH-1Y, MH-60R, MH-60S	Type Modification: Mission Capability	Related RDT&E PEs: 0604272N

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment								Modification Nomenclature (Modification Number - Modification Title): 9 - 06-14 Joint Allied Threat and Awareness System (JATAS):			
Models of Systems Affected: MV-22, AH-1Z, UH-1Y, MH-60R, MH-60S				Type Modification: Mission Capability					Related RDT&E PEs: 0604272N						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)			
Procurement															
06-14 Joint Allied Threat and Awareness System (JATAS):															
B Kits															
Recurring															
2.1.1) MV-22B - Organic	- / -	- / -	- / -	8 / 10.263	- / -	8 / 10.263	8 / 10.469	8 / 10.677	48 / 40.909	48 / 36.271	106 / 88.307	226 / 196.896			
2.1.2) AH-1Z - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 17.693	24 / 15.376	141 / 107.961	189 / 141.030			
2.1.3) UH-1Y - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 26.540	36 / 23.064	88 / 63.610	160 / 113.214			
2.1.4) MH-60R - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 7.687	210 / 172.880	222 / 180.567			
2.1.5) MH-60S - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 7.687	156 / 127.213	168 / 134.900			
2.1.6) Installation Equipment N/R - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	- / 0.200	- / 0.500	- / 0.700	- / 2.877	- / 4.377			
Subtotal Recurring	- / -	- / -	- / -	8 / 10.263	- / -	8 / 10.263	8 / 10.569	8 / 10.877	108 / 85.642	132 / 90.785	701 / 562.848	965 / 770.984			
Total, 06-14 Joint Allied Threat and Awareness System (JATAS):	- / -	- / -	- / -	8 / 10.263	- / -	8 / 10.263	8 / 10.569	8 / 10.877	108 / 85.642	132 / 90.785	701 / 562.848	965 / 770.984			
Total Procurement, All Modifications	- / -	- / -	- / -	8 / 10.263	- / -	8 / 10.263	8 / 10.569	8 / 10.877	108 / 85.642	132 / 90.785	701 / 562.848	965 / 770.984			
Support															
3.1) Engineering Change Orders	- / -	- / -	- / -	- / 1.025	- / -	- / 1.025	- / 1.027	- / 1.053	- / 8.526	- / 8.687	- / 56.348	- / 76.666			
3.2) Data	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.300	- / 0.400	- / 1.500	- / 1.500	- / 22.500	- / 26.400			
3.3) Training Equipment	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.298	- / 1.250	- / 1.500	- / 26.000	- / 29.448			
3.4) Support Equipment	- / -	- / -	- / -	- / 0.100	- / -	- / 0.100	- / 0.150	- / 0.450	- / 1.200	- / 1.500	- / 38.500	- / 41.900			
3.5) ILS	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.525	- / 0.800	- / 0.925	- / 24.075	- / 26.725			
3.6) Other Support	- / -	- / -	- / -	- / 5.367	- / -	- / 5.367	- / 5.084	- / 5.910	- / 10.376	- / 10.504	- / 164.350	- / 201.591			
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -			
Total Support, All Modifications	0.000	-	-	7.092	-	7.092	6.961	8.636	23.652	24.616	331.773	402.730			
Total Procurement and Support	0.000	-	-	17.355	-	17.355	17.530	19.513	109.294	115.401	894.621	1,173.714			
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -			
Total Cost (Procurement + Support + Installation)	0.000	-	-	17.355	-	17.355	17.530	19.513	109.294	115.401	894.621	1,173.714			

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - 06-14 Joint Allied Threat and Awareness System (JATAS):	
Models of Systems Affected: MV-22, AH-1Z, UH-1Y, MH-60R, MH-60S			Type Modification: Mission Capability			Related RDT&E PEs: 0604272N	
Manufacturer Information: 06-14 Joint Allied Threat and Awareness System (JATAS):							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):			Method of Implementation: Not Installed - MV-22B			Installation Quantity: 226	
Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):			Method of Implementation: Not Installed - AH-1Z			Installation Quantity: 189	
Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):			Method of Implementation: Not Installed - UH-1Y			Installation Quantity: 160	
Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):			Method of Implementation: Not Installed - MH-60R			Installation Quantity: 222	
Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):			Method of Implementation: Not Installed - MH-60S			Installation Quantity: 168	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	5.028	-	-	-	-	-	-	-	-	-	-	5.028
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	5.028	-	-	-	-	-	-	-	-	-	-	5.028
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	5.028	-	-	-	-	-	-	-	-	-	-	5.028
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					Modification Nomenclature (Modification Number - Modification Title): 10 - Inactive OSIPs				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Inactive OSIPs													
A Kits													
Recurring													
1.1.1) Inactive OSIP - Organic	- / 5.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.028	
Subtotal Recurring	- / 5.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.028	
Total, Inactive OSIPs	- / 5.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.028	
Total Procurement, All Modifications	- / 5.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.028	
Support													
3.1) New Cost Element.	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	5.028	-	-	-	-	-	-	-	-	-	-	5.028	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	5.028	-	-	-	-	-	-	-	-	-	-	5.028	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment			Modification Nomenclature (Modification Number - Modification Title): 10 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: Inactive OSIPs							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs		Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,080.258	150.660	96.753	120.660	-	120.660	136.841	165.419	156.070	154.604	406.398	3,467.663
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2,080.258	150.660	96.753	120.660	-	120.660	136.841	165.419	156.070	154.604	406.398	3,467.663
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,080.258	150.660	96.753	120.660	-	120.660	136.841	165.419	156.070	154.604	406.398	3,467.663
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds common avionics equipment for multiple aircraft. With the exception of Operational Safety and Improvement Programs 14-97 [KC-130T Ground Proximity Warning System (GPWS)], and 17-98 (Helo GPWS), the individual aircraft platforms fund the "A" kits and installation in the appropriate aircraft line.

The specific modifications budgeted and programmed are: (1) The Navigation Satellite Timing and Ranging Global Positioning System (GPS) program is designed to provide a highly accurate position and time to users worldwide in all weather conditions. The GPS will interface with communication, navigation, and weapon systems equipment (standard attitude heading reference systems, inertial navigation systems, on-board computers, etc.) in selected applications. GPS is a Department of Defense mandated requirement for all aircraft operating in the National Air Space System after the year 2000. (2) The AN/ARC-210 Electronic Protection (EP) Combination Radio provides dual Very/Ultra High Frequency capability for carrier based Tactical Aircraft; Very High Frequency (VHF AM) for close air support and maritime channels; VHF AM for air traffic control; and EP capabilities. The AN/ARC-210 can be controlled by either a remote control unit or via MIL-STD-1553 multiplex data bus. (3) The Ground Proximity Warning Systems (GPWS) provide visual and aural warnings to the pilot when the aircraft is in a condition that could result in a controlled flight into terrain accident. (4) Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) provides civil upgrades to communications, navigation, and surveillance systems enabling shift from Air Traffic Control to Air Traffic Management in increasingly congested airspace and frequency spectrum. (5) The Tactical Air Moving Map Capability (TAMMAC), the common solution for United States Naval Aviation, provides a common tactical aircraft moving map and data loading capability and replaces current obsolete Fleet equipment. (6) The Advanced Mission Computer and Display (AMC&D) capabilities including common modules and common Core System Software, will replace existing obsolete AV8B Mission Systems Computer and aging/obsolete AN/AYK-14(V) Mission Computer and Contractor Furnished Equipment Displays. (7) Attitude Gyro Upgrade replaces obsolete gyros in naval aviation aircraft with a more reliable and maintainable gyro. (8) Aircrew Wireless Internal Communications System is a safety generated program that provides a wireless Internal Communication System (ICS) capability to prevent aircrew/passenger entanglement with ICS long cords in the event of mishap and allows unimpeded movement throughout the aircraft. (9) Avionics Component Improvement Program (AvCIP) provides resources to address avionics component critical readiness degraders, performance reliability deficiencies, obsolescence threatening loss of sustainability and top Fleet operational or support cost drivers. (10) Commercial Off the Shelf (COTS) Safety Systems program procures off the shelf safety enhancements to Naval aircraft to enhance aircrew and aircraft survivability. (11) Blue Force Situational Awareness (BFSA) actively or passively identify and track United States, allied, or coalition forces for the purpose of providing enhanced battle space situational awareness and reducing fratricide. (12) Military Flight Operations Quality Assurance (MFOQA) provides the war fighter with timely and quantitative information regarding aircrew and system performance for improving safety, operational efficiency, and readiness.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0577 - Common Avionics Changes									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
MDAP/MAIS Code(s): The specific modifications budgeted and programmed are:																				
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Global Positioning System (GPS) (OSIP 71-88)	P3A			350.533			11.735			7.925			7.772			-			7.772	
2 - AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)	P3A			305.410			0.777			-			-			-			-	
3 - Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)	P3A			102.679			0.801			0.150			-			-			-	
4 - Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)	P3A			71.611			0.822			0.400			-			-			-	
5 - Communication - Navigation - Surveillance / Air Traffic Management (CNS/ ATM) Systems (OSIP 21-01)	P3A			471.174			101.288			61.308			99.838			-			99.838	
6 - Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)	P3A			319.401			16.132			0.900			0.900			-			0.900	
7 - Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)	P3A			117.962			4.706			2.590			-			-			-	
8 - Attitude Gyro Upgrade (OSIP 07-04)	P3A			52.864			-			-			-			-			-	
9 - Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)	P3A			22.977			2.012			4.060			2.970			-			2.970	
10 - Avionics Component Improvement Program (AvCIP) (OSIP 11-09)	P3A			4.901			0.920			-			-			-			-	
11 - COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)	P3A			3.426			-			-			-			-			-	

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0577 - Common Avionics Changes									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
12 - Blue Force Situational Awareness (OSIP 10-11)	P3A				14.100			11.467			19.420			8.420			-			8.420
13 - Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)	P3A				0.000			-			-			0.760			-			0.760
14 - Inactive OSIPs	P3A				243.220			-			-			-			-			-
Total Gross/Weapon System Cost					2,080.258			150.660			96.753			120.660			-			120.660

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Global Positioning System (GPS) (OSIP 71-88)	P3A				7.828			8.229			8.373			8.529			117.017			527.941
2 - AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)	P3A				-			-			-			-			-			306.187
3 - Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)	P3A				-			-			-			-			-			103.630
4 - Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)	P3A				-			-			-			-			-			72.833
5 - Communication - Navigation - Surveillance / Air Traffic Management (CNS/ ATM) Systems (OSIP 21-01)	P3A				116.779			127.788			114.212			112.370			53.847			1,258.604
6 - Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)	P3A				-			-			-			-			-			337.333
7 - Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)	P3A				-			-			-			-			-			125.258
8 - Attitude Gyro Upgrade (OSIP 07-04)	P3A				-			-			-			-			-			52.864
9 - Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)	P3A				5.090			5.182			5.275			5.370			26.793			79.729

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
10 - Avionics Component Improvement Program (AvCIP) (OSIP 11-09)	P3A				3.823			5.000			5.000			5.000			114.635			139.279
11 - COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)	P3A				-			-			-			-			-			3.426
12 - Blue Force Situational Awareness (OSIP 10-11)	P3A				-			-			-			-			-			53.407
13 - Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)	P3A				3.321			19.220			23.210			23.335			94.106			163.952
14 - Inactive OSIPs	P3A				-			-			-			-			-			243.220
Total Gross/Weapon System Cost					136.841			165.419			156.070			154.604			406.398			3,467.663

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

The overall goal of the modifications budgeted in FY 2014 is to procure the common equipment required for the individual aircraft platforms.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 1 - Global Positioning System (GPS) (OSIP 71-88)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics (Safety) (Added Capability)					Related RDT&E PEs: 0604777N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	350.533	11.735	7.925	7.772	-	7.772	7.828	8.229	8.373	8.529	117.017	527.94
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	350.533	11.735	7.925	7.772	-	7.772	7.828	8.229	8.373	8.529	117.017	527.94
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	350.533	11.735	7.925	7.772	-	7.772	7.828	8.229	8.373	8.529	117.017	527.94
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: The Navigation Satellite Timing and Ranging (NAVSTAR) Global Positioning System (GPS) is designed to provide highly accurate position and time to users worldwide in all weather conditions. GPS will be integrated with communication, navigation, and weapon systems equipment (attitude heading reference systems, inertial navigation systems, mission computers, etc.). The program procures and modifies GPS equipment such as receivers, antennas, amplifiers, and protection technologies as required for naval aviation platforms. Navigation Warfare (NAVWAR) protection technologies protect a platform's GPS capability from GPS jamming and unintentional interference. Hardware configurations vary with each Type/Model/Series aircraft. The GPS Operational Requirement Document (ORD) 003-78 dated 22 January 90 was based on an Air Force General Operating Requirement dated 28 January 1978. The Navy ORD for Enhanced GPS User Equipment for NAVWAR and GPS Modernization was approved on 7 June 2000.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The NAVSTAR GPS program completed Phase II (Full Scale Engineering Development) and completed Milestone IIIA (Approval for Limited Production) in June 1986. Milestone IIIB (Approval for Full Production) was completed in January 1992. The NAVWAR full rate production approval was received in June 2002. Research, Development, Test and Evaluation, Navy is funded under program element #0604777N.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 1 - Global Positioning System (GPS) (OSIP 71-88)					
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics (Safety) (Added Capability)					Related RDT&E PEs: 0604777N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Global Positioning System (GPS) (OSIP 71-88)													
A Kits													
Recurring													
1.1.1) NAVWAR (All Aircraft Excluding AV-8B) - NonOrganic ⁽¹⁾	325 / 5.308	52 / 3.746	20 / 1.900	24 / 2.304	- / -	24 / 2.304	24 / 2.328	26 / 2.548	27 / 2.673	26 / 2.600	236 / 23.600	760 / 47.007	
1.1.2) NAVWAR (AV-8B) - NonOrganic ⁽²⁾	121 / 1.832	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	121 / 1.832	
Subtotal Recurring	446 / 7.140	52 / 3.746	20 / 1.900	24 / 2.304	- / -	24 / 2.304	24 / 2.328	26 / 2.548	27 / 2.673	26 / 2.600	236 / 23.600	881 / 48.839	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 4.303	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.303	
Subtotal Non-Recurring	- / 4.303	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.303	
B Kits													
Recurring													
2.1.1) GPS - Organic	2,047 / 173.823	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,047 / 173.823	
2.1.2) NAVWAR - Organic	508 / 24.806	52 / 2.836	20 / 1.740	24 / 2.112	- / -	24 / 2.112	24 / 2.136	26 / 2.340	27 / 2.457	26 / 2.392	236 / 21.712	943 / 62.531	
Subtotal Recurring	2,555 / 198.629	52 / 2.836	20 / 1.740	24 / 2.112	- / -	24 / 2.112	24 / 2.136	26 / 2.340	27 / 2.457	26 / 2.392	236 / 21.712	2,990 / 236.354	
Non-Recurring													
2.2.1) Installation Equipment N/R. - Organic	- / 24.126	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.126	
Subtotal Non-Recurring	- / 24.126	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.126	
Total, Global Positioning System (GPS) (OSIP 71-88)	3,001 / 234.198	104 / 6.582	40 / 3.640	48 / 4.416	- / -	48 / 4.416	48 / 4.464	52 / 4.888	54 / 5.130	52 / 4.992	472 / 45.312	3,871 / 313.622	
Total Procurement, All Modifications	3,001 / 234.198	104 / 6.582	40 / 3.640	48 / 4.416	- / -	48 / 4.416	48 / 4.464	52 / 4.888	54 / 5.130	52 / 4.992	472 / 45.312	3,871 / 313.622	
Support													
3.1) NAVWAR Kit ECO	- / 3.212	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.212	
3.2) Data	- / 8.102	- / 0.230	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.332	
3.3) Training Equipment - GPS	114 / 7.803	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	114 / 7.803	
3.4) Training Equipment - NAVWAR	2 / 0.185	1 / 0.344	5 / 0.520	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.049	
3.5) Support Equipment	- / 0.476	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.476	
3.6) ILS	- / 1.389	- / 0.347	- / 0.322	- / 0.335	- / -	- / 0.335	- / 0.341	- / 0.342	- / 0.348	- / 0.354	- / 5.133	- / 8.911	
3.7) Other Support	- / 91.254	- / 3.389	- / 2.551	- / 2.301	- / -	- / 2.301	- / 2.623	- / 2.495	- / 2.383	- / 2.624	- / 60.503	- / 170.123	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (Modification Number - Modification Title): 1 - Global Positioning System (GPS) (OSIP 71-88)			
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics (Safety) (Added Capability)					Related RDT&E PEs: 0604777N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	112.421	4.310	3.393	2.636	-	2.636	2.964	2.837	2.731	2.978	65.636	199.906
Total Procurement and Support	346.619	10.892	7.033	7.052	-	7.052	7.428	7.725	7.861	7.970	110.948	513.528
Global Positioning System (GPS) (OSIP 71-88) Installation Cost	- / 3.914	- / 0.843	- / 0.892	- / 0.720	- / -	- / 0.720	- / 0.400	- / 0.504	- / 0.512	- / 0.559	- / 6.069	- / 14.413
Total Installation Cost	- / 3.914	- / 0.843	- / 0.892	- / 0.720	- / -	- / 0.720	- / 0.400	- / 0.504	- / 0.512	- / 0.559	- / 6.069	- / 14.413
Total Cost (Procurement + Support + Installation)	350.533	11.735	7.925	7.772	-	7.772	7.828	8.229	8.373	8.529	117.017	527.941

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0577 - Common Avionics Changes								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Global Positioning System (GPS) (OSIP 71-88)													
Models of Systems Affected: All Aircraft as directed by OPNAV								Type Modification: Common Avionics (Safety) (Added Capability)								Related RDT&E PEs: 0604777N													
Manufacturer Information: Global Positioning System (GPS) (OSIP 71-88)																													
Manufacturer Name: The Boeing Company - All Aircraft (Excluding AV-8B)														Manufacturer Location: St. Louis, MO															
Administrative Leadtime (<i>in Months</i>): 7														Production Leadtime (<i>in Months</i>): 18															
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
Contract Dates		Aug 2012				Apr 2013				Apr 2014				Apr 2015				Apr 2016				Apr 2017				Apr 2018			
Delivery Dates		Oct 2013				Oct 2014				Oct 2015				Oct 2016				Oct 2017				Oct 2018				Oct 2019			

Installation: Global Positioning System (GPS) (OSIP 71-88)										Method of Implementation: Equipment is provided to the platform PMA and installed as per airframe ECP/AFC.										Installation Name: NAVWAR (All Aircraft Excluding AV-8B)									
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)															
All Prior Years		223 / 2.817	9 / 0.224	16 / 0.745	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	248 / 3.786																
FY 2012		- / -	16 / 0.340	- / -	36 / 0.720	- / -	36 / 0.720	- / -	- / -	- / -	- / -	- / -	52 / 1.060																
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.400	- / -	- / -	- / -	- / -	20 / 0.400																
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.504	- / -	- / -	- / -	24 / 0.504																
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.512	- / -	- / -	24 / 0.512																
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 0.559	- / -	26 / 0.559																
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 0.567	27 / 0.567																
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 0.546	26 / 0.546																
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	236 / 4.956	236 / 4.956																
Total		223 / 2.817	25 / 0.564	16 / 0.745	36 / 0.720	- / -	36 / 0.720	20 / 0.400	24 / 0.504	24 / 0.512	26 / 0.559	289 / 6.069	683 / 12.890																

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	223	2	2	10	11	4	4	4	4	9	9	9	9	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	289	683
Out	223	2	2	10	11	4	4	4	4	9	9	9	9	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	289	683

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0577 - Common Avionics Changes										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Global Positioning System (GPS) (OSIP 71-88)											
Models of Systems Affected: All Aircraft as directed by OPNAV										Type Modification: Common Avionics (Safety) (Added Capability)										Related RDT&E PEs: 0604777N											
Installation: Global Positioning System (GPS) (OSIP 71-88)										Method of Implementation: [none specified]										Installation Name: NAVWAR (AV-8B)											
Installation Cost										Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total										
										Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)									
All Prior Years										80 / 1.097	23 / 0.279	13 / 0.147	- / -	- / -	- / -	- / -	- / -	- / -	- / -	116 / 1.523											
FY 2012										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
FY 2013										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
FY 2014										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
FY 2015										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
FY 2016										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
FY 2017										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
FY 2018										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
To Complete										- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -												
Total										80 / 1.097	23 / 0.279	13 / 0.147	- / -	- / -	- / -	- / -	- / -	- / -	- / -	116 / 1.523											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	80	5	6	6	6	3	3	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	80	5	6	6	6	3	3	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Installation: Global Positioning System (GPS) (OSIP 71-88)										Method of Implementation: Organic - GPS										Installation Quantity: 2047											
Installation: Global Positioning System (GPS) (OSIP 71-88)										Method of Implementation: Organic - NAVWAR										Installation Quantity: 943											
Installation: Global Positioning System (GPS) (OSIP 71-88)										Method of Implementation: Not Installed - Training Equipment - GPS										Installation Quantity: 114											
Installation: Global Positioning System (GPS) (OSIP 71-88)										Method of Implementation: Not Installed - Training Equipment - NAVWAR										Installation Quantity: 8											
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Global Positioning System (GPS) (OSIP 71-88)
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics (Safety) (Added Capability)	Related RDT&E PEs: 0604777N
(1) ** P-3 Kits (63) were turned over to PMA290 in FY10 for installation ** FY11 MH-53 installs (14) were turned over to PMA261 for installation ** FY12 16 kit buys (EP-3E) to be installed FY12 (award March 2012, delivery May 2012) ** FY12 36 kit buys (F/A-18 E/F) to be installed FY14 (award August 2012, delivery October 2013) (2) ** PMA257 installed (3) AV-8B kits procured by GPS in FY10 ** In FY11, (2) A-Kits were procured before program office removed two crashed aircraft from inventory. Kits have been turned over to the Central Kitting Activity (CKA).		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 2 - AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	305.410	0.777	-	-	-	-	-	-	-	-	-	306.187
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	305.410	0.777	-	-	-	-	-	-	-	-	-	306.187
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	305.410	0.777	-	-	-	-	-	-	-	-	-	306.187
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: The AN/ARC-210 is a combination Ultra High Frequency (UHF)/Very High Frequency (VHF), Amplitude Modulation (AM)/Frequency Modulation (FM) jam-resistant radio that was developed to allow for Electronic Protection (EP) interoperability with the Air Force, Army and North Atlantic Treaty Organization. The radio provides communications capabilities such as dual V/UHF capability; VHF AM for close air support and maritime channels; VHF AM for air traffic control and civil interoperability; and EP capabilities using the Air Force developed waveforms (UHF-AM HAVEQUICK I and II), and the Army developed waveform (VHF-FM SINCGARS). The AN/ARC-210 can be controlled by either a remote control unit or via a MIL-STD-1553 multiplex data bus. The EP parameters and single channel preset information can be loaded via a CYZ-10 Data Transfer Device. The fill information can consist of word-of-the-day for HAVEQUICK; the KGV-10 transec variable, hopsets and frequency lock-out tables for SINCGARS. Engineering Change Proposal (ECP) 12 incorporated embedded Demand Assigned Multiple Access Satellite Communications, embedded Communication Security (COMSEC), embedded Variable Message Format, Link 4A, and is compatible with the memory loader verifier. Operational Requirements Document # 333-06-93 dated 4/20/93 validated this modification. FY09 and out funding is required for non-recurring engineering and test efforts to determine COMSEC retrofit solution in response to National Security Agency policies and mandates.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AN/ARC-210 Common Operational, Safety and Improvement Program (OSIP) procures and modifies ARC-210 and ancillary equipment and provides common logistics requirements to multiple aircraft. Individual platform OSIPs may provide their own non-recurring engineering, integration, A-kit manufacturing, and unique aircraft logistic requirements. Full rate Production Decision was approved in May 1994. Incorporation of hardware modifications will be accomplished via an ECP.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (Modification Number - Modification Title): 2 - AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)													
A Kits													
Recurring													
1.1.1) AN/ARC-210 Kit - Organic ⁽³⁾	155 / 4.953	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	155 / 4.953	
1.1.2) PY Installs - Organic	- / 1.922	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.922	
Subtotal Recurring	155 / 6.875	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	155 / 6.875	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 7.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.043	
Subtotal Non-Recurring	- / 7.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.043	
B Kits													
Recurring													
2.1.1) AN/ARC-210 Equip - Organic	3,211 / 189.115	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,211 / 189.115	
Subtotal Recurring	3,211 / 189.115	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,211 / 189.115	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 5.795	- / 0.083	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.878	
Subtotal Non-Recurring	- / 5.795	- / 0.083	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.878	
Total, AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)	3,366 / 208.828	- / 0.083	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,366 / 208.911	
Total Procurement, All Modifications	3,366 / 208.828	- / 0.083	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,366 / 208.911	
Support													
3.1) Engineering Change Orders	- / 10.352	- / 0.008	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.360	
3.2) Data	- / 6.714	- / 0.540	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.254	
3.3) Training Equipment	36 / 7.933	- / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 7.946	
3.4) Support Equipment	- / 9.689	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.689	
3.5) ILS	- / 14.451	- / 0.035	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.486	
3.6) Other Support	- / 47.443	- / 0.098	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 47.541	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	96.582	0.694	-	-	-	-	-	-	-	-	-	97.276	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)			
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement and Support	305.410	0.777	-	-	-	-	-	-	-	-	-	306.187
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	305.410	0.777	-	-	-	-	-	-	-	-	-	306.187

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0577 - Common Avionics Changes			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)	
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification			Related RDT&E PEs:	
Manufacturer Information: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)							
Method of Implementation: Not Installed - AN/ARC-210 Kit			Installation Quantity: 155				
Installation: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)							
Method of Implementation: Organic - AN/ARC-210 Equip			Installation Quantity: 3211				
Installation: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)							
Method of Implementation: Not Installed - Training Equipment			Installation Quantity: 36				
Footnotes: ⁽³⁾ All installs were PY. Cost can be found under PY Install cost element.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (Modification Number - Modification Title): 3 - Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification Common Avionics Modification					Related RDT&E PEs: 0604215N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	102.679	0.801	0.150	-	-	-	-	-	-	-	-	103.630
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	102.679	0.801	0.150	-	-	-	-	-	-	-	-	103.630
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	102.679	0.801	0.150	-	-	-	-	-	-	-	-	103.630
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Ground Proximity Warning Systems (GPWS) and Terrain Awareness Warning Systems (TAWS) use on-board sensors, digital terrain databases, and/or external signals to determine dangerous proximity to or closure toward terrain and provide cues and warnings to the aircrew. GPWS/TAWS systems are configurable to multiple platforms. Commercial and Government GPWS/TAWS implementations have shown a demonstrated dramatic reduction in controlled flight into terrain incidents. Operational Requirements Document # 850-88-12 dtd 20 January 12 validates this requirement. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: GPWS Category-I Operational Evaluation (P-3C) was successfully completed October 1993. Milestone III was successfully completed September 1996. Modifying existing GPWS software (95% reuse, 5% tailored to specific platform) for follow-on platforms. Software will be delivered for integration into platforms avionics suite.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 3 - Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)					
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification Common Avionics Modification				Related RDT&E PEs: 0604215N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)													
A Kits													
Recurring													
1.1.1) GPWS CAT I Kit - Organic ⁽⁴⁾	216 / 3.592	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / 3.592	
1.1.2) PY Installs - Organic	- / 6.819	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.819	
Subtotal Recurring	216 / 10.411	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / 10.411	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	1 / 9.208	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 9.208	
Subtotal Non-Recurring	1 / 9.208	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 9.208	
B Kits													
Recurring													
2.1.1) GPWS CAT I Equip - Organic	228 / 12.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	228 / 12.005	
Subtotal Recurring	228 / 12.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	228 / 12.005	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 17.528	- / 0.508	- / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.049	
Subtotal Non-Recurring	- / 17.528	- / 0.508	- / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.049	
Total, Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)	445 / 49.152	- / 0.508	- / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	445 / 49.673	
Total Procurement, All Modifications	445 / 49.152	- / 0.508	- / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	445 / 49.673	
Support													
3.1) Data	- / 0.866	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.866	
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	3 / 1.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.596	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 3.729	- / 0.006	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.755	
3.6) Other Support	- / 47.336	- / 0.287	- / 0.117	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 47.740	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	53.527	0.293	0.137	-	-	-	-	-	-	-	-	53.957	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)			

Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification Common Avionics Modification				Related RDT&E PEs: 0604215N				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement and Support	102.679	0.801	0.150	-	-	-	-	-	-	-	-	103.630
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	102.679	0.801	0.150	-	-	-	-	-	-	-	-	103.630

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0577 - Common Avionics Changes			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)	
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification Common Avionics Modification			Related RDT&E PEs: 0604215N	
Manufacturer Information: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)							
			Method of Implementation: Not Installed - GPWS CAT I Kit			Installation Quantity: 216	
Installation: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)							
			Method of Implementation: Not Installed - Installation Kits N/R			Installation Quantity: 1	
Installation: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)							
			Method of Implementation: Organic - GPWS CAT I Equip			Installation Quantity: 228	
Installation: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)							
			Method of Implementation: Not Installed - Training Equipment			Installation Quantity: 3	
Footnotes: ⁽⁴⁾ All installs were in PY. Cost can be found under PY install cost element							

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)			
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs: 0604215N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	71.611	0.822	0.400	-	-	-	-	-	-	-	-	72.833
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	71.611	0.822	0.400	-	-	-	-	-	-	-	-	72.833
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	71.611	0.822	0.400	-	-	-	-	-	-	-	-	72.833
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Ground Proximity Warning Systems (GPWS) and Terrain Awareness Warning Systems (TAWS) use on-board sensors, digital terrain databases, and/or external signals to determine dangerous proximity to or closure toward terrain and provide cues and warnings to the aircrew. GPWS/TAWS systems are configurable to multiple platforms. Commercial and Government GPWS/TAWS implementations have shown a demonstrated dramatic reduction in controlled flight into terrain incidents. Operational Requirements Document # 850-88-12 dtd 20 January 12 validates this requirement. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: GPWS Category III completed Milestone II in July 1993. Development Test was fully successful in May 1996. Operational Evaluation was successfully completed in August 1996. Milestone III was completed in May 1997. Modifying existing GPWS software (95% reuse, 5% tailored to specific platform) for each follow-on platform. Software will be delivered for integration into platforms avionics suite.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (Modification Number - Modification Title): 4 - Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)				
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs: 0604215N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)													
A Kits													
Recurring													
1.1.1) GPWS CAT III (A-Kit) - Organic ⁽⁵⁾	459 / 4.463	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	459 / 4.463	
1.1.2) PY Installs - Organic	- / 7.399	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.399	
Subtotal Recurring	459 / 11.862	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	459 / 11.862	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 1.258	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.258	
Subtotal Non-Recurring	- / 1.258	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.258	
B Kits													
Recurring													
2.1.1) GPWS CAT III Equip (B-Kit) - Organic	460 / 21.161	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	460 / 21.161	
Subtotal Recurring	460 / 21.161	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	460 / 21.161	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 9.464	- / 0.515	- / 0.048	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.027	
Subtotal Non-Recurring	- / 9.464	- / 0.515	- / 0.048	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.027	
Total, Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)	919 / 43.745	- / 0.515	- / 0.048	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	919 / 44.308	
Total Procurement, All Modifications	919 / 43.745	- / 0.515	- / 0.048	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	919 / 44.308	
Support													
3.1) Data	- / 1.029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.029	
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 1.404	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.404	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 1.440	- / 0.009	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.449	
3.6) Other Support	- / 23.993	- / 0.298	- / 0.352	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.643	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)			
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs: 0604215N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Total Support, All Modifications</i>	27.866	0.307	0.352	-	-	-	-	-	-	-	-	28.525	
<i>Total Procurement and Support</i>	71.611	0.822	0.400	-	-	-	-	-	-	-	-	72.833	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	71.611	0.822	0.400	-	-	-	-	-	-	-	-	72.833	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0577 - Common Avionics Changes			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)	
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification			Related RDT&E PEs: 0604215N	
Manufacturer Information: Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)							
			Method of Implementation: Not Installed - GPWS CAT III (A-Kit)			Installation Quantity: 459	
Installation: Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)							
			Method of Implementation: Organic - GPWS CAT III Equip (B-Kit)			Installation Quantity: 460	
Footnotes: ⁽⁵⁾ All installs were in PY. Cost can be found under PY Install cost element.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)				
Models of Systems Affected: All A/C as directed by OPNAV			Type Modification: Common Avionics Modification				Related RDT&E PEs: 0604215N					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	471.174	101.288	61.308	99.838	-	99.838	116.779	127.788	114.212	112.370	53.847	1,258.604
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	471.174	101.288	61.308	99.838	-	99.838	116.779	127.788	114.212	112.370	53.847	1,258.604
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	471.174	101.288	61.308	99.838	-	99.838	116.779	127.788	114.212	112.370	53.847	1,258.604
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) provides new and enhanced hardware and software solutions to comply with national and worldwide civil and military airspace requirements. Solutions include communication, navigation, surveillance and supporting technologies that facilitate air traffic management, and other civil and military operational capabilities. Impacts of non-compliance with airspace standards will include operational delays, circuitously rerouting, or access denial to controlled airspace. Prioritization of platform type and quantity is based on mission and anticipated operation in affected airspace. Examples of required functionality include Mode S datalink, 8.33 kHz Very High Frequency communications, Required Navigation Performance (RNP RNAV), Required Vertical Separation Minimum (RVSM), Automatic Dependent Surveillance - Broadcast (ADS-B), Mission Planning integration, Protected Instrument Landing System, cockpit processing and display capability. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Capability Initial Operational Capabilities: P-3C 8.33 FY12, Mode S FY07, RNP RNAV FY08, RVSM N/A; E-P3 8.33 FY10, Mode S FY09, RNP RNAV FY10, RVSM N/A; C-2A 8.33 FY09, Mode S FY09, RNP RNAV FY10, RVSM N/A, ADS-B FY16; E-2C 8.33 FY10, Mode S FY10, RNP RNAV FY10, RVSM N/A; EA-6B 8.33 FY09, Mode S FY10, RNP RNAV N/A, RVSM N/A; K/C-130J 8.33 FY10, Mode S FY10, RNP RNAV N/A, RVSM FY09; VH-60N 8.33 FY12, Mode S N/A, RNP RNAV FY19; RVSM N/A, ADS-B FY19; MH-53E 8.33 N/A, Mode S ELS FY16, RNAV FY16, RVSM N/A, ADS-B FY16; MH-60R/S 8.33 FY10, Mode S FY10, RNP RNAV FY17, RVSM N/A, ADS-B FY17; F-18E/F/G 8.33 FY10, Mode S FY09, RNP RNAV FY16, RVSM FY09, ADS-B FY18; MV-22B 8.33 FY12, Mode S FY10, RNP RNAV FY17, RVSM N/A, ADS-B FY17; AH-1Z/UH-1Y 8.33 FY10, Mode S FY12, RNP RNAV FY18, RVSM N/A, ADS-B FY18; AV-8B 8.33 FY09, RNP RNAV FY16, RVSM FY11; F-18C/D 8.33 FY10, Mode S FY13, RNP RNAV FY16, RVSM FY14; F-18A+ 8.33 FY10, Mode S FY13, RNP RNAV FY16, RVSM FY14; C-130T 8.33 FY11, Mode S FY11, RNP RNAV FY15, RVSM N/A, ADS-B FY15; T-45 8.33 N/A, Mode S N/A, RNP RNAV FY16, RVSM N/A; CH-46E 8.33 N/A, Mode S N/A, RNP RNAV N/A, RVSM N/A												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 5 - Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)
Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 5 - Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)				
Models of Systems Affected: All A/C as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs: 0604215N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)												
A Kits												
Recurring												
1.1.1) CNS/ATM Kit - NonOrganic ⁽⁶⁾	265 / 19.268	12 / 1.314	5 / 1.041	- / -	- / -	- / -	50 / 0.823	59 / 2.561	9 / 1.728	10 / 2.386	7 / 1.508	417 / 30.629
Subtotal Recurring	265 / 19.268	12 / 1.314	5 / 1.041	- / -	- / -	- / -	50 / 0.823	59 / 2.561	9 / 1.728	10 / 2.386	7 / 1.508	417 / 30.629
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 24.034	- / 3.682	- / -	- / 11.421	- / -	- / 11.421	- / 2.958	- / 0.399	- / -	- / -	- / -	- / 42.494
Subtotal Non-Recurring	- / 24.034	- / 3.682	- / -	- / 11.421	- / -	- / 11.421	- / 2.958	- / 0.399	- / -	- / -	- / -	- / 42.494
B Kits												
Recurring												
2.1.1) Installation Equipment - CNS/ATM Equip - Organic	619 / 66.893	366 / 25.952	54 / 7.886	27 / 2.963	- / -	27 / 2.963	118 / 13.466	772 / 30.007	910 / 40.627	1,140 / 56.519	89 / 9.719	4,095 / 254.032
2.1.2) Installation Equipment - CNS/ATM P-ILS - Organic	713 / 2.731	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	713 / 2.731
Subtotal Recurring	1,332 / 69.624	366 / 25.952	54 / 7.886	27 / 2.963	- / -	27 / 2.963	118 / 13.466	772 / 30.007	910 / 40.627	1,140 / 56.519	89 / 9.719	4,808 / 256.763
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic ⁽⁷⁾	14 / 113.065	- / 34.506	- / 18.360	1 / 54.519	- / -	1 / 54.519	1 / 62.610	- / 44.145	- / 27.374	- / 7.365	- / -	16 / 361.944
Subtotal Non-Recurring	14 / 113.065	- / 34.506	- / 18.360	1 / 54.519	- / -	1 / 54.519	1 / 62.610	- / 44.145	- / 27.374	- / 7.365	- / -	16 / 361.944
Total, Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	1,611 / 225.991	378 / 65.454	59 / 27.287	28 / 68.903	- / -	28 / 68.903	169 / 79.857	831 / 77.112	919 / 69.729	1,150 / 66.270	96 / 11.227	5,241 / 691.830
Total Procurement, All Modifications	1,611 / 225.991	378 / 65.454	59 / 27.287	28 / 68.903	- / -	28 / 68.903	169 / 79.857	831 / 77.112	919 / 69.729	1,150 / 66.270	96 / 11.227	5,241 / 691.830
Support												
3.1) Engineering Change Orders ⁽⁸⁾	- / 1.341	- / 0.027	- / 0.079	- / 0.211	- / -	- / 0.211	- / 0.837	- / 0.965	- / 1.339	- / 0.788	- / 0.157	- / 5.744
3.2) Data ⁽⁹⁾	- / 10.400	- / 0.476	- / 0.156	- / 0.302	- / -	- / 0.302	- / 0.825	- / 0.811	- / 0.590	- / 0.655	- / 0.379	- / 14.594
3.3) Training	18 / 17.728	2 / 3.499	- / -	- / 0.298	- / -	- / 0.298	- / 2.057	1 / 8.473	1 / 3.352	2 / 9.263	- / 4.326	24 / 48.996
3.4) Support Equipment	- / 0.819	- / -	- / 0.077	- / 0.022	- / -	- / 0.022	- / -	- / 0.015	- / 0.197	- / 0.635	- / 0.042	- / 1.807
3.5) ILS ⁽¹⁰⁾	- / 7.232	- / 0.262	- / 0.109	- / 0.416	- / -	- / 0.416	- / 0.697	- / 0.791	- / 0.873	- / 0.840	- / 0.155	- / 11.375

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (Modification Number - Modification Title): 5 - Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)			
Models of Systems Affected: All A/C as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs: 0604215N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
3.6) Other Support	- / 186.758	- / 26.758	- / 29.361	- / 26.292	- / -	- / 26.292	- / 32.506	- / 38.793	- / 35.741	- / 30.413	- / 34.317	- / 440.939
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	224.278	31.022	29.782	27.541	-	27.541	36.922	49.848	42.092	42.594	39.376	523.455
Total Procurement and Support	450.269	96.476	57.069	96.444	-	96.444	116.779	126.960	111.821	108.864	50.603	1,215.285
Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01) Installation Cost	- / 20.905	- / 4.812	- / 4.239	- / 3.394	- / -	- / 3.394	- / -	- / 0.828	- / 2.391	- / 3.506	- / 3.244	- / 43.319
Total Installation Cost	- / 20.905	- / 4.812	- / 4.239	- / 3.394	- / -	- / 3.394	- / -	- / 0.828	- / 2.391	- / 3.506	- / 3.244	- / 43.319
Total Cost (Procurement + Support + Installation)	471.174	101.288	61.308	99.838	-	99.838	116.779	127.788	114.212	112.370	53.847	1,258.604

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0577 - Common Avionics Changes								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 5 - Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)															
Models of Systems Affected: All A/C as directed by OPNAV								Type Modification: Common Avionics Modification								Related RDT&E PEs: 0604215N															
Manufacturer Information: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 4														Production Leadtime (<i>in Months</i>): 11																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Jan 2012				Jan 2013								Jan 2015				Jan 2016				Jan 2017				Jan 2018					
Delivery Dates		Dec 2012				Dec 2013								Dec 2015				Dec 2016				Dec 2017				Dec 2018					
Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)														Method of Implementation: USN Field Modification Team								Installation Name: CNS/ATM Kit									
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		235 / 20.905		30 / 4.812		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		265 / 25.717					
FY 2012		- / -		- / -		12 / 4.239		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 4.239					
FY 2013		- / -		- / -		- / -		5 / 3.394		- / -		5 / 3.394		- / -		- / -		- / -		- / -		- / -		- / -		5 / 3.394					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		50 / 0.828		- / -		- / -		- / -		- / -		50 / 0.828					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		58 / 2.391		- / -		- / -		- / -		58 / 2.391					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 3.506		- / -		- / -		9 / 3.506					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 1.854		7 / 1.854		7 / 1.854					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		7 / 1.390		7 / 1.390		7 / 1.390					
Total		235 / 20.905		30 / 4.812		12 / 4.239		5 / 3.394		- / -		5 / 3.394		- / -		50 / 0.828		58 / 2.391		9 / 3.506		14 / 3.244		413 / 43.319		413 / 43.319					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	235	7	7	8	8	3	3	3	3	1	1	1	2	-	-	-	-	12	12	13	13	14	14	15	15	2	2	2	3	14	413
Out	235	7	7	8	8	3	3	3	3	1	1	1	2	-	-	-	-	12	12	13	13	14	14	15	15	2	2	2	3	14	413

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (Modification Number - Modification Title): 5 - Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)
Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: Organic - Installation Equipment - CNS/ATM Equip	Installation Quantity: 4095
Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: Organic - Installation Equipment - CNS/ATM P-ILS	Installation Quantity: 713
Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: Not Installed - Installation Equipment N/R	Installation Quantity: 16
Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: Not Installed - Training	Installation Quantity: 24
Footnotes: (6) Cost per quantity variation is due to variation in platforms, platform quantities, associated equipment per platform, and cost per equipment. ** B-Kits quantities differ from A-Kits where B-Kits consists of a card or module that will be integrated without A-Kit requirement. ** Installation Kit/Installation Equipment quantities reflect number of units procured, installation quantity reflects number of aircraft. ** Certifications are based on analysis and doesn't necessarily reflect integration. ** E-2C GNS-530 COTS item; no production lead time. ** Installing 5 prior year E-2 Kits in FY12 due to FY11 HAC Mark ** Production Lead Time is acceptable and does not impact induction of aircraft due to length of aircraft modification. ** PMA-209 to fund 1 install for KC-130J. PMA 207 to install 1 A/B Kit in FY17 and 3 in to Complete. ** In FY14, the B-kit ship set quantities for the F/A-18 A+ reflect the APX-111 Mode S upgrades. No A-kit required or install required for the APX-111 [v. -20] (7) Install equipment increase in the Bkit NR from FY13 to FY14 is the following additional platforms; MH-53, C2, MH-60R, AH-1Z, AV-8B and KC130T. The following platforms are continuing of F/A 18. (8) The following additional platforms have ECO requirements in FY14 C2, H53, H-60 and H-1. (9) The following additional platforms have Data requirements in FY14 C2, H53, H-60 and AV-8B ECO was increased by \$80K due to additional requirements in FY14. (10) The following additional platforms have ILS requirement in FY14, C-2, H-53, H-60 and H-1.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 6 - Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	319.401	16.132	0.900	0.900	-	0.900	-	-	-	-	-	337.333
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	319.401	16.132	0.900	0.900	-	0.900	-	-	-	-	-	337.333
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	319.401	16.132	0.900	0.900	-	0.900	-	-	-	-	-	337.333
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Advanced Mission Computer and Displays (AMC&D) program modifies/replaces existing obsolete and performance limited AN/AYK-14(V) Mission Computers and Contractor Furnished Equipment and Displays in naval aviation platforms. The program system consists of an Advanced Mission Computer (AMC) technologies which includes areas such as Mission Processing and Display Processing, Display Heads (DH), High-Speed Data Bus interfaces with Fiber Channel Network Switches (FCNS), Core system software, and multi-functional 8x10 Multipurpose Color Displays (MPCD). AMC&D system will have modular components integrated on an Open Systems Architecture so that it can be tailored and configured for multiple applications implementing common core system software and hardware modules. The capabilities address new performance requirements and technologies while minimizing the investment cost so that it can be tailored and configured for each application, and can address new performance requirements and technologies with minimum cost. AMC&D will provide improved mission computers and displays to handle increased requirement for flight, mission, and imagery data. Due to obsolescence problems with the current Multipurpose Color Display (MPCD), the AMC&D program is leveraging the 5x5 DH to provide a form, fit, function and interface replacement (no install funding required). The program conducts analysis on parts obsolescence and its associated resolutions which will be required to maintain current AMC&D configuration and to determine life of type procurements as required for platform installations. AMC&D Mission Need Statement - M061-88-94 of 2 December 1994. AMC&D Operational Requirements Document Ser. No. 549-88-00 Approved 21 March 2000. MPCD production buys began in FY02 (no installation required) and AMC&D Low Rate Initial Production production buys began in FY01 with Full Rate Production buys beginning in FY04. The F/A-18E/F Retrofit Program (began in FY06) goal is to achieve a 2-block configuration. Block 1 aircraft include Lots 23-25 and Block 2 includes Lots 26 and above. Block 1 will consist of replacing the AN/AYK-14 computers in Lots 23-24 and replacing the AMC with a newer configuration AMC in Lot 25. The computers are obtained as part of a reuse program from Block 2 portion of the upgrade and all Lots will require an A-kit. Lots 26 and 27 of Block 2 are provisioned to accept all Weapons Replaceable Assemblies (WRAs) for Block 2. The FY06 procurement for Lots 26 consisted of FCNS, displays and digital video mapping card. The FY06 procurement for Lot 27 consisted of displays, Dital Video Map Computer, and upgrade to a card in the AMC. To maintain the common block configuration, new AMCs are procured for both Lots in the out years. The AMCs removed from Lots 26 and 27 will be part of the reuse to the Block 1 configuration. The AMCs procured for Lot 28 and 29 do not require installation costs since they are a form fit function replacement for as-delivered AMCs. The systems removed from Lots 28 and 29 will be part of the reuse process. The FY08, 09 and 10 procurements include B-kits to provide digital output for the 8x10 AMPD High Resolution Recorder Interface to address a Commander, Operational Test and Evaluation Force finding of poor ready room playback quality of the current analog video signal.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
FY13 & FY14 activity covers government management and oversight of Shop Replaceable Assemblies (SRAs) integration and installation into previously procured WRAs, and installation/coordination of WRA back into the aircraft (no aircraft install costs, O-level installs will be done by AV-8B). These SRA upgrades increase capability and longevity of the existing aircraft. Without these upgrades, the aircraft will no longer be operational, and will no longer be capable of flying by 2015. These upgrades will increase the life of aircraft through 2027. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: AMC and 5x5 display Critical Design Review - 2nd Qtr FY01. FCNS CDR - 4th Qtr FY01, 8x10 CDR - 2nd Qtr FY02. F/A-18E/F: OPEVAL - 2nd Qtr FY03, Milestone III - 4th Qtr FY04, OA - 3rd Qtr FY02, FOT&E 3rd Qtr FY04. AV-8B DT-IIB-2 - 4th Qtr FY01, Operational Evaluation - 4th Qtr FY02, Milestone III - 2nd Qtr FY03. 8x10 Displays Milestone III 2nd Qtr FY06. Due to variation in lead times, B-kits are procured in year 1, A-kits in year 2 and Installs in year 3. B-kit lead time 19 months, A-kit lead time 8 months.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 6 - Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)					
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)													
A Kits													
Recurring													
1.1.1) AMC&D Kits - Organic ⁽¹¹⁾	261 / 2.376	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	261 / 2.376	
1.1.2) PY Installs - Organic	- / 0.418	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.418	
Subtotal Recurring	261 / 2.794	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	261 / 2.794	
B Kits													
Recurring													
2.1.1) AMC&D / MPCD Equip - Organic	957 / 182.335	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	957 / 182.335	
Subtotal Recurring	957 / 182.335	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	957 / 182.335	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 82.612	- / 8.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 90.693	
Subtotal Non-Recurring	- / 82.612	- / 8.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 90.693	
Total, Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)	1,218 / 267.741	- / 8.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,218 / 275.822	
Total Procurement, All Modifications	1,218 / 267.741	- / 8.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,218 / 275.822	
Support													
3.1) Engineering Change Orders	- / 3.887	- / 4.067	- / 0.900	- / 0.900	- / -	- / 0.900	- / -	- / -	- / -	- / -	- / -	- / 9.754	
3.2) Data	- / 1.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.427	
3.3) Training Equipment	- / 1.926	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.926	
3.4) Support Equipment	- / 2.343	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.343	
3.5) ILS	- / 9.996	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.996	
3.6) Other Support	- / 32.081	- / 3.984	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 36.065	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	51.660	8.051	0.900	0.900	-	0.900	-	-	-	-	-	61.511	
Total Procurement and Support	319.401	16.132	0.900	0.900	-	0.900	-	-	-	-	-	337.333	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)			
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	319.401	16.132	0.900	0.900	-	0.900	-	-	-	-	-	337.333	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0577 - Common Avionics Changes			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 6 - Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)	
Models of Systems Affected: All Aircraft as directed by OPNAV		Type Modification: Common Avionics Modification			Related RDT&E PEs:		
Manufacturer Information: Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)							
			Method of Implementation: Not Installed - AMC&D Kits			Installation Quantity: 261	
Installation: Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)							
			Method of Implementation: Organic - AMC&D / MPCD Equip			Installation Quantity: 957	
Footnotes: (11) ** 52 A-kits were turned over to PMA-265 for install All installs were PY. Cost can be found under PY Install cost element							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	117.962	4.706	2.590	-	-	-	-	-	-	-	-	125.258
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	117.962	4.706	2.590	-	-	-	-	-	-	-	-	125.258
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	117.962	4.706	2.590	-	-	-	-	-	-	-	-	125.258
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Tactical Aircraft Moving Map Capability (TAMMAC) provides the aircrew an easily assimilated graphical presentation of the aircraft's position and the relative positions of targets, threats, terrain features, planned mission flight path, no fly zones, safe bases and other objects. The program presents the aircraft's current situation on a map using new or existing cockpit displays. In addition to providing a moving map capability, the program provides a memory resource for the overall aircraft mission system and incorporates an improved data transfer and recording capability. This memory resource includes a data loader function of sufficient memory capacity and speed to load/update all required map theater and mission specific databases as well as the ability to record mission and maintenance data. TAMMAC will also provide a Terrain Awareness Warning System capability. The principle benefits anticipated, increased mission effectiveness and survivability, arise from improved situation awareness, reduced crew workload and enhanced capability for precision navigation, targeting, terrain avoidance, and mission re-planning. The TAMMAC program will procure and modify TAMMAC hardware and software technology as well as support the re-use of existing hardware when appropriate for all naval aviation aircraft. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Milestone III approved April 01.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (Modification Number - Modification Title): 7 - Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)				
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)													
A Kits													
Recurring													
1.1.1) TAMMAC Kit - NonOrganic ⁽¹²⁾	535 / 2.497	14 / 0.294	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	549 / 2.791	
Subtotal Recurring	535 / 2.497	14 / 0.294	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	549 / 2.791	
B Kits													
Recurring													
2.1.1) TAMMAC Equip - Organic	771 / 38.974	15 / 1.227	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	786 / 40.201	
Subtotal Recurring	771 / 38.974	15 / 1.227	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	786 / 40.201	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 41.980	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 41.980	
Subtotal Non-Recurring	- / 41.980	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 41.980	
Total, Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)	1,306 / 83.451	29 / 1.521	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,335 / 84.972	
Total Procurement, All Modifications	1,306 / 83.451	29 / 1.521	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,335 / 84.972	
Support													
3.1) Engineering Change Orders	- / 1.069	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.069	
3.2) Data	- / 0.626	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.626	
3.3) Training Equipment	- / 0.066	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.066	
3.4) Support Equipment	399 / 1.359	- / 0.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	399 / 1.481	
3.5) ILS	- / 2.761	- / 0.640	- / 0.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.551	
3.6) Other Support	- / 22.456	- / 1.411	- / 0.790	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.657	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	28.337	2.173	0.940	-	-	-	-	-	-	-	-	31.450	
Total Procurement and Support	111.788	3.694	0.940	-	-	-	-	-	-	-	-	116.422	
Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02) Installation Cost	- / 6.174	- / 1.012	- / 1.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.836	
Total Installation Cost	- / 6.174	- / 1.012	- / 1.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.836	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)		
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Cost (Procurement + Support + Installation)	117.962	4.706	2.590	-	-	-	-	-	-	-	-	125.258

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0577 - Common Avionics Changes								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)															
Models of Systems Affected: All Aircraft as directed by OPNAV								Type Modification: Common Avionics Modification								Related RDT&E PEs:															
Manufacturer Information: Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 7														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Apr 2012																													
Delivery Dates		Apr 2013																													
Installation: Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)														Method of Implementation: USN Field Modification Team								Installation Name: TAMMAC Kit									
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)										
All Prior Years		455 / 6.174	60 / 1.012		15 / 0.100		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		530 / 7.286								
FY 2012		- / -	- / -		14 / 1.550		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		14 / 1.550								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		455 / 6.174	60 / 1.012		29 / 1.650		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		544 / 8.836								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	455	15	15	15	15	3	4	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	544
Out	455	15	15	15	15	3	4	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	544
Installation: Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)														Method of Implementation: Organic - TAMMAC Equip								Installation Quantity: 786									

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 7 - Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
Installation: Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 399
Footnotes: (12) ** Difference in A and B kits reflect procurements of AMU only and DVMC retrofits - no A kit required. ** FY11/12/13 to support Wartime efforts AV-8B's 4 year IMP Install schedule changed to a 5 year Install Schedule. ** (3) F/A-18 C/D A-Kits procured in Prior Years were stricken from record prior to AFC327 ** (2) F/A-18 C/D installs were completed by PMA265 in FY11.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Attitude Gyro Upgrade (OSIP 07-04)			
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	52.864	-	-	-	-	-	-	-	-	-	-	52.864
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	52.864	-	-	-	-	-	-	-	-	-	-	52.864
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	52.864	-	-	-	-	-	-	-	-	-	-	52.864
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Attitude Gyro Upgrade replaces obsolete 1960s technology gyros in naval aviation aircraft with a more reliable and maintainable gyro. The program provides state-of-the-art Commercial-off-the-Shelf products to improve readiness and reduce fleet operational and support costs in the flight hour program for all naval aviation aircraft. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Production Decision for Rate Gyros was completed in 4Q FY06. Production Decision for Displacement Gyros was completed in 3Q FY11. Microelectromechanical systems Rate & Displacement Gyros have completed retrofit into HH-60J a/c. Rate Gyro retrofits are ongoing for HH-60H, SH-60B/F, and MH-60R/S aircraft. Rate Gyros are planned for installation on CH-53E & MH-53E aircraft starting in 4Q FY11. Displacement Gyros are planned for installation on CH-53E, MH-53E, EP-3E and P-3C aircraft starting in 3Q FY12.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 8 - Attitude Gyro Upgrade (OSIP 07-04)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Attitude Gyro Upgrade (OSIP 07-04)												
B Kits												
Recurring												
2.1.1) Attitude Upgrade Equip - Organic ⁽¹³⁾	4,654 / 27.271	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,654 / 27.271
Subtotal Recurring	4,654 / 27.271	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,654 / 27.271
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 8.381	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.381
Subtotal Non-Recurring	- / 8.381	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.381
Total, Attitude Gyro Upgrade (OSIP 07-04)	4,654 / 35.652	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,654 / 35.652
Total Procurement, All Modifications	4,654 / 35.652	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,654 / 35.652
Support												
3.1) Data	- / 0.914	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.914
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) ILS	- / 0.740	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.740
3.4) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / 15.558	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.558
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	17.212	-	-	-	-	-	-	-	-	-	-	17.212
Total Procurement and Support	52.864	-	-	-	-	-	-	-	-	-	-	52.864
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	52.864	-	-	-	-	-	-	-	-	-	-	52.864

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0577 - Common Avionics Changes			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 8 - Attitude Gyro Upgrade (OSIP 07-04)	
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification			Related RDT&E PEs:	
Manufacturer Information: Attitude Gyro Upgrade (OSIP 07-04)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: Attitude Gyro Upgrade (OSIP 07-04)							
Method of Implementation: Organic - Attitude Upgrade Equip				Installation Quantity: 4654			
Footnotes: (13) ** H-53 OSIP # 08-06 reflects (7) Displacement Gyros in FY07. ** O-Level installations; therefore, no install cost.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)			
Models of Systems Affected: All A/C as directed by OPNAV			Type Modification: Common Avionics Modification				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	22.977	2.012	4.060	2.970	-	2.970	5.090	5.182	5.275	5.370	26.793	79.729
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	22.977	2.012	4.060	2.970	-	2.970	5.090	5.182	5.275	5.370	26.793	79.729
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	22.977	2.012	4.060	2.970	-	2.970	5.090	5.182	5.275	5.370	26.793	79.729
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Aircrew Wireless Internal Communications System (AWICS) is a safety generated program that provides a wireless Internal Communication System (ICS) capability to prevent aircrew/passenger entanglement with ICS long cords in the event of mishap and allows unimpeded movement throughout the aircraft. The priority for fielding is determined by the aircraft that are most susceptible to a water ditching and likely long cord entanglement scenario. Long cord entanglement and subsequent drowning is a documented cause of death in previous mishap investigations. The program will procure new and/or modify existing equipment for Naval Aviation aircraft as necessary to facilitate the elimination of the long cord danger while maintaining the aircraft's existing ICS capability. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Installation Decision (Unencrypted) 3rd Quarter 2006.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (Modification Number - Modification Title): 9 - Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)				
Models of Systems Affected: All A/C as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)													
A Kits													
Recurring													
1.1.1) Installation Kits (A-Kits) - NonOrganic ⁽¹⁴⁾	469 / 1.553	15 / 0.036	21 / 0.256	34 / 0.090	- / -	34 / 0.090	61 / 0.195	78 / 0.254	63 / 0.209	67 / 0.225	396 / 1.313	1,204 / 4.131	
Subtotal Recurring	469 / 1.553	15 / 0.036	21 / 0.256	34 / 0.090	- / -	34 / 0.090	61 / 0.195	78 / 0.254	63 / 0.209	67 / 0.225	396 / 1.313	1,204 / 4.131	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 0.303	- / 0.030	- / -	- / -	- / -	- / -	- / -	- / 0.025	- / -	- / -	- / -	- / 0.358	
Subtotal Non-Recurring	- / 0.303	- / 0.030	- / -	- / -	- / -	- / -	- / -	- / 0.025	- / -	- / -	- / -	- / 0.358	
B Kits													
Recurring													
2.1.1) AWICS Equip - Organic ⁽¹⁵⁾	509 / 5.694	15 / 0.143	21 / 0.537	34 / 0.352	- / -	34 / 0.352	106 / 2.330	109 / 2.171	112 / 2.347	112 / 2.568	1,048 / 17.130	2,066 / 33.272	
Subtotal Recurring	509 / 5.694	15 / 0.143	21 / 0.537	34 / 0.352	- / -	34 / 0.352	106 / 2.330	109 / 2.171	112 / 2.347	112 / 2.568	1,048 / 17.130	2,066 / 33.272	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 1.632	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.632	
Subtotal Non-Recurring	- / 1.632	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.632	
Total, Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)	978 / 9.182	30 / 0.209	42 / 0.793	68 / 0.442	- / -	68 / 0.442	167 / 2.525	187 / 2.450	175 / 2.556	179 / 2.793	1,444 / 18.443	3,270 / 39.393	
Total Procurement, All Modifications	978 / 9.182	30 / 0.209	42 / 0.793	68 / 0.442	- / -	68 / 0.442	167 / 2.525	187 / 2.450	175 / 2.556	179 / 2.793	1,444 / 18.443	3,270 / 39.393	
Support													
3.1) Data	- / 0.184	- / 0.015	- / 0.026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.225	
3.2) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	
3.4) Support Equipment	- / 0.208	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.208	
3.5) ILS	- / 1.334	- / 0.008	- / 0.098	- / 0.201	- / -	- / 0.201	- / 0.048	- / 0.100	- / 0.200	- / 0.200	- / -	- / 2.189	
3.6) Other Support ⁽¹⁶⁾	- / 9.180	- / 1.702	- / 2.685	- / 1.993	- / -	- / 1.993	- / 1.871	- / 1.809	- / 1.829	- / 1.629	- / 4.742	- / 27.440	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)				

Models of Systems Affected: All A/C as directed by OPNAV			Type Modification: Common Avionics Modification				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Total Support, All Modifications</i>	11.006	1.725	2.809	2.194	-	2.194	1.919	1.909	2.029	1.829	4.742	30.162
<i>Total Procurement and Support</i>	20.188	1.934	3.602	2.636	-	2.636	4.444	4.359	4.585	4.622	23.185	69.555
Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04) Installation Cost	- / 2.789	- / 0.078	- / 0.458	- / 0.334	- / -	- / 0.334	- / 0.646	- / 0.823	- / 0.690	- / 0.748	- / 3.608	- / 10.174
<i>Total Installation Cost</i>	- / 2.789	- / 0.078	- / 0.458	- / 0.334	- / -	- / 0.334	- / 0.646	- / 0.823	- / 0.690	- / 0.748	- / 3.608	- / 10.174
Total Cost (Procurement + Support + Installation)	22.977	2.012	4.060	2.970	-	2.970	5.090	5.182	5.275	5.370	26.793	79.729

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0577 - Common Avionics Changes										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)											
Models of Systems Affected: All A/C as directed by OPNAV										Type Modification: Common Avionics Modification										Related RDT&E PEs:											
Manufacturer Information: Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)																															
Manufacturer Name: Telephonics Corp													Manufacturer Location: Farmingdale, NY																		
Administrative Leadtime (<i>in Months</i>): 2													Production Leadtime (<i>in Months</i>): 3																		
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates		Nov 2011			Nov 2012			Nov 2013			Nov 2014			Nov 2015			Nov 2016			Nov 2017											
Delivery Dates		Feb 2012			Feb 2013			Feb 2014			Feb 2015			Feb 2016			Feb 2017			Feb 2018											
Installation: Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)													Method of Implementation: Contractor or USN Field Mod Team							Installation Name: Installation Kits (A-Kits)											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		431 / 2.789	12 / 0.078	18 / 0.153	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	461 / 3.020																		
FY 2012		- / -	- / -	15 / 0.127	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.127																		
FY 2013		- / -	- / -	21 / 0.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 0.178																		
FY 2014		- / -	- / -	- / -	34 / 0.334	- / -	34 / 0.334	- / -	- / -	- / -	- / -	- / -	34 / 0.334																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	61 / 0.646	- / -	- / -	- / -	- / -	61 / 0.646																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	78 / 0.823	- / -	- / -	- / -	78 / 0.823																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 0.690	- / -	- / -	63 / 0.690																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 0.748	- / -	67 / 0.748																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	396 / 3.608	396 / 3.608																		
Total		431 / 2.789	12 / 0.078	54 / 0.458	34 / 0.334	- / -	34 / 0.334	61 / 0.646	78 / 0.823	63 / 0.690	67 / 0.748	396 / 3.608	1,196 / 10.174																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	431	-	4	4	4	-	18	18	18	-	11	11	12	-	20	20	21	-	26	26	26	-	21	21	21	-	22	22	23	396	1,196
Out	431	-	4	4	4	-	18	18	18	-	11	11	12	-	20	20	21	-	26	26	26	-	21	21	21	-	22	22	23	396	1,196

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 9 - Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)
Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
Installation: Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)	Method of Implementation: Organic - AWICS Equip	Installation Quantity: 2066
Footnotes: ⁽¹⁴⁾ MH-53E - FY10 - Moved MH-53E (5) A-Kits and Installs to CH-46E (B-Kits provided by Platform Program Office). **FY10 - Moved CH-53D (5) A-Kits and Installs to CH-46E (B-Kits Provided by Platform Program Office). **FY11 - (1) MV-22B A-Kit procured and install funded by Platform Program Office. **FY07 - (2) MV-22 A-Kit procured and install funded by Platform Program Office. (5) Kits from FY11 for UH-1Y being installed in FY12 were returned to Central Kitting Activity. Will not be installed. ⁽¹⁵⁾ In FY07, HH-1N - 1 B-Kit taken from inventory, no need to purchase kit. ** CH-46E- FY10 - Platform Program Office provided 12 B-Kits. ** H-53 & MH-53 fielding of Windtalker Encryption Devices (WEDS) is 1 shipset for 2 aircraft ** Total includes unencrypted units that are being replaced with encryptable (225) and also includes WEDS (522) . No A-Kit required. Total B-kits minus unencrypted and WEDS is 1319. 45 B-kits higher than A-Kits and Installs due to 31 CH-53E B-Kits were sun-downed and 14 CH-53E units from FY07 still on the shelf at CKA. The difference in the kit procurement and installs is because the WEDS do not require A-kit or installs. The cost the AWIC components/other support increased to reflect the change required to support encryption. Budget reflects the change from unencrypted to encrypted this is more sophisticated system and more components for the kits. ⁽¹⁶⁾ The cost the AWIC components/other support increased to reflect the change required to support encryption. Budget reflects the change from unencrypted to encrypted this is more sophisticated system and more components for the kits.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - Avionics Component Improvement Program (AvCIP) (OSIP 11-09)			
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	4.901	0.920	-	-	-	-	3.823	5.000	5.000	5.000	114.635	139.279
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	4.901	0.920	-	-	-	-	3.823	5.000	5.000	5.000	114.635	139.279
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	4.901	0.920	-	-	-	-	3.823	5.000	5.000	5.000	114.635	139.279
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Avionics Component Improvement Program (AvCIP) provides resources to address critical readiness, reliability deficiencies, obsolescence, demonstrations, loss of sustainability, and top Fleet repair cost drivers in naval avionics systems. In the year prior to execution, candidate projects from all Type/Model/Series are collected, reviewed, competed and selected based upon proposal solution maturity and executability, mission criticality and urgency, degree of readiness impact or Fleet maintenance or repair cost burden, return on investment, and Fleet advocacy. AvCIP is a better business practice to address cost-wise readiness in support of Naval Aviation Enterprise efficiency objectives. AvCIP is funded by both Research, Development Test & Evaluation, Navy and Aircraft Procurement, Navy (APN) accounts to cover Non-Recurring Engineering (NRE) for design/development or re-design/modification, demonstrations, integration testing, prototype/lab asset development, qualification testing and engineering and logistics documentation and support services. APN funds will cover NRE to insert modern technology to address poor performance or obsolescence, and support project procurements, as required. Follow-on procurement tails will be coordinated with Program Offices and their Operational, Safety and Improvement Programs, as required. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: AvCIP project selection criteria includes proposed solution maturity and executability. Target project length to start of fielding of the solution is 12-18 months. Procurements below are representative of initial project lab asset purchases for qualification and productionization validation. Units may be transferred to Fleet platforms as operational assets. Future year specific development profiles/milestones will be dependent upon projects competed and selected. Multiple projects may be selected each year.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 10 - Avionics Component Improvement Program (AvCIP) (OSIP 11-09)					
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Avionics Component Improvement Program (AvCIP) (OSIP 11-09)													
B Kits													
Recurring													
2.1.1) AvCIP B-Kits - NonOrganic ⁽¹⁷⁾													
Subtotal Recurring													
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic ⁽¹⁸⁾													
Subtotal Non-Recurring													
Total, Avionics Component Improvement Program (AvCIP) (OSIP 11-09)													
Total Procurement, All Modifications													
Support													
3.1) Engineering Change Orders													
3.2) Data													
3.3) ILS													
3.4) Training Equipment													
3.5) Support Equipment													
3.6) Other Support													
3.7) Interim Contractor Support													
Total Support, All Modifications													
Total Procurement and Support													
Avionics Component Improvement Program (AvCIP) (OSIP 11-09) Installation Cost													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0577 - Common Avionics Changes								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - Avionics Component Improvement Program (AvCIP) (OSIP 11-09)															
Models of Systems Affected: All Aircraft as directed by OPNAV								Type Modification: Common Avionics Modification								Related RDT&E PEs:															
Manufacturer Information: Avionics Component Improvement Program (AvCIP) (OSIP 11-09)																															
Manufacturer Name: TBD														Manufacturer Location: TBD																	
Administrative Leadtime (<i>in Months</i>): 2														Production Leadtime (<i>in Months</i>): 15																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates														Nov 2014				Nov 2015				Nov 2016				Nov 2017					
Delivery Dates														Feb 2016				Feb 2017				Feb 2018				Feb 2019					
Installation: Avionics Component Improvement Program (AvCIP) (OSIP 11-09)														Method of Implementation: Equipment is provided to Platform PMA and installed as per airframe ECP/AFC																	
														Installation Name: AvCIP B-Kits																	
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.400		- / -		- / -		- / -		- / -		8 / 0.400					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 0.500		- / -		- / -		- / -		10 / 0.500					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 0.500		- / -		- / -		10 / 0.500					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		10 / 0.500		10 / 0.500		10 / 0.500					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		156 / 8.470		156 / 8.470		156 / 8.470					
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8 / 0.400		10 / 0.500		10 / 0.500		166 / 8.970		194 / 10.370		194 / 10.370					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3	-	3	3	4	-	3	3	4	166	194
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3	-	3	3	4	-	3	3	4	166	194
Footnotes:																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 10 - Avionics Component Improvement Program (AvCIP) (OSIP 11-09)
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
(17) There are no corresponding A-Kits associated with B-Kits. B-Kits & Installs are estimated based on engineering projections. Actual components to be determined during project selection in the year prior to execution, as outlined in project description/justification on P3-a. (18) ** BLIs containing the B-Kit/equipment modification funding to date are as follows: 054400 E-2 Series, 051400 AV-8 Series, 05300 SH-60 Series, 051100 EA-6 Series, 056600 C-2A(R) Series Modifications, 052500 F-18 Series Modification, and 057700 Common Avionics.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 11 - COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	3.426	-	-	-	-	-	-	-	-	-	-	3.426
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3.426	-	-	-	-	-	-	-	-	-	-	3.426
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3.426	-	-	-	-	-	-	-	-	-	-	3.426
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: COTS Safety Systems (COTS) Safety Systems program rapidly procures off the shelf safety enhancements to Naval aircraft to enhance aircrew and aircraft survivability.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes								Modification Nomenclature (Modification Number - Modification Title): 11 - COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)			
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs:							
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)			
Procurement															
COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)															
B Kits															
Recurring															
2.1.1) COTS Safety Systems - Organic	670 / 3.342	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	670 / 3.342			
Subtotal Recurring	670 / 3.342	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	670 / 3.342			
Total, COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)	670 / 3.342	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	670 / 3.342			
Total Procurement, All Modifications	670 / 3.342	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	670 / 3.342			
Support															
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -			
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -			
3.3) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -			
3.4) Training Equipment	- / 0.026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.026			
3.5) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -			
3.6) Other Support	- / 0.058	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.058			
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -			
Total Support, All Modifications	0.084	-	-	-	-	-	-	-	-	-	-	0.084			
Total Procurement and Support	3.426	-	-	-	-	-	-	-	-	-	-	3.426			
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -			
Total Cost (Procurement + Support + Installation)	3.426	-	-	-	-	-	-	-	-	-	-	3.426			

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0577 - Common Avionics Changes			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 11 - COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)	
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification			Related RDT&E PEs:	
Manufacturer Information: COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)			Method of Implementation: Organic - COTS Safety Systems			Installation Quantity: 670	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - Blue Force Situational Awareness (OSIP 10-11)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	14.100	11.467	19.420	8.420	-	8.420	-	-	-	-	-	53.407
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	14.100	11.467	19.420	8.420	-	8.420	-	-	-	-	-	53.407
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	14.100	11.467	19.420	8.420	-	8.420	-	-	-	-	-	53.407
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Blue Force Situational Awareness employs techniques to actively or passively identify and track United States, allied, or coalition forces for the purpose of providing the decision-maker enhanced battlespace situational awareness and reducing fratricide. The program, led by the Army with joint participation, upgrades legacy Force XXI Battle Command Brigade and Below Blue Force Tracking systems to the configuration required to meet the Joint Battle Command -Platform (JBC-P) Capability Development Document and to add JBC-P capability to other aircraft as directed by Office of the Chief of Naval Operations, providing Joint, interoperable, secure, beyond line of sight, near real time, battle command networking and blue force situational awareness in the cockpit and the command centers. Current MAGTF future force laydown plans shows ACE MAGTF elements will not change in OEF through FY14. A MAGTF ACE will remain deployed in OEF in order to support Special Operating Forces beyond FY14 (current plans through FY16). BFSa is a Combatant Commander requirement for all aircraft operating in OEF. The completed Universal Need Statements (UNS) identifies operational enhancement opportunities and deficiencies in capabilities. BFSa provides battlefield situational awareness and enables command and control which will facilitate ROEs and mitigates fratricide of Blue Forces in OEF. The following requirement documents establish and validate the need for BFSa equipment and system installations: JBC-P CDD and JROC Decision Memorandum 098-08 dated 6 May 2008; USMC Universal Needs Statement # 092418 dated December 2010; USMC Universal Needs Statement # 06153UB dated May 2006; USMC Universal Needs Statement #04138UC dated 12 November 2003. All requirement documents discuss the needs for an in theater (OEF) requirement for two way BFSa capability and requirement to equip USMC aircraft with FBCB2/BFT while exploring an integrated solution for emerging aircraft such as the MV-22, CH-53K, UH-1Y, and AH-1Z).												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (Modification Number - Modification Title): 12 - Blue Force Situational Awareness (OSIP 10-11)				
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Blue Force Situational Awareness (OSIP 10-11)													
A Kits													
Recurring													
1.1.1) BFSa Kit - NonOrganic ⁽¹⁹⁾	14 / 0.938	50 / 1.316	108 / 2.570	10 / 0.466	- / -	10 / 0.466	- / -	- / -	- / -	- / -	- / -	182 / 5.290	
Subtotal Recurring	14 / 0.938	50 / 1.316	108 / 2.570	10 / 0.466	- / -	10 / 0.466	- / -	- / -	- / -	- / -	- / -	182 / 5.290	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / 2.672	- / 1.681	- / 1.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.053	
Subtotal Non-Recurring	- / 2.672	- / 1.681	- / 1.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.053	
B Kits													
Recurring													
2.1.1) BFSa Equip - Organic ⁽²⁰⁾	68 / 2.456	68 / 2.165	113 / 3.077	10 / 0.708	- / -	10 / 0.708	- / -	- / -	- / -	- / -	- / -	259 / 8.406	
Subtotal Recurring	68 / 2.456	68 / 2.165	113 / 3.077	10 / 0.708	- / -	10 / 0.708	- / -	- / -	- / -	- / -	- / -	259 / 8.406	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / 3.202	- / 0.900	- / 2.166	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.268	
Subtotal Non-Recurring	- / 3.202	- / 0.900	- / 2.166	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.268	
Total, Blue Force Situational Awareness (OSIP 10-11)	82 / 9.268	118 / 6.062	221 / 9.513	20 / 1.174	- / -	20 / 1.174	- / -	- / -	- / -	- / -	- / -	441 / 26.017	
Total Procurement, All Modifications	82 / 9.268	118 / 6.062	221 / 9.513	20 / 1.174	- / -	20 / 1.174	- / -	- / -	- / -	- / -	- / -	441 / 26.017	
Support													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / -	- / -	- / 0.554	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.554	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.172	- / 0.450	- / 1.050	- / 0.300	- / -	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / 1.972	
3.6) Other Support	- / 4.660	- / 4.536	- / 6.203	- / 3.267	- / -	- / 3.267	- / -	- / -	- / -	- / -	- / -	- / 18.666	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	4.832	4.986	7.807	3.567	-	3.567	-	-	-	-	-	21.192	
Total Procurement and Support	14.100	11.048	17.320	4.741	-	4.741	-	-	-	-	-	47.209	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - Blue Force Situational Awareness (OSIP 10-11)			
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs:					

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Blue Force Situational Awareness (OSIP 10-11) Installation Cost	- / 0.000	- / 0.419	- / 2.100	- / 3.679	- / -	- / 3.679	- / -	- / -	- / -	- / -	- / -	- / 6.198
<i>Total Installation Cost</i>	- / 0.000	- / 0.419	- / 2.100	- / 3.679	- / -	- / 3.679	- / -	- / -	- / -	- / -	- / -	- / 6.198
Total Cost (Procurement + Support + Installation)	14.100	11.467	19.420	8.420	-	8.420	-	-	-	-	-	53.407

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0577 - Common Avionics Changes								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - Blue Force Situational Awareness (OSIP 10-11)															
Models of Systems Affected: All Aircraft as directed by OPNAV								Type Modification: Common Avionics Modification								Related RDT&E PEs:															
Manufacturer Information: Blue Force Situational Awareness (OSIP 10-11)																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 6														Production Leadtime (<i>in Months</i>): 7																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates		Aug 2012				Mar 2013				Mar 2014																					
Delivery Dates		Dec 2012				Oct 2013				Oct 2014																					
Installation: Blue Force Situational Awareness (OSIP 10-11)														Method of Implementation: Contractor or USN Field Modification Team										Installation Name: BFSa Kit							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	23 / 0.419		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		23 / 0.419						
FY 2012		- / -	- / -		68 / 2.100		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		68 / 2.100						
FY 2013		- / -	- / -		- / -		108 / 3.204		- / -		108 / 3.204		- / -		- / -		- / -		- / -		- / -		- / -		108 / 3.204						
FY 2014		- / -	- / -		- / -		10 / 0.475		- / -		10 / 0.475		- / -		- / -		- / -		- / -		- / -		- / -		10 / 0.475						
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		- / -	23 / 0.419		68 / 2.100		118 / 3.679		- / -		118 / 3.679		- / -		- / -		- / -		- / -		- / -		- / -		209 / 6.198						
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	7	8	8	17	17	17	17	29	29	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209
Out	-	-	7	8	8	17	17	17	17	29	29	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209
Installation: Blue Force Situational Awareness (OSIP 10-11)														Method of Implementation: Organic - BFSa Equip										Installation Quantity: 259							

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 12 - Blue Force Situational Awareness (OSIP 10-11)
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
Footnotes: (19) NOTE 1: Cost per quantity variation is due to variation in platforms, platform quantities, associated equipment per platform, and cost per equipment. ** FY13 were submitted as OCO requests, but moved to baseline ** FY11 the H-53 program office procured (50) A-kits; (41) A-kits bought in FY11 were installed in FY12 by the H-53 program office; (9) A-kits bought in FY11 were installed in FY12 by PMA209. ** FY12 the H-53 program office procured (18) A-kits which were installed by PMA209 in FY13. ** FY11 the KC-130J program office procured (4) A-kits; (4) A-kits bought in FY11 were installed in FY12 by the KC-130J program office. ** FY14 (10) A-kits are bought and also installed in FY14 (Contract Date November 2013 and Delivery Date April 2014). (20) No A-kits or installs associated with Tactical Ops Center B-kits.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (Modification Number - Modification Title): 13 - Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs: 0604215N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	0.760	-	0.760	3.321	19.220	23.210	23.335	94.106	163.952
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	0.760	-	0.760	3.321	19.220	23.210	23.335	94.106	163.952
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	0.760	-	0.760	3.321	19.220	23.210	23.335	94.106	163.952
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Military Flight Operations Quality Assurance (MFOQA) improves safety, readiness and asset conservation by assessing aircrew and aircraft performance; improving maintenance, operations, safety and training across all Naval Aviation platforms as identified and prioritized by Office of the Chief of Naval Operations. Efforts will include site activations, license procurements and procuring hardware, as required, to capture aircraft parametric data and data downloading capability and to allow for the processing & analysis required by the MFOQA program. Efforts will also include hardware & software upgrades to the various Squadrons' ground/work stations to enable MFOQA implementation. The MFOQA program is directed by an Office of the Secretary of Defense mandate October 2005 and a Secretary of the Navy mandate February 06. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Analysis of Alternatives approved September 05; Capability Development Document approved January 06 Milestone B 1st Qtr FY07, Milestone C 1st Qtr FY14, Initial Operational Capability C 1st Qtr FY14 Modifying baseline MFOQA software (90% reuse, 10% tailored to specific platform) for each follow-on platform. Software will be integrated on existing MFOQA servers.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (Modification Number - Modification Title): 13 - Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification					Related RDT&E PEs: 0604215N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)													
B Kits													
Recurring													
2.1.1) MFOQA Installation Equipment - NonOrganic ⁽²¹⁾	- / -	- / -	- / -	35 / 0.026	- / -	35 / 0.026	29 / 0.017	25 / 1.285	6 / 1.220	33 / 1.348	150 / 1.372	278 / 5.268	
Subtotal Recurring	- / -	- / -	- / -	35 / 0.026	- / -	35 / 0.026	29 / 0.017	25 / 1.285	6 / 1.220	33 / 1.348	150 / 1.372	278 / 5.268	
Non-Recurring													
2.2.1) B-Kit Installation Equipment N/R - Organic ⁽²²⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.156	- / 8.001	- / 8.180	- / 32.136	- / 54.473	
Subtotal Non-Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.156	- / 8.001	- / 8.180	- / 32.136	- / 54.473	
Total, Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)	- / -	- / -	- / -	35 / 0.026	- / -	35 / 0.026	29 / 0.017	25 / 7.441	6 / 9.221	33 / 9.528	150 / 33.508	278 / 59.741	
Total Procurement, All Modifications	- / -	- / -	- / -	35 / 0.026	- / -	35 / 0.026	29 / 0.017	25 / 7.441	6 / 9.221	33 / 9.528	150 / 33.508	278 / 59.741	
Support													
3.1) Engineering Change Orders	- / -	- / -	- / -	- / 0.064	- / -	- / 0.064	- / 0.277	- / 1.615	- / 1.945	- / 1.936	- / 7.807	- / 13.644	
3.2) Data	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.028	- / -	- / 0.029	- / 0.029	- / 0.060	- / 0.146	
3.3) ILS ⁽²³⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.251	- / 0.882	- / 1.168	- / 1.188	- / 5.656	- / 9.145	
3.4) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support ⁽²⁴⁾	- / -	- / -	- / -	- / 0.106	- / -	- / 0.106	- / 2.425	- / 8.754	- / 10.511	- / 9.960	- / 44.306	- / 76.062	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	0.170	-	0.170	2.981	11.251	13.653	13.113	57.829	98.997	
Total Procurement and Support	0.000	-	-	0.196	-	0.196	2.998	18.692	22.874	22.641	91.337	158.738	
Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12) Installation Cost	- / 0.000	- / -	- / -	- / 0.564	- / -	- / 0.564	- / 0.323	- / 0.528	- / 0.336	- / 0.694	- / 2.769	- / 5.214	
Total Installation Cost	- / 0.000	- / -	- / -	- / 0.564	- / -	- / 0.564	- / 0.323	- / 0.528	- / 0.336	- / 0.694	- / 2.769	- / 5.214	
Total Cost (Procurement + Support + Installation)	0.000	-	-	0.760	-	0.760	3.321	19.220	23.210	23.335	94.106	163.952	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0577 - Common Avionics Changes										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 13 - Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)											
Models of Systems Affected: All Aircraft as directed by OPNAV										Type Modification: Common Avionics Modification										Related RDT&E PEs: 0604215N											
Manufacturer Information: Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)																															
Manufacturer Name: ManTech													Manufacturer Location: TBD																		
Administrative Leadtime (<i>in Months</i>): 2													Production Leadtime (<i>in Months</i>): 0																		
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Nov 2013				Nov 2014				Nov 2015				Nov 2016				Nov 2017					
Delivery Dates										Nov 2013				Nov 2014				Nov 2015				Nov 2016				Nov 2017					
Installation: Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)										Method of Implementation: Prime Integrator										Installation Name: MFOQA Installation Equipment											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		35 / 0.564		- / -		35 / 0.564		- / -		- / -		- / -		- / -		- / -		35 / 0.564								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		29 / 0.323		- / -		- / -		- / -		- / -		29 / 0.323								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		25 / 0.528		- / -		- / -		- / -		25 / 0.528								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.336		- / -		- / -		6 / 0.336								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		33 / 0.694		- / -		33 / 0.694								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		150 / 2.769		150 / 2.769								
Total		- / -	- / -		- / -		35 / 0.564		- / -		35 / 0.564		29 / 0.323		25 / 0.528		6 / 0.336		33 / 0.694		150 / 2.769		278 / 5.214								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	8	9	9	9	7	7	7	8	6	6	6	7	1	1	2	2	8	8	8	9	150	278
Out	-	-	-	-	-	-	-	-	-	8	9	9	9	7	7	7	8	6	6	6	7	1	1	2	2	8	8	8	9	150	278
Footnotes: ⁽²¹⁾ NOTE 11: B-kits and install cost vary across platforms and site activations. ** Phase 1 production installs begin in FY14 ** Phase 2 production installs begin in FY16																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 13 - Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
(22) Note 12: Phase 1 Fixed Wing development completed in FY14 and Phase 2 Rotary Wing development completed in FY16 which constitutes MFOQA Software (SW) Baseline. Follow on Phase 3 and beyond for all aircraft will be APN-5 due to being a modification of existing SW Baseline. (23) ** Phase 1 production installs begin in FY14 Phase 2 production installs begin in FY16 ** Program transitions from RDT&E to APN-5 in FY16 following completion of development efforts in Phase 1 &2 Phase 3, 4, and 5 funded with APN-5 under FFP contract, requires full funding of tailoring effort at contract award (FY16: Phase 3, FY17: Phase 4, FY18: Phase 5) (24) ** Phase 1 production installs begin in FY14 Phase 2 production installs begin in FY16 ** Program transitions from RDT&E to APN-5 in FY16 following completion of development efforts in Phase 1 &2 Phase 3, 4, and 5 funded with APN-5 under FFP contract, requires full funding of tailoring effort at contract award (FY16: Phase 3, FY17: Phase 4, FY18: Phase 5)		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 14 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	243.220	-	-	-	-	-	-	-	-	-	-	243.220
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	243.220	-	-	-	-	-	-	-	-	-	-	243.220
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	243.220	-	-	-	-	-	-	-	-	-	-	243.220
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 14 - Inactive OSIPs			
Models of Systems Affected: [No Model Specified]				Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Procurement													
N/A													
<i>Total, N/A</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Support													
3.1) Inactive OSIPs	- / 243.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 243.220	
<i>Total Support, All Modifications</i>	243.220	-	-	-	-	-	-	-	-	-	-	243.220	
<i>Total Procurement and Support</i>	243.220	-	-	-	-	-	-	-	-	-	-	243.220	
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	243.220	-	-	-	-	-	-	-	-	-	-	243.220	

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 14 - Inactive OSIPs	
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]			Related RDT&E PEs:	
Manufacturer Information: N/A							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: N/A							
Method of Implementation: Support Only Installation				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System										
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:												
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	64.965	3.300	-	3.554	-	3.554	2.000	3.800	4.200	2.200	14.011	98.030								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	64.965	3.300	-	3.554	-	3.554	2.000	3.800	4.200	2.200	14.011	98.030								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	64.965	3.300	-	3.554	-	3.554	2.000	3.800	4.200	2.200	14.011	98.030								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Common Defensive Weapon System (CDWS) consists of a GAU-21 .50 cal machine gun, common cradle, ammo box, feed/link chutes and either a right-hand or a left-hand Medium Window Pintle Connector and a Defensive Armament System for UH-1Y, and a ramp mounted weapon system for MV-22. The CDWS for UH-1Y and MV-22 is being procured to replace the current WWII era GAU-16/ XM-218 .50 cal machine guns. The GAU-16/XM-218 machine guns can no longer be procured, and the gun depot is experiencing a 29% rejection rate. Based on current usage rates and depot maintenance rejection rates, the inventory of GAU-16/XM-218 guns will be below requirement in 7 years. There will also be a substantial increase in maintenance funding required to sustain the inventory of usable guns. The CDWS will give the Fleet enhanced reliability, safety and increased operational effectiveness. CDWS enhances the warfighters overall capability by providing a safer, more reliable and accurate weapon system with a higher rate of fire. Medium Caliber Guns System modifies hardware to enhance system reliability and safety to support continued Overseas Contingency Operations (OCO) commitments. This requirement will prevent degradation of the gun system enabling the warfighter to accomplish their tasks safely and accurately.																				
Item Schedule		Prior Years		FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total				
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)	P3A				55.629			3.000			-			3.554			-			3.554

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2 - CREW SERVED WEAPONS LASER (OSIP 019-10)	P3A				8.000			-			-			-			-			-
3 - MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)	P3A				0.000			0.300			-			-			-			-
4 - INACTIVE OSIP/DAWDF Realignment	P3A				1.336			-			-			-			-			-
Total Gross/Weapon System Cost					64.965			3.300			-			3.554			-			3.554

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)	P3A				2.000			3.800			4.200			2.200			12.511			86.894
2 - CREW SERVED WEAPONS LASER (OSIP 019-10)	P3A				-			-			-			-			-			8.000
3 - MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)	P3A				-			-			-			-			1.500			1.800
4 - INACTIVE OSIP/DAWDF Realignment	P3A				-			-			-			-			-			1.336
Total Gross/Weapon System Cost					2.000			3.800			4.200			2.200			14.011			98.030

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY 2014 provides funding to procure MV-22 ramp mount systems. FY 2014 funding will procure 46 modified RMWS for the MV-22 aircraft resulting in a \$3.6M increase in funding from FY 2013.

FY 2012 OCO funding procured three modified CDWS MV-22 ramp mounted systems.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)				
Models of Systems Affected: CH-53D/E, UH-1Y, MV-22			Type Modification: MISSION/MISSION ENHANCEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	55.629	3.000	-	3.554	-	3.554	2.000	3.800	4.200	2.200	12.511	86.894
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	55.629	3.000	-	3.554	-	3.554	2.000	3.800	4.200	2.200	12.511	86.894
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	55.629	3.000	-	3.554	-	3.554	2.000	3.800	4.200	2.200	12.511	86.894
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: The Common Defensive Weapon System (CDWS) consists of a GAU-21 .50 cal machine gun, common cradle, ammo box, feed/link chutes and either a right-hand or a left-hand Medium Window Pintle Connector and Defensive Armament System for UH-1Y, and a Ramp Mounted Weapon System (RMWS) for MV-22. The CDWS for the UH-1Y and MV-22 is being procured to replace the current WWII era GAU-16/XM-218 .50 cal machine gun. The GAU-16/XM-218 machine gun can no longer be procured, and the gun depot is experiencing a 29% rejection rate. Based on current usage rates and depot maintenance rejection rates, the inventory of GAU-16/XM-218 guns will be below requirement in 7 years. There will also be a substantial increase in maintenance funding required to sustain the inventory of usable guns. The CDWS will give the Fleet enhanced reliability, safety, and increased operational effectiveness. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The GAU-21 .50 Caliber Machine Gun is a Commercial Off-the-Shelf (COTS) item deployed on Marine Corps assault support aircraft (CH-53 and UH-1Y). In FY 12 the current RMWS is being modified to accommodate the CDWS for MV-22. The Medium Pintle Head and aircraft integration kit base designs are also COTS though kit modifications for each Type/Model/Series aircraft are required. CDWS is also being integrated on United States Navy (USN) platform MH-60R/S through their own budget lines, thus enhancing the common configurations between USN and United States Marine Corps.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System					Modification Nomenclature (Modification Number - Modification Title): 1 - COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)				
Models of Systems Affected: CH-53D/E, UH-1Y, MV-22				Type Modification: MISSION/MISSION ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)													
A Kits													
Recurring													
1.1.2) CH-53D/E - Organic	531 / 26.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	531 / 26.200	
1.1.3) MV-22 - Organic ⁽¹⁾	- / -	3 / 3.000	- / -	46 / 2.994	- / -	46 / 2.994	27 / 1.800	51 / 3.397	58 / 3.780	28 / 1.980	147 / 10.511	360 / 27.462	
1.1.4) UH-1Y - Organic	221 / 17.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 1.700	246 / 18.700	
Subtotal Recurring	752 / 43.200	3 / 3.000	- / -	46 / 2.994	- / -	46 / 2.994	27 / 1.800	51 / 3.397	58 / 3.780	28 / 1.980	172 / 12.211	1,137 / 72.362	
B Kits													
Recurring													
2.1.1) CH-53D/E - Organic	399 / 6.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	399 / 6.000	
Subtotal Recurring	399 / 6.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	399 / 6.000	
Total, COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)	1,151 / 49.200	3 / 3.000	- / -	46 / 2.994	- / -	46 / 2.994	27 / 1.800	51 / 3.397	58 / 3.780	28 / 1.980	172 / 12.211	1,536 / 78.362	
Total Procurement, All Modifications	1,151 / 49.200	3 / 3.000	- / -	46 / 2.994	- / -	46 / 2.994	27 / 1.800	51 / 3.397	58 / 3.780	28 / 1.980	172 / 12.211	1,536 / 78.362	
Support													
3.1) Data	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	
3.2) Support Equipment	- / 1.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.700	
3.3) ILS	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	
3.4) Other Support ⁽²⁾	- / 2.329	- / -	- / -	- / 0.560	- / -	- / 0.560	- / 0.200	- / 0.403	- / 0.420	- / 0.220	- / 0.300	- / 4.432	
3.5) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	6.429	-	-	0.560	-	0.560	0.200	0.403	0.420	0.220	0.300	8.532	
Total Procurement and Support	55.629	3.000	-	3.554	-	3.554	2.000	3.800	4.200	2.200	12.511	86.894	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	55.629	3.000	-	3.554	-	3.554	2.000	3.800	4.200	2.200	12.511	86.894	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)	
Models of Systems Affected: CH-53D/E, UH-1Y, MV-22		Type Modification: MISSION/MISSION ENHANCEMENT			Related RDT&E PEs:		
Manufacturer Information: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Method of Implementation: Organic - CH-53D/E			Installation Quantity: 531				
Installation: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Method of Implementation: Organic - MV-22			Installation Quantity: 360				
Installation: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Method of Implementation: Organic - UH-1Y			Installation Quantity: 246				
Installation: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Method of Implementation: Organic - CH-53D/E			Installation Quantity: 399				
Footnotes: (1) FY 2012 MV-22 funding procured 3 modified Ramp Mounted Weapons System (RMWS) for the MV-22 aircraft. FY 2014 through the FYDP will procure the RMWS for MV-22 aircraft. (2) Procurement of the gun system starts in FY14. First fielding and support requires non recurring investment for Operator/Armorer training, tooling, and onsite support for first install. This along with introducing the systems at USMC major Command elements will be completed using FY14 support dollars. Support cost for the follow on procurements does not require the same level of support. This is reflected in the reduction in FY15-18 support cost in the budget.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CREW SERVED WEAPONS LASER (OSIP 019-10)				
Models of Systems Affected: CH-53D/E, UH-1Y, MV-22, AH-1W/Z			Type Modification: MISSION/MISSION ENHANCEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	8.000	-	-	-	-	-	-	-	-	-	-	8.000
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	8.000	-	-	-	-	-	-	-	-	-	-	8.000
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	8.000	-	-	-	-	-	-	-	-	-	-	8.000
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: Provides laser aiming devices for crew served weapons being used in Operation Iraqi Freedom and Operation Enduring Freedom. There are currently five different types of lasers manufactured by three vendors. This funding will allow the standardization of all Department of Navy Crew Served Weapons lasers through attrition and replacement as assets are expended. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Laser Aiming Devices are Commercial Off The Shelf items already deployed on Marine Corps assault support aircraft (CH-53, and UH-1Y, MV-22, AH-1W/Z). Lasers will support this functionality to improve performance in a night environment while using night vision goggles.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System					Modification Nomenclature (Modification Number - Modification Title): 2 - CREW SERVED WEAPONS LASER (OSIP 019-10)				
Models of Systems Affected: CH-53D/E, UH-1Y, MV-22, AH-1W/Z				Type Modification: MISSION/MISSION ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
N/A													
Total, N/A													
Total Procurement, All Modifications													
Support													
3.1) Training Equipment													
3.2) B Kits- Support Equipment													
3.3) IZLID 200P													
3.4) IZLID 1000PW													
3.5) IZLID 1000PW Power Supply													
3.6) Universal Boresight Kit													
3.7) ILS													
3.8) OTHER SUPPORT													
3.9) ECO													
3.10) Interim Contractor Support													
3.11) Data													
Total Support, All Modifications													
Total Procurement and Support													
Total Installation Cost													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CREW SERVED WEAPONS LASER (OSIP 019-10)	
Models of Systems Affected: CH-53D/E, UH-1Y, MV-22, AH-1W/Z			Type Modification: MISSION/MISSION ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: N/A							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: N/A							
Method of Implementation: Support Only Installation				Installation Quantity: 0			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)				
Models of Systems Affected: AV-8			Type Modification: MISSION/MISSION ENHANCEMENT					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	0.300	-	-	-	-	-	-	-	-	1.500	1.800
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	0.300	-	-	-	-	-	-	-	-	1.500	1.800
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	0.300	-	-	-	-	-	-	-	-	1.500	1.800
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: DESCRIPTION/JUSTIFICATION: Increased usage of medium caliber gun systems in Operation Enduring Freedom has caused significant increases in component failure and reduced reliability and life cycle which was not previously budgeted. This requirement will prevent degradation of the gun system enabling the warfighter to fight safely and accurately. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Medium Caliber Gun Systems are post Full Operational Capability (FOC). M89E1 Feeder is post FOC.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System						Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)			
Models of Systems Affected: AV-8				Type Modification: MISSION/MISSION ENHANCEMENT						Related RDT&E PEs:			
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)													
A Kits													
Recurring													
1.1.1) AV-8 - Organic	- / -	20 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	20 / 1.800	
Subtotal Recurring	- / -	20 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	20 / 1.800	
Total, MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)	- / -	20 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	20 / 1.800	
Total Procurement, All Modifications	- / -	20 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	20 / 1.800	
Support													
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-	
Total Procurement and Support	0.000	0.300	-	-	-	-	-	-	-	-	1.500	1.800	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	0.300	-	-	-	-	-	-	-	-	1.500	1.800	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)	
Models of Systems Affected: AV-8			Type Modification: MISSION/MISSION ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)			Method of Implementation: Organic - AV-8			Installation Quantity: 20	

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - INACTIVE OSIP/DAWDF Realignment			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	1.336	-	-	-	-	-	-	-	-	-	-	1.336
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	1.336	-	-	-	-	-	-	-	-	-	-	1.336
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	1.336	-	-	-	-	-	-	-	-	-	-	1.336
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description:												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - INACTIVE OSIP/DAWDF Realignment				

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
INACTIVE OSIP/DAWDF Realignment												
B Kits												
Non-Recurring												
1.1.1) Inactive OSIP/DAWDF Realignment - Organic	- / 1.336	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.336
<i>Subtotal Non-Recurring</i>	- / 1.336	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.336
<i>Total, INACTIVE OSIP/DAWDF Realignment</i>	- / 1.336	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.336
<i>Total Procurement, All Modifications</i>	- / 1.336	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.336
<i>Total Procurement and Support</i>	1.336	-	-	-	-	-	-	-	-	-	-	1.336
<i>Total Installation Cost</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	1.336	-	-	-	-	-	-	-	-	-	-	1.336

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - INACTIVE OSIP/DAWDF Realignment	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: INACTIVE OSIP/DAWDF Realignment							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: INACTIVE OSIP/DAWDF Realignment			Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0	

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0582 - ID Sys

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	87.442	32.030	39.846	41.800	-	41.800	46.830	55.314	47.166	47.974	48.492	446.894
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	87.442	32.030	39.846	41.800	-	41.800	46.830	55.314	47.166	47.974	48.492	446.894
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	87.442	32.030	39.846	41.800	-	41.800	46.830	55.314	47.166	47.974	48.492	446.894

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

MK XIIA Mode 5 provides improved secure cooperative combat identification via Identification Friend or Foe (IFF). MODE 5 is a product improvement which is designed to be installed through engineering changes to digital MK XII interrogators and transponders including, but not limited to the APX-118/123, UPX-37/41C, APX-111, and APX-119. Mode 5 is designed to be installed in all Navy Type/Model/Series aircraft which are currently Mode 4 IFF capable. Mode 5 is developed in cooperation with North Atlantic Treaty Organization and is governed by STANAG 4193.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Mark XIIA Mode 5 IFF (OSIP 15-03)	P3A				87.442			32.030			39.846			41.800			-			41.800
Total Gross/Weapon System Cost					87.442			32.030			39.846			41.800			-			41.800

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - Mark XIIA Mode 5 IFF (OSIP 15-03)	P3A				46.830			55.314			47.166			47.974			48.492			446.894

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0582 - ID Sys									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost				46.830			55.314			47.166			47.974			48.492			446.894		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0582 - ID Sys				Modification Nomenclature (Modification Number - Modification Title): 1 - Mark XIIA Mode 5 IFF (OSIP 15-03)				
Models of Systems Affected: Various (49 Separate T/ M/S)			Type Modification: Capability Improvement					Related RDT&E PEs: 0604777N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	87.442	32.030	39.846	41.800	-	41.800	46.830	55.314	47.166	47.974	48.492	446.894
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	87.442	32.030	39.846	41.800	-	41.800	46.830	55.314	47.166	47.974	48.492	446.894
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	87.442	32.030	39.846	41.800	-	41.800	46.830	55.314	47.166	47.974	48.492	446.894
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
DESCRIPTION/JUSTIFICATION: MK XIIA Mode 5 provides improved secure cooperative combat identification via Identification Friend or Foe (IFF). Mode 5 upgrades existing Mode 4 IFF equipment, including cryptography, support equipment, and associated hardware and software changes. Mode 5 is designed to be installed through engineering changes to digital MK XII interrogators and transponders including, but not limited to the APX-118/123, UPX-37/41C, APX-111, and APX-119. Mode 5 is designed to be installed in all Navy Type/Model/Series aircraft which are currently Mode 4 IFF capable. Mode 5 is developed in cooperation with North Atlantic Treaty Organization (NATO) and is governed by STANAG 4193. (ORD # 577-06-01).												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: MODE 5 completed a brassboard development in December 1997. Modeling and simulation to demonstrate interoperability was completed in February of 1998 to support NATO STANAG development. Proof of concept flight testing completed in December 1999. A Preliminary Design Review for the proposed Engineering Change Proposal (ECP) to incorporate MODE 5 in the APX-118 was completed in July 2001. Contracts for prototype Cryptographic Module and ECP kit are presently executed. Milestone B was completed in 3QFY03. Operational Assessment completed 2QFY06. Milestone C and Low Rate Initial procurement was approved in July 2006. In March 2007, Joint Requirements Oversight Council Memorandum (JROCM 047-07) endorsed a Mode 5 Joint Initial Operational Capability in FY14 and Joint Full Operational Capability in 2020. A successful IOT&E was held 1QFY12. Full Rate Production was approved 4QFY12.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0582 - ID Sys					Modification Nomenclature (Modification Number - Modification Title): 1 - Mark XIIA Mode 5 IFF (OSIP 15-03)				
Models of Systems Affected: Various (49 Separate T/ M/S)			Type Modification: Capability Improvement					Related RDT&E PEs: 0604777N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Mark XIIA Mode 5 IFF (OSIP 15-03)													
A Kits													
Recurring													
1.1.1) Mode 5 IFF - NonOrganic ⁽¹⁾	6 / 0.046	75 / 0.286	70 / 0.281	67 / 0.266	- / -	67 / 0.266	45 / 0.166	11 / 0.051	53 / 0.259	89 / 0.435	77 / 0.389	493 / 2.179	
Subtotal Recurring	6 / 0.046	75 / 0.286	70 / 0.281	67 / 0.266	- / -	67 / 0.266	45 / 0.166	11 / 0.051	53 / 0.259	89 / 0.435	77 / 0.389	493 / 2.179	
B Kits													
Recurring													
2.1.1) Mode 5 IFF - NonOrganic ⁽²⁾	408 / 18.644	151 / 7.157	211 / 11.695	269 / 16.769	- / -	269 / 16.769	232 / 14.262	243 / 17.185	198 / 15.091	272 / 20.840	280 / 27.950	2,264 / 149.593	
Subtotal Recurring	408 / 18.644	151 / 7.157	211 / 11.695	269 / 16.769	- / -	269 / 16.769	232 / 14.262	243 / 17.185	198 / 15.091	272 / 20.840	280 / 27.950	2,264 / 149.593	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic ⁽³⁾	- / 31.600	- / 13.087	- / 10.618	- / 5.927	- / -	- / 5.927	- / 12.623	- / 15.548	- / 10.800	- / 9.590	- / -	- / 109.793	
Subtotal Non-Recurring	- / 31.600	- / 13.087	- / 10.618	- / 5.927	- / -	- / 5.927	- / 12.623	- / 15.548	- / 10.800	- / 9.590	- / -	- / 109.793	
Total, Mark XIIA Mode 5 IFF (OSIP 15-03)	414 / 50.290	226 / 20.530	281 / 22.594	336 / 22.962	- / -	336 / 22.962	277 / 27.051	254 / 32.784	251 / 26.150	361 / 30.865	357 / 28.339	2,757 / 261.565	
Total Procurement, All Modifications	414 / 50.290	226 / 20.530	281 / 22.594	336 / 22.962	- / -	336 / 22.962	277 / 27.051	254 / 32.784	251 / 26.150	361 / 30.865	357 / 28.339	2,757 / 261.565	
Support													
3.1) Mode 5 IFF Kit ECO ⁽⁴⁾	- / 0.724	- / 0.879	- / 0.873	- / 1.127	- / -	- / 1.127	- / 0.949	- / 1.316	- / 1.108	- / 1.367	- / 1.532	- / 9.875	
3.2) Data ⁽⁵⁾	- / 0.821	- / 0.192	- / 0.279	- / 0.376	- / -	- / 0.376	- / 0.423	- / 0.846	- / 0.562	- / 0.544	- / 0.557	- / 4.600	
3.3) Training Equipment	- / 1.045	- / 0.962	- / 2.333	- / 1.427	- / -	- / 1.427	- / 0.955	- / 1.195	- / 4.038	- / 2.009	- / 0.283	- / 14.247	
3.4) Support Equipment	- / 13.028	- / 2.665	- / 0.626	- / 0.538	- / -	- / 0.538	- / 0.604	- / 0.739	- / 0.623	- / 0.473	- / 0.324	- / 19.620	
3.5) ILS ⁽⁶⁾	- / 3.070	- / 0.763	- / 1.568	- / 1.978	- / -	- / 1.978	- / 2.198	- / 2.538	- / 2.243	- / 2.056	- / 2.105	- / 18.519	
3.6) Other Support ⁽⁷⁾	- / 18.164	- / 5.739	- / 11.101	- / 11.700	- / -	- / 11.700	- / 12.539	- / 13.705	- / 10.760	- / 8.963	- / 11.876	- / 104.547	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	36.852	11.200	16.780	17.146	-	17.146	17.668	20.339	19.334	15.412	16.677	171.408	
Total Procurement and Support	87.142	31.730	39.374	40.108	-	40.108	44.719	53.123	45.484	46.277	45.016	432.973	
Mark XIIA Mode 5 IFF (OSIP 15-03) Installation Cost	- / 0.300	- / 0.300	- / 0.472	- / 1.692	- / -	- / 1.692	- / 2.111	- / 2.191	- / 1.682	- / 1.697	- / 3.476	- / 13.921	
Total Installation Cost	- / 0.300	- / 0.300	- / 0.472	- / 1.692	- / -	- / 1.692	- / 2.111	- / 2.191	- / 1.682	- / 1.697	- / 3.476	- / 13.921	
Total Cost (Procurement + Support + Installation)	87.442	32.030	39.846	41.800	-	41.800	46.830	55.314	47.166	47.974	48.492	446.894	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft					P-1 Line Item Nomenclature: 0582 - ID Sys					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Mark XIIA Mode 5 IFF (OSIP 15-03)																					
Models of Systems Affected: Various (49 Separate T / M/S)					Type Modification: Capability Improvement					Related RDT&E PEs: 0604777N																					
Manufacturer Information: Mark XIIA Mode 5 IFF (OSIP 15-03)																															
Manufacturer Name: BAE						Manufacturer Location: Greenlawn, NY																									
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 12																									
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017																								
Delivery Dates	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018																								
Installation: Mark XIIA Mode 5 IFF (OSIP 15-03)				Method of Implementation: Field Installs kits and Vendor Depot ECP Install				Installation Name: Mark XIIA Mode 5 IFF																							
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	218 / 0.300	196 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	414 / 0.600																			
FY 2012	- / -	- / -	226 / 0.472	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	226 / 0.472																			
FY 2013	- / -	- / -	- / -	281 / 1.692	- / -	281 / 1.692	- / -	- / -	- / -	- / -	- / -	281 / 1.692																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	336 / 2.111	- / -	- / -	- / -	- / -	336 / 2.111																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	277 / 2.191	- / -	- / -	- / -	277 / 2.191																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	254 / 1.682	- / -	- / -	254 / 1.682																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	251 / 1.697	- / -	251 / 1.697																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	361 / 1.748	361 / 1.748																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	357 / 1.728	357 / 1.728																			
Total	218 / 0.300	196 / 0.300	226 / 0.472	281 / 1.692	- / -	281 / 1.692	336 / 2.111	277 / 2.191	254 / 1.682	251 / 1.697	718 / 3.476	2,757 / 13.921																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	218	49	49	49	49	57	57	57	55	69	70	69	73	87	87	87	75	69	69	69	70	66	63	63	62	63	63	62	63	718	2,757
Out	218	49	49	49	49	57	57	57	55	69	70	69	73	87	87	87	75	69	69	69	70	66	63	63	62	63	63	62	63	718	2,757
Footnotes:																															
(1) Mode 5 IFF "A" Kits will be required for installation on the F/A-18C/D, C-130T, C-20, C-40, E-6B, and UC-35 platforms along with the "B" kits. The other platforms will only require "B" kits. A-Kit realignment due to changes in platform schedules. A-Kits are only required for certain platforms. Many of our platforms to date have been upgrades of APX-118s to APX-123s (form, fit replacement in the aircraft).																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0582 - ID Sys	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - Mark XIIA Mode 5 IFF (OSIP 15-03)
Models of Systems Affected: Various (49 Separate T/M/S)	Type Modification: Capability Improvement	Related RDT&E PEs: 0604777N
However, some other platforms (F/A-18C/D and C-130T are two examples) do require A-kit modifications. The A-Kit unit prices vary from platform to platform based on the implementation required to achieve the Mode 5 capability. (2) B-Kit unit cost varies based on equipment procured in a given year. Many of the current procurements have been APX-123 modification kits. Platforms will require either APX-111, APX-119 or APX-123 modification kits. The APX-111 modification kits start to be procured in FY13 though have a ramp in quantities in FY14. (3) B-Kit NRE increases in FY15 and FY16 support aircraft ECPs on C-130T, AV-8B, and various commercial derivatives. Platform ECPs vary in cost as will the B-Kit NRE for specific platform implementation. Additionally, each platform ECPs requires data and other elements which also vary. (4) The support lines in the APN budget increase to address additional software and hardware modifications for new platforms. The program supports additional type/model/series implementations for Mode 5 in FY14. Many of those platforms (C-130, C-20, C-40, E-6B, UC-35) require specific configurations that affect support costs. (5) The support lines in the APN budget increase to address additional software and hardware modifications for new platforms. The program supports additional type/model/series implementations for Mode 5 in FY14. Many of those platforms (C-130, C-20, C-40, E-6B, UC-35) require specific configurations that affect support costs. (6) The support lines in the APN budget increase to address additional software and hardware modifications for new platforms. The program supports additional type/model/series implementations for Mode 5 in FY14. Many of those platforms (C-130, C-20, C-40, E-6B, UC-35) require specific configurations that affect support costs. (7) The support lines in the APN budget increase to address additional software and hardware modifications for new platforms. The program supports additional type/model/series implementations for Mode 5 in FY14. Many of those platforms (C-130, C-20, C-40, E-6B, UC-35) require specific configurations that affect support costs.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0586 - P-8 Series

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:			

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	5.302	9.485	-	9.485	23.168	23.537	24.319	24.718	2,066.382	2,176.911
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	5.302	9.485	-	9.485	23.168	23.537	24.319	24.718	2,066.382	2,176.911
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	5.302	9.485	-	9.485	23.168	23.537	24.319	24.718	2,066.382	2,176.911

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The P-8A is a commercial 737 derivative that provides Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance to support fleet requirements. The P-8A Multi-mission Maritime Aircraft will replace the P-3 aircraft. This line item funds correction of deficiencies, modernization to the P-8 aircraft and the retrofit of future P-8A mission system/avionics as developed under P-8A sequential increment programs. Increment 2 Engineering Change Proposals (ECP) 1 includes Early Multi-Static Active Coherent Capability. Increment 2 ECP 2 includes upgrades to the Automatic Identification System, Full Multi-Static Active Coherent Capability, and Acoustic Processor Tech Refresh. Increment 3 includes upgrades to Integrated Broadcast System, Net-Ready, Net-Enabled Weapon and Rapid Capability Insertion Upgrade. Chief of Naval Operations Project K-0416 program provides a rapid response Anti-Submarine Warfare intelligence collection, analysis, and reporting system program. This is a FY 2013 new start.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	P3A				0.000			-			5.302			9.485			-			9.485
2 - CNO Project K-0416 (OSIP 002-15)	P3A				0.000			-			-			-			-			-
Total Gross/Weapon System Cost					0.000			-			5.302			9.485			-			9.485

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0586 - P-8 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	P3A				21.568			21.937			22.319			22.718			2,066.382			2,169.711	
2 - CNO Project K-0416 (OSIP 002-15)	P3A				1.600			1.600			2.000			2.000			-			7.200	
Total Gross/Weapon System Cost					23.168			23.537			24.319			24.718			2,066.382			2,176.911	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: Starting in FY14, the Increment 2 ECP kit procurement commences for the P-8 platform, along with the necessary support funding. "To Complete" inaccurately reflects the quantity of P-8 modifications for the Spiral 2 Increment 3 Kits as 110. The correct quantity should be 117 with the corresponding funding of \$2,189.146.																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0586 - P-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P-8A Correction of Deficiencies and Modernization (OSIP 026-12)			

Models of Systems Affected: P-8A MMA				Type Modification: Mission Capabilities				Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	5.302	9.485	-	9.485	21.568	21.937	22.319	22.718	2,066.382	2,169.711
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	5.302	9.485	-	9.485	21.568	21.937	22.319	22.718	2,066.382	2,169.711
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	5.302	9.485	-	9.485	21.568	21.937	22.319	22.718	2,066.382	2,169.711
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The P-8A is a commercial 737 derivative that provides Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance to support fleet requirements. The P-8A Multi-mission Maritime Aircraft will replace the P-3 aircraft. This line item funds correction of deficiencies, modernization to the P-8 aircraft and the retrofit of future P-8A mission system/avionics as developed under P-8A sequential increment programs. Increment 2 Engineering Change Proposal (ECP) 1 includes Early Multi-Static Active Coherent Capability. Increment 2 ECP 2 includes upgrades to the Automatic Identification System, Full Multi-Static Active Coherent Capability, and Acoustic Processor Tech Refresh. Increment 3 includes upgrades to Integrated Broadcast System, Net-Ready, Net-Enabled Weapon and Rapid Capability Insertion Upgrade.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The P-8 Baseline program achieved Milestone (MS)-C in FY10. The Increment 3 program is scheduled to achieve MS-C in FY18.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0586 - P-8 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - P-8A Correction of Deficiencies and Modernization (OSIP 026-12)					
Models of Systems Affected: P-8A MMA				Type Modification: Mission Capabilities				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
P-8A Correction of Deficiencies and Modernization (OSIP 026-12)													
A Kits													
Recurring													
1.1.1) Increment 2 ECP 1 Kit - Organic	- / -	- / -	- / -	13 / 2.470	- / -	13 / 2.470	- / -	- / -	- / -	- / -	- / -	13 / 2.470	
1.1.2) Increment 2 ECP 2 Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	15 / 10.500	9 / 6.300	- / -	- / -	- / -	24 / 16.800	
1.1.3) Increment 3 IBS - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 29.540	110 / 29.540	
1.1.4) Increment 3 Net-Ready - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 59.080	110 / 59.080	
1.1.5) Increment 3 Net Enabled Weapon - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 29.540	110 / 29.540	
1.1.6) Increment 3 RCI/ARCH Upgrade - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 1,181.600	110 / 1,181.600	
Subtotal Recurring	- / -	- / -	- / -	13 / 2.470	- / -	13 / 2.470	15 / 10.500	9 / 6.300	- / -	- / -	440 / 1,299.760	477 / 1,319.030	
Non-Recurring													
1.2.1) Installation Kits N/R - Organic	- / -	- / -	- / -	- / 1.554	- / -	- / 1.554	- / 1.988	- / -	- / 12.537	- / 16.030	- / 30.000	- / 62.109	
Subtotal Non-Recurring	- / -	- / -	- / -	- / 1.554	- / -	- / 1.554	- / 1.988	- / -	- / 12.537	- / 16.030	- / 30.000	- / 62.109	
B Kits													
Recurring													
2.1.2) Acoustics Tech Refresh/Insertion - Organic	- / -	- / -	6 / 2.190	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.190	
Subtotal Recurring	- / -	- / -	6 / 2.190	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.190	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / -	- / -	- / 0.415	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.415	
Subtotal Non-Recurring	- / -	- / -	- / 0.415	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.415	
Total, P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	- / -	- / -	6 / 2.605	13 / 4.024	- / -	13 / 4.024	15 / 12.488	9 / 6.300	- / 12.537	- / 16.030	440 / 1,329.760	483 / 1,383.744	
Total Procurement, All Modifications	- / -	- / -	6 / 2.605	13 / 4.024	- / -	13 / 4.024	15 / 12.488	9 / 6.300	- / 12.537	- / 16.030	440 / 1,329.760	483 / 1,383.744	
Support													
3.1) Engineering Change Orders / Correction of Deficiency	- / -	- / -	- / -	- / 1.935	- / -	- / 1.935	- / 1.225	- / 1.225	- / 1.250	- / 1.250	- / 7.500	- / 14.385	
3.2) Data	- / -	- / -	- / -	- / 0.627	- / -	- / 0.627	- / 0.714	- / 0.850	- / 0.850	- / 0.850	- / 21.000	- / 24.891	
3.3) Training Equipment (APTR)	- / -	- / -	5 / 1.750	5 / 1.781	- / -	5 / 1.781	- / -	- / -	- / -	- / -	- / -	10 / 3.531	
3.4) Training Equipment (Increment 2)	- / -	- / -	- / -	- / -	- / -	- / -	29 / 5.050	30 / 4.650	- / -	- / -	- / -	59 / 9.700	
3.5) Training Equipment (Increment 3)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	59 / 21.564	59 / 21.564	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0586 - P-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P-8A Correction of Deficiencies and Modernization (OSIP 026-12)				

Models of Systems Affected: P-8A MMA				Type Modification: Mission Capabilities				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
3.6) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) ILS ⁽¹⁾	- / -	- / -	- / 0.100	- / 0.103	- / -	- / 0.103	- / 0.225	- / 0.630	- / 0.834	- / 0.858	- / 11.800	- / 14.550
3.8) Other Support ⁽²⁾	- / -	- / -	- / 0.547	- / 0.710	- / -	- / 0.710	- / 1.866	- / 2.457	- / 2.948	- / 3.730	- / 154.095	- / 166.353
3.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	2.397	5.156	-	5.156	9.080	9.812	5.882	6.688	215.959	254.974
Total Procurement and Support	0.000	-	5.002	9.180	-	9.180	21.568	16.112	18.419	22.718	1,545.719	1,638.718
P-8A Correction of Deficiencies and Modernization (OSIP 026-12) Installation Cost	- / 0.000	- / -	- / 0.300	- / 0.305	- / -	- / 0.305	- / -	- / 5.825	- / 3.900	- / -	- / 520.663	- / 530.993
Total Installation Cost	- / 0.000	- / -	- / 0.300	- / 0.305	- / -	- / 0.305	- / -	- / 5.825	- / 3.900	- / -	- / 520.663	- / 530.993
Total Cost (Procurement + Support + Installation)	0.000	-	5.302	9.485	-	9.485	21.568	21.937	22.319	22.718	2,066.382	2,169.711

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0586 - P-8 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P-8A Correction of Deficiencies and Modernization (OSIP 026-12)				
Models of Systems Affected: P-8A MMA				Type Modification: Mission Capabilities				Related RDT&E PEs:				
Manufacturer Information: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)												
Manufacturer Name: Boeing - Training Equipment						Manufacturer Location: Seattle, WA						
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 2						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates		Apr 2013	Nov 2013									
Delivery Dates		Jul 2013	Jan 2014									
Manufacturer Name: Boeing - Increment 2 ECP 2						Manufacturer Location: Seattle, WA						
Administrative Leadtime (<i>in Months</i>): 5						Production Leadtime (<i>in Months</i>): 8						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates				Feb 2015	Feb 2016							
Delivery Dates				Oct 2015	Oct 2016							
Manufacturer Name: Boeing - Increment 3						Manufacturer Location: Seattle, WA						
Administrative Leadtime (<i>in Months</i>): 0						Production Leadtime (<i>in Months</i>): 0						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
Contract Dates												
Delivery Dates												
Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)												
Method of Implementation: Contractor Field Mod Team				Installation Name: Increment 2 ECP 2								
	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 4.500	- / -	- / -	- / -	15 / 4.500
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.700	- / -	- / -	9 / 2.700
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft											P-1 Line Item Nomenclature: 0586 - P-8 Series											Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P-8A Correction of Deficiencies and Modernization (OSIP 026-12)													
Models of Systems Affected: P-8A MMA											Type Modification: Mission Capabilities											Related RDT&E PEs:													
Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)											Method of Implementation: Contractor Field Mod Team											Installation Name: Increment 2 ECP 2													
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																						
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																						
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																						
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 4.500	9 / 2.700	- / -	- / -	24 / 7.200																						
Installation Schedule																																			
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018									
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot				
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	4	4	4	4	1	-	-	-	-	-	-	24				
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	4	4	4	4	1	-	-	-	-	-	24				
Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)														Method of Implementation: TBD											Installation Name: Increment 3										
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																						
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																						
All Prior Years		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000																						
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																						
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																						
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																						
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																						
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																						
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																						
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																						
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	440 / 502.180	440 / 502.180																						
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	440 / 502.180	440 / 502.180																						

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Exhibit P-3A, Individual Modification: PB 2014 Navy																						Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0586 - P-8 Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P-8A Correction of Deficiencies and Modernization (OSIP 026-12)											
Models of Systems Affected: P-8A MMA										Type Modification: Mission Capabilities										Related RDT&E PEs:											
Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)										Method of Implementation: TBD										Installation Name: Increment 3											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	440	440
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	440	440
Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)										Method of Implementation: Contractor Field Mod Team										Installation Name: Training Equipment											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	5 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.300																		
FY 2014		- / -	- / -	- / -	5 / 0.305	- / -	5 / 0.305	- / -	- / -	- / -	- / -	- / -	5 / 0.305																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.325	- / -	- / -	- / -	8 / 1.325																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.200	- / -	- / -	7 / 1.200																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	59 / 18.483	59 / 18.483																		
Total		- / -	- / -	5 / 0.300	5 / 0.305	- / -	5 / 0.305	- / -	8 / 1.325	7 / 1.200	- / -	59 / 18.483	84 / 21.613																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	3	2	-	2	2	1	-	-	-	-	-	2	3	3	3	3	1	-	-	-	-	-	59	84
Out	-	-	-	-	-	-	-	-	3	2	-	2	2	1	-	-	-	-	-	2	3	3	3	3	1	-	-	-	-	59	84
Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)										Method of Implementation: Organic - Increment 2 ECP 1 Kit										Installation Quantity: 13											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0586 - P-8 Series	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - P-8A Correction of Deficiencies and Modernization (OSIP 026-12)
Models of Systems Affected: P-8A MMA	Type Modification: Mission Capabilities	Related RDT&E PEs:
Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	Method of Implementation: Organic - Acoustics Tech Refresh/ Insertion	Installation Quantity: 6
Footnotes: (1) Logistics funding profile reflects the stand up of the P-8A retrofit support team. (2) Other Support funding profile reflects the stand up of the P-8A retrofit support team.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0586 - P-8 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CNO Project K-0416 (OSIP 002-15)			
Models of Systems Affected: P-8A MMA			Type Modification: Operational Improvement					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	1.600	1.600	2.000	2.000	-	7.200
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	1.600	1.600	2.000	2.000	-	7.200
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	-	-	-	1.600	1.600	2.000	2.000	-	7.200
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Chief of Naval Operations (CNO) Project K-0416 program provides a rapid response Antisubmarine Warfare intelligence collection, analysis, and reporting system program focused on Operations Plan specific threat submarines, both conventional and nuclear. CNO K-0416 mission is to place high quality calibrated data on tape for subsequent exploitation and analysis. It is essential for submarine prosecution in deep and littoral water conditions in support of the Sea Shield/Sea Power 21 and preparation of the battle space. The program accomplishes this by introducing advanced collection avionics that operate with special calibrated sensors to provide threat target data for tactical, Science and Technology (S&T), and weapon design uses. The Sound Pressure Level Collection Suite that is installed on the P-8 mission kits contain several Weapons Replaceable Assembly's, both fabricated & procured. The Suite includes a 8201 modulation meter, a panasonic toughbook, and a Beartrap Automated Noise and Digital Integrated Test set. CNO K-0416 will calibrate P-8 Platforms, forward sited laboratories, and select forward deployed sites with these collection avionics to provide tactical and S&T Intelligence. Prime performer is the Naval Air Warfare Center (NAWC), Patuxent River. NAWC performs system integration, material acquisition, fabrication, and installation of collection systems. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: The changes identified are minor and do not require approval for full production.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0586 - P-8 Series				Modification Nomenclature (Modification Number - Modification Title): 2 - CNO Project K-0416 (OSIP 002-15)					
Models of Systems Affected: P-8A MMA				Type Modification: Operational Improvement				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
CNO Project K-0416 (OSIP 002-15)													
A Kits													
Recurring													
1.1.1) BT Mission Equipment - Organic	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.200	4 / 0.200	4 / 0.400	4 / 0.400	- / -	16 / 1.200	
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.200	4 / 0.200	4 / 0.400	4 / 0.400	- / -	16 / 1.200	
B Kits													
Recurring													
2.1.1) Active Target Strength C2 - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.200	1 / 0.200	1 / 0.200	- / -	3 / 0.600	
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.200	1 / 0.200	1 / 0.200	- / -	3 / 0.600	
Total, CNO Project K-0416 (OSIP 002-15)	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.200	5 / 0.400	5 / 0.600	5 / 0.600	- / -	19 / 1.800	
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.200	5 / 0.400	5 / 0.600	5 / 0.600	- / -	19 / 1.800	
Support													
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / -	- / 0.800	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Organic Support	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.600	- / 0.400	- / 0.600	- / 0.600	- / -	- / 2.200	
3.7) Interim Contractor Support	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.600	- / 0.600	- / 0.600	- / 0.600	- / -	- / 2.400	
Total Support, All Modifications	0.000	-	-	-	-	-	1.400	1.200	1.400	1.400	-	5.400	
Total Procurement and Support	0.000	-	-	-	-	-	1.600	1.600	2.000	2.000	-	7.200	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	1.600	1.600	2.000	2.000	-	7.200	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0586 - P-8 Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - CNO Project K-0416 (OSIP 002-15)	
Models of Systems Affected: P-8A MMA			Type Modification: Operational Improvement			Related RDT&E PEs:	
Manufacturer Information: CNO Project K-0416 (OSIP 002-15)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: CNO Project K-0416 (OSIP 002-15)			Method of Implementation: Organic - BT Mission Equipment			Installation Quantity: 16	
Installation: CNO Project K-0416 (OSIP 002-15)			Method of Implementation: Organic - Active Target Strength C2			Installation Quantity: 3	

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation			

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0604376M			

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	2.600	0.489	34.127	14.431	-	14.431	15.125	8.001	6.073	6.165	31.185	118.196
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	2.600	0.489	34.127	14.431	-	14.431	15.125	8.001	6.073	6.165	31.185	118.196
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	2.600	0.489	34.127	14.431	-	14.431	15.125	8.001	6.073	6.165	31.185	118.196

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modification efforts for the System of Systems (SOS) that support the Marine Air Ground Task Force Electronic Warfare (MAGTF EW) mission. These SOS are designed to support improved capabilities to address emerging threats and close gaps in MAGTF EW sufficiency and integration in the EW arena. These capabilities are designed for carriage on an expansive variety of organic air and ground MAGTF assets and include: Software Reprogrammable Payload (SRP), Collaborative Electronic Attack (EA)/EW Battle Management, EW Services Architecture (formerly Collaborative On-Line Reconnaissance Provider of Operational Responsive Attack Link (CORPORAL)), and Intrepid Tiger series.

MAGTF EW will support procurement of new technologies and equipment as needed to combat emerging electronic warfare (EW) technologies and systems.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - IRIIDIUM SYSTEMS (OSIP 012-11)	P3A				2.600			-			-			-			-			-
2 - SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)	P3A				0.000			0.489			1.000			1.000			-			1.000

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0604376M									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3 - INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)	P3A				0.000			-			33.127			13.431			-			13.431
Total Gross/Weapon System Cost					2.600			0.489			34.127			14.431			-			14.431

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - IRIIDIUM SYSTEMS (OSIP 012-11)	P3A				-			-			-			-			-			2.600
2 - SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)	P3A				2.100			8.001			6.073			6.165			10.485			35.313
3 - INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)	P3A				13.025			-			-			-			20.700			80.283
Total Gross/Weapon System Cost					15.125			8.001			6.073			6.165			31.185			118.196

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

Technology has evolved the modern battlespace requiring the Marine Corps to consider the Electro-Magnetic Spectrum (EMS) as a warfighting environment that must be fully integrated into the Commander's scheme of maneuver and concept of fires. The growing pervasiveness of this technology requires new concepts regarding the application of Electronic Warfare (EW) by the Marine Air-Ground Task Force (MAGTF) Commander.

Advancements in technology allow airborne and ground based EW assets to collaboratively interact as users of and providers to the EMS. Manned and Unmanned Aircraft Systems (UAS) integrated with radio battalion ground assets provide extended reach SIGINT capability, electronic warfare support, and direct support electronic attack. Electronic Warfare is regarded as one of the six functions of Marine Aviation and a core function of the Radio Battalion. Some cyber operations can be enabled by electronic warfare operations, an example being EW-delivered computer network attacks. EW is military action involving the use of electromagnetic and directed energy to control the electromagnetic spectrum or to attack the enemy. Electronic warfare consists of three divisions: electronic attack, electronic protection, and electronic warfare support.

The Concept of Operations for MAGTF EW facilitates the integration of airborne and ground EW capabilities to provide the MAGTF Commander a coordinated capability to control the EMS at the time and place of his choosing.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - IRIDIUM SYSTEMS (OSIP 012-11)				
Models of Systems Affected: EA-6 SERIES				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs: 0604270N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	2.600	-	-	-	-	-	-	-	-	-	-	2.600
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	2.600	-	-	-	-	-	-	-	-	-	-	2.600
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	2.600	-	-	-	-	-	-	-	-	-	-	2.600
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Efforts include the outfitting of 12 EA-6B aircraft with Internet Relay Chat (IRC). IRC is an essential tool used by the Electronic Warfare Combatant Commander (EWCC) as a means of requesting and coordinating EW support. This upgrade will provide Beyond Line of Sight (BLOS) capability for data and voice communications. Results of this increased capability will include increased situational awareness and will ensure spectral dominance across the battle space. IRC will give users the ability to correlate both on-board and off-board threat information/sensor data and enable coordinated jamming operations. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Project evolved in response to a Marine Corps Universal Urgent Need Statement (UUNS) to address unsatisfied requirements for MATT/IDM connectivity suite. Project provides Internet Relay Chat via SIPRNet chat room and whisper chat in the cockpit of the EA-6B to enable beyond line of site (BLOS) communications with Operations Duty Officers, Combined Air Operations Center (CAOC), and forward controllers. Second and third quarter FY12 includes aircraft installation/integration design, design prototypes for wiring and structures, development of ECP, and initial hardware procurement actions.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation				Modification Nomenclature (Modification Number - Modification Title): 1 - IRIDIUM SYSTEMS (OSIP 012-11)				
Models of Systems Affected: EA-6 SERIES			Type Modification: RELIABILITY / MISSION CAPABILITY					Related RDT&E PEs: 0604270N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
IRIDIUM SYSTEMS (OSIP 012-11)												
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	12 / 0.310	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.310
Subtotal Recurring	12 / 0.310	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.310
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 0.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.560
Subtotal Non-Recurring	- / 0.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.560
Total, IRIDIUM SYSTEMS (OSIP 012-11)	12 / 0.870	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.870
Total Procurement, All Modifications	12 / 0.870	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.870
Support												
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.246
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / 1.484	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.484
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	1.730	-	-	-	-	-	-	-	-	-	-	1.730
Total Procurement and Support	2.600	-	-	-	-	-	-	-	-	-	-	2.600
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	2.600	-	-	-	-	-	-	-	-	-	-	2.600

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - IRIDIUM SYSTEMS (OSIP 012-11)	
Models of Systems Affected: EA-6 SERIES			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs: 0604270N	
Manufacturer Information: IRIDIUM SYSTEMS (OSIP 012-11)							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: IRIDIUM SYSTEMS (OSIP 012-11)							
Method of Implementation: Organic - Installation Equipment				Installation Quantity: 12			

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation				Modification Nomenclature (Modification Number - Modification Title): 2 - SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)				
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY					Related RDT&E PEs: 0604376M				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.489	1.000	1.000	-	1.000	2.100	8.001	6.073	6.165	10.485	35.313
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.489	1.000	1.000	-	1.000	2.100	8.001	6.073	6.165	10.485	35.313
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.489	1.000	1.000	-	1.000	2.100	8.001	6.073	6.165	10.485	35.313
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: Procures Software Reprogrammable Payload (SRP) Spiral 1 and Spiral 2 capability multi-function kits for Marine Corps fixed-wing, rotor-wing, and Unmanned Aerial Vehicle aircraft as directed by Weapons Requirement Branch and Headquarters Marine Corps. Costs include hardware, software production, associated communications gear, and the installation necessary to transition this capability with science and technology onto Marine Air Ground Task Force (MAGTF) platforms. The integration of SRP capability onto MAGTF platforms provides advanced communication and data relay for fleet assets and supports the MAGTF Electronic Warfare system of systems concept for future United States Marine Corps Electronic Surveillance, Electronic Attack, and Electronic Protect performance. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: SRP is a single common spectrum control device that is currently under development by the Naval Research Laboratory. SRP is being developed in support of the Marine Ground Task Force (MAGTF) Electronic Warfare (EW) 2020 vision of a distributed, networked approach to EW that is designed to increase both capability and capacity. SRP is designed to be integrated on multiple MAGTF fixed-wing, rotary-wing and Unmanned Air System aircraft and will provide a flexible and real-time reconfigurable payload that is designed to support multiple simultaneous missions.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation				Modification Nomenclature (Modification Number - Modification Title): 2 - SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)					
Models of Systems Affected: MULTIPLE PLATFORMS				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs: 0604376M					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)													
A Kits													
Recurring													
1.1.1) SRP Kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.000	8 / 0.800	8 / 0.814	8 / 0.824	34 / 3.438	
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.000	8 / 0.800	8 / 0.814	8 / 0.824	34 / 3.438	
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic	- / -	- / 0.489	- / -	- / -	- / -	- / -	- / -	10 / 5.000	8 / 4.000	8 / 4.072	8 / 4.145	34 / 17.706	
Subtotal Recurring	- / -	- / 0.489	- / -	- / -	- / -	- / -	- / -	10 / 5.000	8 / 4.000	8 / 4.072	8 / 4.145	34 / 17.706	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic ⁽¹⁾	- / -	- / -	- / 0.600	- / 0.600	- / -	- / 0.600	- / 1.260	- / 1.507	- / 1.200	- / 1.222	- / 4.255	- / 10.644	
Subtotal Non-Recurring	- / -	- / -	- / 0.600	- / 0.600	- / -	- / 0.600	- / 1.260	- / 1.507	- / 1.200	- / 1.222	- / 4.255	- / 10.644	
Total, SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)	- / -	- / 0.489	- / 0.600	- / 0.600	- / -	- / 0.600	- / 1.260	20 / 7.507	16 / 6.000	16 / 6.108	16 / 9.224	68 / 31.788	
Total Procurement, All Modifications	- / -	- / 0.489	- / 0.600	- / 0.600	- / -	- / 0.600	- / 1.260	20 / 7.507	16 / 6.000	16 / 6.108	16 / 9.224	68 / 31.788	
Support													
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.279	- / 0.019	- / 0.015	- / -	- / 0.313	
3.4) Support Equipment	- / -	- / -	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.210	- / 0.140	- / 0.041	- / 0.042	- / 1.261	- / 1.894	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Other Support	- / -	- / -	- / 0.300	- / 0.300	- / -	- / 0.300	- / 0.630	- / 0.075	- / 0.013	- / -	- / -	- / 1.318	
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	0.400	0.400	-	0.400	0.840	0.494	0.073	0.057	1.261	3.525	
Total Procurement and Support	0.000	0.489	1.000	1.000	-	1.000	2.100	8.001	6.073	6.165	10.485	35.313	
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Cost (Procurement + Support + Installation)	0.000	0.489	1.000	1.000	-	1.000	2.100	8.001	6.073	6.165	10.485	35.313	

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)	
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs: 0604376M	
Manufacturer Information: SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)							
Manufacturer Name: Assurance Technology Corp					Manufacturer Location: Carlisle, MA		
Administrative Leadtime (<i>in Months</i>): 6					Production Leadtime (<i>in Months</i>): 6		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Mar 2012						
Delivery Dates	Sep 2012						
Installation: SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)							
			Method of Implementation: Organic - SRP Kits			Installation Quantity: 34	
Installation: SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)							
			Method of Implementation: Organic - Installation Equipment			Installation Quantity: 34	
Footnotes: ⁽¹⁾ Cost growth in excess of OSD approved inflation indices between FY14 and FY15 is due to additional SRP A and B kits procured.							

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation				Modification Nomenclature (Modification Number - Modification Title): 3 - INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)				
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY					Related RDT&E PEs: 0604376M				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	33.127	13.431	-	13.431	13.025	-	-	-	20.700	80.283
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	33.127	13.431	-	13.431	13.025	-	-	-	20.700	80.283
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	33.127	13.431	-	13.431	13.025	-	-	-	20.700	80.283
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description:												
Effort for Intrepid Tiger (IT) II capability is designed to expand electro-magnetic spectrum control, spectrum management, and Electronic Warfare (EW) effectiveness against current targets and to provide adaptability to counter future targets as they emerge. Key to this capability is network accessibility that includes EW Services Architecture (formerly CORPORAL) derived infrastructure for integration on multiple aviation platforms including any Marine Air Ground Task Force (MAGTF) tactical fixed-wing, rotary-wing, and/or Unmanned Air System platforms.												
The design includes Open Architecture compliant and easily expandable hardware and software. Technique Generator Upgrades: Upgrades will enable new techniques to provide additional capability that counters existing and anticipated threat systems while maintaining an open architecture to allow future counter threat upgrades. Antenna Upgrades: Upgrades will expand transmit and receive frequency coverage to that of current and anticipated threat systems dynamically operating in a broad spectrum. Network and EW Services Upgrade: Will enable a non-co-located operator access to pod functions and information exchanges via radio signals to enhance operational and tactical flexibility. Interface Upgrades: Will enable ground and air based users to configure and monitor pod status, operation and effectiveness. Other Supporting Upgrades: Includes hardware and software components that enable functions of power, cooling, status, control and connectivity as through processors, sensors, radios, RF components and support equipment critical to overall pod and system operation to include techniques, mission planning, operational execution, post-flight analysis and shipping containers.												
This effort previously funded under PE 0204154N BLI 0513 AEA Systems, moved to PE 0206143M BLI 0587 to align effort with Resource Sponsor. FY13 funding was initially requested as OCO, but was transferred to baseline funding during the President's Budget by the Resource Sponsor.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AN/ALQ-231(V)1 Intrepid Tiger II (IT II) EW pod was developed in response to multiple Joint Urgent Operational Needs Statements. The Block 0 pod performs communications jamming and is integrated on the AV-8B Harrier aircraft. IT II Block 0 completed a Quick reaction Assessment in February 2012 and began an Early Operational Capability (EOC) deployment in the 3Q of FY12. On 29 February 2012 IT II Block 1 was approved by Assistant Secretary of Navy, Research, Development and Acquisition as a Rapid Deployment Capability (RDC). The Block 1 pod provides multiple upgrades over the Block 0 variant to include correction of deficiencies, the addition of a survey capability, and integration on a second platform, the F/A-18C/D. The RDC requires that IT II Block 1 transition to a Program of Record in calendar year 2013. Block 1 EOC deployments on both United States Marine Corps AV-8B and F/A-18C/D squadrons is expected to occur in												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 3 - INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)
Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604376M
the 2013 - 2014 timeframe. IT II is designed to be integrated on MAGTF fixed-wing, rotary-wing, and UAS aircraft. IT II is the first deployable hardware and Electronic Warfare Services Architecture in support of the MAGTF EW 2020 vision of a distributed, networked approach to EW that is designed to increase both capability and capacity.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation				Modification Nomenclature (Modification Number - Modification Title): 3 - INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)				
Models of Systems Affected: MULTIPLE PLATFORMS				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs: 0604376M				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)												
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic ⁽²⁾	- / -	- / -	30 / 19.977	16 / 9.430	- / -	16 / 9.430	15 / 9.145	- / -	- / -	- / -	21 / 12.375	82 / 50.927
Subtotal Recurring	- / -	- / -	30 / 19.977	16 / 9.430	- / -	16 / 9.430	15 / 9.145	- / -	- / -	- / -	21 / 12.375	82 / 50.927
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / -	- / -	- / 5.400	- / 2.246	- / -	- / 2.246	- / 2.178	- / -	- / -	- / -	- / 2.948	- / 12.772
Subtotal Non-Recurring	- / -	- / -	- / 5.400	- / 2.246	- / -	- / 2.246	- / 2.178	- / -	- / -	- / -	- / 2.948	- / 12.772
Total, INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)	- / -	- / -	30 / 25.377	16 / 11.676	- / -	16 / 11.676	15 / 11.323	- / -	- / -	- / -	21 / 15.323	82 / 63.699
Total Procurement, All Modifications	- / -	- / -	30 / 25.377	16 / 11.676	- / -	16 / 11.676	15 / 11.323	- / -	- / -	- / -	21 / 15.323	82 / 63.699
Support												
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment ⁽³⁾	- / -	- / -	- / 1.750	- / 1.500	- / -	- / 1.500	- / 1.455	- / -	- / -	- / -	- / 2.000	- / 6.705
3.5) ILS	- / -	- / -	- / 4.500	- / 0.255	- / -	- / 0.255	- / 0.247	- / -	- / -	- / -	- / 1.877	- / 6.879
3.6) Other Support	- / -	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	- / 3.000
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	7.750	1.755	-	1.755	1.702	-	-	-	5.377	16.584
Total Procurement and Support	0.000	-	33.127	13.431	-	13.431	13.025	-	-	-	20.700	80.283
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	-	33.127	13.431	-	13.431	13.025	-	-	-	20.700	80.283

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Exhibit P-3A, Individual Modification: PB 2014 Navy					Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)	
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs: 0604376M	
Manufacturer Information: INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 8				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		May 2013	May 2014				
Delivery Dates		Nov 2013	Nov 2014				
Installation: INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13) Method of Implementation: Organic - Installation Equipment Installation Quantity: 82							
Footnotes: ⁽²⁾ FY13 unit cost higher due to the procurement of equipment to convert eight (8) Block 0 pods to Block 1 configuration. FY14 Baseline unit cost different from OCO unit cost due to differences between V(1) and V(3) pods. ⁽³⁾ Increase in support equipment due to OCO requirements.							

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1:
Modification Of Aircraft

P-1 Line Item Nomenclature:

0588 - MQ-8 Series

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s): 253

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	1.001	-	1.001	1.002	4.855	0.131	-	124.850	131.839
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	1.001	-	1.001	1.002	4.855	0.131	-	124.850	131.839
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	1.001	-	1.001	1.002	4.855	0.131	-	124.850	131.839

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The MQ-8 Vertical Take-Off and Landing Tactical Unmanned Aerial Vehicle (popular name "Fire Scout") provides real-time and non-real-time Intelligence, Surveillance and Reconnaissance data to tactical users without the use of manned aircraft or reliance on limited joint theater or national assets. This line item funds correction of deficiencies, modernization, modification of payloads, mission systems, ship control stations and retrofit of systems/avionics realized as a result of obsolescence and engineering change orders. This is a FY2014 new start that aligns to the MQ-8 Initial Operational Capability and deployment of Rapid Deployment Capability aircraft.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)	P3A				0.000			-			-			1.001			-			1.001
Total Gross/Weapon System Cost					0.000			-			-			1.001			-			1.001

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity:
1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft

P-1 Line Item Nomenclature:
0588 - MQ-8 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

MDAP/MAIS Code(s): 253

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)	P3A				1.002			4.855			0.131			-			124.850			131.839
Total Gross/Weapon System Cost					1.002			4.855			0.131			-			124.850			131.839

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

Support correction of deficiencies found during operational use and deployments, improvements for maintainability and reliability, special payloads, emerging requirements, and concurrency in MQ-8C development and production.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0588 - MQ-8 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)				
Models of Systems Affected: MQ-8B/C			Type Modification: Readiness/Safety/Performance Sustainment					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	1.001	-	1.001	1.002	4.855	0.131	-	124.850	131.839
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	1.001	-	1.001	1.002	4.855	0.131	-	124.850	131.839
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	1.001	-	1.001	1.002	4.855	0.131	-	124.850	131.839
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
This Operational, Safety and Improvement Program (OSIP) will provide capability to operate in hot temperature environments, improve system performance, reliability and maintainability of sensors, avionics and airframe components, and provide broader sensors for Intelligence, Surveillance, & Reconnaissance (ISR) collection for both Navy and urgent operational requirements. Weather mods will be Depot Level, performed at Fleet Readiness Centers (FRCs). These are structural modifications to access panels (vents added), modification of belly panel (depot removal and modification), installation of vent and access door on tailboom, structural modification of inside of sponson to install larger cooling fan. This OSIP will also correct deficiencies resulting from obsolescence and diminishing manufacturing resources. These components include, but are not limited to, the Vehicle Management Computer, Payloads Interface Unit, the Ground Control Station's Real Time Processor, and the Digital Control Processor. This OSIP will also support Payload mods which will be Depot level, performed at FRCs. Structural and wiring modifications for mounting and wiring provisions of additional payloads. Installation of the payloads themselves would be done at the O-level based on mission requirements.												
This OSIP supports MQ-8B and MQ-8C aircraft. Aircraft will be modified in FY14 to support obsolescence/reliability corrections, payloads and hot weather sustainment. Operational Requirements Document: Joint Requirements Oversight Council Memorandum 004-99, Joint Rapid Acquisition Cell Memorandum AF-0002.												
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:												
MQ-8B Initial Operational Capability is FY14. Ongoing MQ-8B deployments have occurred since FY10 to support the ISR Task Force and other Joint Urgent Operational Need and Urgent Operational Need requirements. The first MQ-8C deployment providing Rapid Deployment Capabilities is planned for FY14.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0588 - MQ-8 Series	Modification Nomenclature <i>(Modification Number - Modification Title):</i> 1 - MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)
Models of Systems Affected: MQ-8B/C	Type Modification: Readiness/Safety/Performance Sustainment	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0588 - MQ-8 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)				
Models of Systems Affected: MQ-8B/C				Type Modification: Readiness/Safety/Performance Sustainment				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)												
B Kits												
Recurring												
2.1.1) Installation Equipment - Hot Weather Mods - NonOrganic	- / -	- / -	- / -	5 / 0.480	- / -	5 / 0.480	10 / 0.770	- / -	- / -	- / -	15 / 1.800	30 / 3.050
2.1.2) Installation Equipment - Obsolescence/Reliability - NonOrganic ⁽¹⁾	- / -	- / -	- / -	5 / 0.040	- / -	5 / 0.040	10 / 0.065	15 / 2.855	- / -	- / -	168 / 81.950	198 / 84.910
2.1.3) Installation Equipment - Payloads - Organic	- / -	- / -	- / -	5 / 0.015	- / -	5 / 0.015	5 / 0.015	5 / 0.015	- / -	- / -	168 / 4.100	183 / 4.145
Subtotal Recurring	- / -	- / -	- / -	15 / 0.535	- / -	15 / 0.535	25 / 0.850	20 / 2.870	- / -	- / -	351 / 87.850	411 / 92.105
Non-Recurring												
2.2.1) Installation Equipment - Hot Weather Mods - Organic	- / -	- / -	- / -	- / 0.045	- / -	- / 0.045	- / -	- / -	- / -	- / -	- / -	- / 0.045
2.2.2) Installation Equipment - Obsolescence/Reliability - Organic	- / -	- / -	- / -	- / 0.315	- / -	- / 0.315	- / -	- / 1.670	- / -	- / -	- / 5.250	- / 7.235
2.2.3) Installation Equipment - Payloads - Organic	- / -	- / -	- / -	- / 0.010	- / -	- / 0.010	- / 0.010	- / 0.010	- / -	- / -	- / 1.950	- / 1.980
Subtotal Non-Recurring	- / -	- / -	- / -	- / 0.370	- / -	- / 0.370	- / 0.010	- / 1.680	- / -	- / -	- / 7.200	- / 9.260
Total, MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)	- / -	- / -	- / -	15 / 0.905	- / -	15 / 0.905	25 / 0.860	20 / 4.550	- / -	- / -	351 / 95.050	411 / 101.365
Total Procurement, All Modifications	- / -	- / -	- / -	15 / 0.905	- / -	15 / 0.905	25 / 0.860	20 / 4.550	- / -	- / -	351 / 95.050	411 / 101.365
Support												
3.1) ILS	- / -	- / -	- / -	- / 0.052	- / -	- / 0.052	- / 0.037	- / 0.025	- / -	- / -	- / 8.500	- / 8.614
3.2) Depot	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) ECPs	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.7) Other Support	- / -	- / -	- / -	- / 0.044	- / -	- / 0.044	- / 0.045	- / 0.180	- / -	- / -	- / 9.450	- / 9.719
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	0.096	-	0.096	0.082	0.205	-	-	17.950	18.333

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0588 - MQ-8 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)				
Models of Systems Affected: MQ-8B/C			Type Modification: Readiness/Safety/Performance Sustainment					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement and Support	0.000	-	-	1.001	-	1.001	0.942	4.755	-	-	113.000	119.698
MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.060	- / 0.100	- / 0.131	- / -	- / 11.850	- / 12.141
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.060	- / 0.100	- / 0.131	- / -	- / 11.850	- / 12.141
Total Cost (Procurement + Support + Installation)	0.000	-	-	1.001	-	1.001	1.002	4.855	0.131	-	124.850	131.839

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft								P-1 Line Item Nomenclature: 0588 - MQ-8 Series								Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)															
Models of Systems Affected: MQ-8B/C								Type Modification: Readiness/Safety/Performance Sustainment								Related RDT&E PEs:															
Manufacturer Information: MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)																															
Manufacturer Name: Northrop Grumman Systems Corp														Manufacturer Location: San Diego, CA																	
Administrative Leadtime (<i>in Months</i>): 1														Production Leadtime (<i>in Months</i>): 12																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Nov 2013				Nov 2014				Nov 2015													
Delivery Dates										Nov 2014				Nov 2015				Nov 2016													
Installation: MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)														Method of Implementation: Contractor Field Mod Team										Installation Name: Installation Equipment - Hot Weather Mods							
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		5 / 0.045		- / -		- / -		- / -		- / -		- / -		5 / 0.045						
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		10 / 0.075		- / -		- / -		- / -		- / -		10 / 0.075						
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 1.400		12 / 1.400						
Total		- / -	- / -		- / -		- / -		- / -		- / -		5 / 0.045		10 / 0.075		- / -		- / -		- / -		12 / 1.400		27 / 1.520						
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	5	5	-	-	-	-	-	-	-	-	12	27		
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	2	2	3	3	-	-	-	-	-	-	12	27		

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0588 - MQ-8 Series		Modification Nomenclature (Modification Number - Modification Title): 1 - MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)
Models of Systems Affected: MQ-8B/C		Type Modification: Readiness/Safety/Performance Sustainment		Related RDT&E PEs:

Installation: MQ-8 Correction of Deficiencies and Modernization (OSIP 021-14)				Method of Implementation: Contractor Field Mod Team				Installation Name: Installation Equipment - Obsolescence/Reliability				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.015	- / -	- / -	- / -	- / -	5 / 0.015
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.025	- / -	- / -	- / -	10 / 0.025
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.131	- / -	- / -	15 / 0.131
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	168 / 10.450	168 / 10.450
Total	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.015	10 / 0.025	15 / 0.131	- / -	168 / 10.450	198 / 10.621

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	10	-	-	-	5	5	5	-	-	-	-	-	168	198
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	2	2	3	3	3	4	4	4	-	-	-	-	168	198

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0589 - RQ-7 Series					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements: 0305233N					
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	26.017	-	49.324	26.433	-	26.433	2.596	3.893	3.903	-	-	112.166
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	26.017	-	49.324	26.433	-	26.433	2.596	3.893	3.903	-	-	112.166
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	26.017	-	49.324	26.433	-	26.433	2.596	3.893	3.903	-	-	112.166
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line funds modifications to the RQ-7 Unmanned Air Vehicle (UAV) and associated support systems. The RQ-7B Shadow UAV system provides dedicated Reconnaissance, Surveillance and Target Acquisition, Intelligence, Battle Damage Assessment and Force Protection to the Marine Air-Ground Task Force. The RQ-7B Shadow UAV system provides the Marine Expeditionary Force with critical battlefield intelligence and targeting information in the rapid cycle time required for success at the tactical level. The RQ-7B Shadow UAV system consists of five air vehicles each configured with an Electro-Optical/Infra-Red sensor payload, launcher, ground control stations, attrition engine, vehicle mounted shelters, support equipment, and government furnished equipment which includes: power generation; communications equipment; automated recovery equipment; remote video terminals; vehicle mounted shelters; and high mobility multipurpose wheeled vehicles with trailer(s). Each system is equipped with one maintenance section multifunctional vehicle and is supported by a mobile maintenance facility. The RQ-7B Shadow UAV system has logged over 24,000 flight hours since May 2007. Most hours were flown in support of Operation Iraqi Freedom and Operation Enduring Freedom (OEF) with demand for Intelligence, Surveillance and Reconnaissance services and additional/advanced capabilities trending upward. The RQ-7B Shadow UAV system modifications are procured through the Army on the Army's Shadow Tactical Unmanned Aircraft System contracts and is identical to the Army's system. Every effort is made to ensure that the Marine Corps RQ-7B Shadow configuration matches the Army's such that combat units maintain maximum interoperability, maintainability, and combat effectiveness.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0589 - RQ-7 Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0305233N									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - RQ-7 UAV Retrofits (OSIP 006-11)	P3A				26.017			-			49.324			26.433			-			26.433
Total Gross/Weapon System Cost					26.017			-			49.324			26.433			-			26.433

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - RQ-7 UAV Retrofits (OSIP 006-11)	P3A				2.596			3.893			3.903			-			-			112.166
Total Gross/Weapon System Cost					2.596			3.893			3.903			-			-			112.166

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY 2013 requested funding supports the continuation of the Congressionally mandated Tactical Common Data Link (TCDL) and continues support for P3I, retrofits, and associated equipment for Shadow including, but not limited to, technology insertion upgrades to improve reliability, safety and performance, weaponization, communications, target designation, and other upgrades to be determined based on operational requirements and user needs. FY 2013 funding will procure five TCDL upgrade kits to upgrade deploying RQ-7B Shadow systems to maintain interoperability with Army in OEF.

FY2014 requested funding supports the continuation of the Congressionally mandated TCDL and supports P3I, retrofit, and associated equipment for Shadow, including, but not limited to, technology insertion upgrades to improve reliability, safety and performance, weaponization, communications, target designation, and other upgrades to be determined based on operational requirements and user needs. FY2014 funding will be utilized to procure two TCDL upgrade kits, and incorporation of twenty six Small Mission Computers, at a minimum, to maintain United States Marine Corps RQ-7B Shadow Unmanned Air Systems interoperability with United States Army systems.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0589 - RQ-7 Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - RQ-7 UAV Retrofits (OSIP 006-11)			
Models of Systems Affected: RQ-7B Shadow UAV			Type Modification: Added Capability					Related RDT&E PEs: 0305233N				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	26.017	-	49.324	26.433	-	26.433	2.596	3.893	3.903	-	-	112.166
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	26.017	-	49.324	26.433	-	26.433	2.596	3.893	3.903	-	-	112.166
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	26.017	-	49.324	26.433	-	26.433	2.596	3.893	3.903	-	-	112.166
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The RQ-7B Shadow Unmanned Air Vehicle system modifications are procured through the Army on the Army's Shadow Tactical Unmanned Aircraft System contracts and is identical to the Army's system. Every effort is made to ensure that the Marine Corps RQ-7B Shadow configuration matches the Army's such that combat units maintain maximum interoperability, maintainability, and combat effectiveness. FY 2013 requested funding supports the continuation of the Congressionally mandated Tactical Common Data Link (TCDL) and continues support for P31, retrofits, and associated equipment for Shadow including, but not limited to, technology insertion upgrades to improve reliability, safety and performance, weaponization, communications, target designation, and other upgrades to be determined based on operational requirements and user needs. FY 2013 funding will procure five TCDL upgrade kits to upgrade deploying RQ-7B Shadow systems to maintain interoperability with Army in Operation Enduring Freedom. FY2014 requested funding supports the continuation of the Congressionally mandated TCDL and supports P31, retrofit, and associated equipment for Shadow, including, but not limited to, technology insertion upgrades to improve reliability, safety and performance, weaponization, communications, target designation, and other upgrades to be determined based on operational requirements and user needs. FY2014 funding will be utilized to procure two TCDL upgrade kits, and incorporation of twenty six Small Mission Computers, at a minimum, to maintain United States Marine Corps RQ-7B Shadow Unmanned Air Systems interoperability with United States Army systems. DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONE: Planned Initial Operational Capability is FY 2013												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0589 - RQ-7 Series				Modification Nomenclature (Modification Number - Modification Title): 1 - RQ-7 UAV Retrofits (OSIP 006-11)				
Models of Systems Affected: RQ-7B Shadow UAV			Type Modification: Added Capability					Related RDT&E PEs: 0305233N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
RQ-7 UAV Retrofits (OSIP 006-11)												
B Kits												
Recurring												
2.1.1) P3I Upgrades/Retrofits - NonOrganic ⁽¹⁾	2 / 25.446	- / -	5 / 47.087	28 / 25.276	- / -	28 / 25.276	38 / 2.596	46 / 3.893	46 / 3.903	- / -	- / -	165 / 108.201
Subtotal Recurring	2 / 25.446	- / -	5 / 47.087	28 / 25.276	- / -	28 / 25.276	38 / 2.596	46 / 3.893	46 / 3.903	- / -	- / -	165 / 108.201
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 0.571	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.571
Subtotal Non-Recurring	- / 0.571	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.571
Total, RQ-7 UAV Retrofits (OSIP 006-11)	2 / 26.017	- / -	5 / 47.087	28 / 25.276	- / -	28 / 25.276	38 / 2.596	46 / 3.893	46 / 3.903	- / -	- / -	165 / 108.772
Total Procurement, All Modifications	2 / 26.017	- / -	5 / 47.087	28 / 25.276	- / -	28 / 25.276	38 / 2.596	46 / 3.893	46 / 3.903	- / -	- / -	165 / 108.772
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / -	- / -	- / 2.237	- / 1.157	- / -	- / 1.157	- / -	- / -	- / -	- / -	- / -	- / 3.394
3.7) New Cost Element	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	2.237	1.157	-	1.157	-	-	-	-	-	3.394
Total Procurement and Support	26.017	-	49.324	26.433	-	26.433	2.596	3.893	3.903	-	-	112.166
RQ-7 UAV Retrofits (OSIP 006-11) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	26.017	-	49.324	26.433	-	26.433	2.596	3.893	3.903	-	-	112.166

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																									
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0589 - RQ-7 Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - RQ-7 UAV Retrofits (OSIP 006-11)																								
Models of Systems Affected: RQ-7B Shadow UAV				Type Modification: Added Capability				Related RDT&E PEs: 0305233N																								
Manufacturer Information: RQ-7 UAV Retrofits (OSIP 006-11)																																
Manufacturer Name: AAI ⁽²⁾							Manufacturer Location: Hunt Valley, MD																									
Administrative Leadtime (<i>in Months</i>): 9							Production Leadtime (<i>in Months</i>): 12																									
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																									
Contract Dates		Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017																										
Delivery Dates		Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018																										
Installation: RQ-7 UAV Retrofits (OSIP 006-11)				Method of Implementation: [none specified]				Installation Name: P3I Upgrades/Retrofits																								
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																				
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																				
All Prior Years	- / -	- / -	2 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.000																				
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2013	- / -	- / -	- / -	5 / -	- / -	5 / -	- / -	- / -	- / -	- / -	- / -	5 / -																				
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	28 / -	- / -	- / -	- / -	- / -	28 / -																				
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / -	- / -	- / -	- / -	38 / -																				
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / -	- / -	- / -	46 / -																				
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / -	- / -	46 / -																				
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
Total	- / -	- / -	2 / -	5 / -	- / -	5 / -	28 / -	38 / -	46 / -	46 / -	- / -	165 / -																				
Installation Schedule																																
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4							
In	-	-	-	-	-	2	-	-	-	-	-	-	5	-	-	-	28	-	-	-	38	-	-	-	46	-	-	-	46	-	-	165
Out	-	-	-	-	-	2	-	-	-	-	-	-	5	-	-	-	28	-	-	-	38	-	-	-	46	-	-	-	46	-	-	165
Footnotes: ⁽¹⁾ Notes: 1. FY13 funding will procure 5 TCDL upgrade kits. 2. FY14 funding will procure 2 TCDL upgrade kits and 26 Small Mission Computers. 3. FY15 funding will procure Small Mission Computers 4. FY16 funding will procure Engine Upgrades. 5. Total cost includes installation dollars that are contracted via turn-key. ⁽²⁾ Dollars not shown due to turn-key contract method but quantities shown in the year that they will install.																																

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s): 212												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	615.072	81.196	95.856	160.834	-	160.834	156.970	138.235	160.111	162.934	863.571	2,434.779
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	615.072	81.196	95.856	160.834	-	160.834	156.970	138.235	160.111	162.934	863.571	2,434.779
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	615.072	81.196	95.856	160.834	-	160.834	156.970	138.235	160.111	162.934	863.571	2,434.779
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item funds modifications to the Navy's V-22 aircraft. The V-22 is a tilt rotor, Vertical/Short Takeoff and Landing (V/STOL) aircraft for Joint Service application. The Navy acts as the lead service with support from the United States Air Force (USAF) co-located in the V-22 Program Office. The V-22 Program is designed to provide an aircraft to meet the amphibious/vertical assault needs of the United States Marine Corps, the strike rescue needs of the Navy, and the special operations needs of the USAF and United States Special Operations Command (USSOCOM). The MV-22 variant is replacing the CH-46E in the Marine Corps and will supplement the H-60 in the Navy. The CV-22 variant replaced the MH-53J, and will provide a new capability and augment the MC-130 in the USAF/USSOCOM inventory for special operations infiltration, exfiltration, and resupply missions. The V-22 is capable of flying over 2,100 nautical miles with a single refueling, giving the Services the advantage of a V/STOL aircraft able to rapidly self-deploy to any location in the world. This line item funds modifications in support of the 164 MV-22's in service by end of Fiscal Year(FY) 2012 and will support an additional 62 aircraft to be delivered through FY 2014.

The overall goal of the modifications budgeted in FY 2014 is to maintain commonality, implement structural safety and reliability improvements, and improve capability. These modifications will also improve readiness, increase aircraft availability, and decrease operating costs. FY 2014 focus will be on reducing flight hour costs, and improving Time On Wing, as reflected in the Readiness Operational Safety Improvement Program (OSIP).

Note: FY11 Above Threshold Reprogramming received \$22.39M. \$11.05M for Block A to B Upgrade. \$2.84M for Day Heads Up Display. \$3.7M for Main Landing Gear Fire Suppression. \$4.8M for Traffic Collision Avoidance System.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): 212																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	P3A				615.072			51.641			46.689			97.798			-			97.798
2 - MV-22 Readiness (OSIP 028-12)	P3A				0.000			29.555			49.167			63.036			-			63.036
Total Gross/Weapon System Cost					615.072			81.196			95.856			160.834			-			160.834

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	P3A				71.486			50.971			46.340			66.572			110.975			1,157.544
2 - MV-22 Readiness (OSIP 028-12)	P3A				85.484			87.264			113.771			96.362			752.596			1,277.235
Total Gross/Weapon System Cost					156.970			138.235			160.111			162.934			863.571			2,434.779

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

MV-22 Correction of Deficiencies provides near and long term improvements to the fleet, focusing on documented deficiencies related to safety, maintainability, and aircraft systems. These modifications and selected component changes are being accomplished by field retrofit. In order to meet emerging deficiencies the airframe and integrated systems must be modified as critical corrections/changes are identified. Funds will be used to manage, prepare, process and incorporate Engineering Change Proposals (ECP) and implement those changes to sustain and improve MV-22 system operations. ECPs are implemented to coincide with resources and aircraft availability. These changes provide more robust performance in navigation, weapons, avionics, survivability, maneuverability, maintainability, and mission deployment of the MV-22 platform. This modification program may be required to provide timely remedial action for any aircraft system, component or structure. In FY12, ECPs addressing readiness degraders impacting MV-22 reliability, maintainability, availability, and cost per flight hour were captured under OSIP 28-12.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey				Modification Nomenclature (Modification Number - Modification Title): 1 - MV-22 Correction of Defiencies and Pre Block A Through C (OSIP 022-01)				
Models of Systems Affected: V-22 Series			Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability					Related RDT&E PEs: 0604262N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	615.072	51.641	46.689	97.798	-	97.798	71.486	50.971	46.340	66.572	110.975	1,157.544
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	615.072	51.641	46.689	97.798	-	97.798	71.486	50.971	46.340	66.572	110.975	1,157.544
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	615.072	51.641	46.689	97.798	-	97.798	71.486	50.971	46.340	66.572	110.975	1,157.544
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description:												
MV-22 Correction of Deficiencies provides near and long term improvements to the fleet, focusing on documented deficiencies related to safety, maintainability, and aircraft systems. These modifications and selected component changes are being accomplished by field retrofit. In order to meet emerging deficiencies the airframe and integrated systems must be modified as critical corrections/changes are identified. Funds will be used to manage, prepare, process and incorporate Engineering Change Proposals (ECP) and implement those changes to sustain and improve MV-22 system operations. ECPs are implemented to coincide with resources and aircraft availability. These changes provide more robust performance in navigation, weapons, avionics, survivability, maneuverability, maintainability, and mission deployment of the MV-22 platform. This modification program may be required to provide timely remedial action for any aircraft system, component or structure. Starting in FY12, ECPs addressing readiness degraders impacting MV-22 reliability, maintainability, availability, and cost per flight hour are captured under Operational Safety Improvement Program (OSIP) 28-12.												
Current/Active ECPs:												
ECP-344: REGULATED CONVERTER: Incorporates fixes to alleviate concerns associated with spec compliance and eliminate nuisance failures for fleet aircraft.												
SHAFT DRIVEN COMPRESSOR SCREEN: Incorporates a new shaft drive compressor screen with one piece inner and outer frames to reduce the number of parts and larger holes to increase air flow.												
RAMP ACTUATOR: Incorporates fixes for reliability and life limit deficiencies. There are two ramp actuators per aircraft.												
CARGO RESTRAINT SYSTEM: Changes the cargo restraint factors from a dynamic to a static tie down system to improve Fleet suitability.												
FUEL ISOLATION TUBES: Incorporates the productionized final design for resistive tubes on hoses for lightning strike protection.												
AVIONICS: Avionics modifications to the V-22 will improve display reliability, eliminate communication security issues and alleviate parts obsolescence/vendor problems. Changes to the V-22 avionics will include: Display System upgrade, Cockpit Inter Communication System modification, upgraded Mission Computer, updated Data Transfer Module, Control Display Unit/Engine Instrument Caution Advisory System upgrade, Control Display Unit Keyboard upgrade, and Avionics Interface Units upgrades. As well as Mission System Upgrade and Midwing Processing Unit obsolescence replacement.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
POWER TRANSMISSION AND CONTROL: Changes to the V-22 Power Transmission and Control System will improve reliability and maintainability. Changes to the V-22 Power Transmission and Control System will include: swashplate reliability upgrades, engine gimbal ring/spherical bearing installation revision, updated refuel/defuel valve, bull gear shroud and engine gimbal ring. COCKPIT: Changes to the V-22 cockpit will improve crew safety, mission suitability and overall reliability. Changes to the V-22 cockpit include: night vision goggle compatible hardware, upgraded inertial reels, upgraded pilot and co-pilot restraint system, throttle control lever soft stop modification, and improved rain removal. STRUCTURAL: Structural changes to the V-22 will increase survivability, improve maintainability and aircraft availability, eliminate component interferences, improve suitability and correct safety related issues. Structural changes include: forward sponson fuel bladder access redesign/install powder panels, environmental control unit Ram air barrier filter, avionics left hand mounting tray, aft upper door strut, add manual drive decal, fold blades in high winds and modified trunnion fitting. PRODUCTION ROTOR LIGHTING PROTECTION: Improves rotor system lighting protection by adding improved bonding harness and grounding strap bracket. BRACKET HYDRAULIC LINE CLAMPING: Relocate clamping provisions from the removable conversion actuator fairing to the frame and improve the tube installation. SWASHPLATE DRAG TUBE: Redesign Swashplate Drag Tube to increase part life. WASHER: Washer to now be included with attach hardware to ensure adequate tying of the assembly. RELIABILITY & MAINTAINABILITY FIXES: Includes Corrective Action Plans to make the aircraft compliant with Operation Requirements Document requirements. ECP-397: FULL FIDELITY SIMULATOR (FFS) UPGRADES: Improves training and pilot proficiency by incorporating modifications to the FFS #1 & #2 to reflect most current aircraft configuration as directed by Blue Ribbon Panel. ECP-TBD: FLIGHT TRAINING DEVICE (FTD) UPGRADES: Improves training and pilot proficiency by incorporating modifications to the FTD #1 to reflect most current aircraft configuration as directed by Blue Ribbon Panel. ECP-427R1: MECHANICAL PART TASK TRAINER: Improves maintainer and aircrew proficiency by incorporating Block 'A' configuration changes. ECP-451: INTERACTIVE MULTIMEDIA INSTRUCTION: Improves maintainer and aircrew proficiency by incorporating Block 'A' configuration changes. ECP-511: AIRFRAME PART TASK TRAINER, Incorporate Block 'B' configuration changes. ECP-TBD: Block B safety configuration changes required to meet mission requirements. Changes are associated with the aircraft Propulsion/Drive, Electrical, Avionics, Hydraulics, and Structure/Airframe. ECP-TBD: Block B safety, reliability and maintainability changes required to meet mission requirements. Changes are associated with the aircraft Propulsion/Drive, Electrical, Avionics, Hydraulics, and Structure/Airframe. ECP-559: AIRCRAFT MAINTENANCE TRAINER (AMT): AMT #2, Improves training and pilot proficiency by incorporating modifications to the AMT #2 to reflect most current Block A and Block B aircraft configuration. ECP-573: Nose Landing Gear (NLG) Shock Struts, Nose Landing Gear shock struts are a life limited part, redesigned struts will eliminate safety of flight issue. ECP-568R1: Swashplate Actuator Hose, Redesign Hose end fittings of the swashplate Actuator ports by adding tabs so hoses can be oriented one way. ECP-716: Infra-Red Suppressor Redesign, Provide a more reliable configuration to items that have contributed to poor system reliability and identify a repair kit for the aircraft Infra-Red Suppressor system. ECP-783: Cabin Upper Crew Door, Provides redesign to the cabin upper crew door and the proper use of the new door. ECP-761: Engine Air Particle Separator (EAPS), Provides a more efficient and reliable system by incorporating an upgraded EAPS Blower case drain hose, an upgraded EAPS Blower outlet hose, and the elimination of restrictors in the case drain circuit. ECP-515: Improved Nacelle Blower, Provides a change to correct current nacelle blower bearing failures. ECP-685: Incorporation of Miscellaneous ECPs, Implements the following ECPs on Lot 4 aircraft: 2nd source Refuel/Defuel Valve, Block B Cargo Door Actuator Redesign and Cargo Tie Down. ECP-649: O2N2 Concentrator, Modifies the O2N2 Concentrator to eliminate false failures at low end of tolerance band for input air pressure. ECP-721: Ramp Mounted Weapon System (RMWS), Provide an all quadrant Defensive Weapon System for the V-22. ECP-772: Forward Looking Infrared (FLIR) Firmware Improvements, Provides the FLIR System Electronics Unit Video Signal Processor firmware version 2.38. ECP-825: Nacelle Clamshell Door Hinge Halves: The Nacelle Clamshell doors utilize aluminum hinge halves have been found to be cracked/fretted. Steel hinge halves are to replace the aluminum hinge halves. Overseas Contingency Operations (OCO) ECP-844: Interim Defense Weapon System (IDWS): Provides responsive and suppressive fire with its maximum sustained rate of fire to provide maximum protection from threats in the vicinity of the landing zone. ECP-803: AMT #3, Improves training and pilot proficiency by incorporating modifications to the AMT #3 to reflect most current Block A and Block B aircraft configuration.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
ECP-860: K-Voice and Data Recorder replaces the Government Furnished Equipment Flight Incident Recorder due to obsolescence issues and diminishing manufacturing sources for parts. ECP-865 Rapid Ground Refueling provides two new utility outlets, to be used to power the pump package. ECP-869: Nose Landing Gear Improvements in 3 major areas of the nose landing gear mechanisms are proposed, these include: Increase Mechanism Spring Moments, Reducing Torque Tube Pivot Friction and Revising the Mechanism Stops to improve reliability and rigging. ECP-871: Swashplate to correct problems with loss of torque and overheating in the swashplate. ECP TBD: Ice Protection Provides new heater blankets without the associated fairings as a stand alone number to lessen the damage to the fairings associated with blades OCO 08: Defensive Weapon System (DWS): The Block B Concurrent Product Definition (CPD) requires V22 aircraft have a mission configurable, crew-served, Night Vision Device compatible DWS. This funding will field the retrofit of an interim solution RMWS to support OCO until the forward fit becomes effective starting in lot 11. OCO 08: Ice Protection: Central De-ice Distributor/Master Ice Protection Control Unit/Nacelle Ice Protection Control Unit Block B CPD states the V22 is required to be able to operate in moderate icing conditions without adaptive kits. Funding will field kits and installation of the ice protection systems in 3 aircraft. This modification is necessary to ensure that training squadrons have the icing system functionality to support training requirements for squadron deployment in support of OCO. ECP-TBD: Cargo Winch System Redesign ECP-TBD: Slim Multifunction Display (MFD) or flight displays in cockpit, thirty lb. weight savings, less cooling and power requirements, significant obsolescence avoided, greater pilot display capabilities. ECP-888: Inlet Guide Vane & Upstream Regulation provides for proper engine air and Hydraulic System 3 flow to operate the EAPS Scavenge Blowers. This will eliminate blower overspeeds and hydraulic system pressure spikes that have led to hydraulic system fires. It will also provide greater EAPS system availability and scavenge flow resulting in improved engine time-on-wing and blower reliability. Blue Force Tracker (BFT) II Block C Retrofit Kits Provides capability to communicate via established BFT network; providing aircraft current position and status to network subscribers (Joint Force Members) and to view other subscribers position and current status on graphic display. Incorporation will reduce fratricide risk and improve operational coordination. OCO BFT II Block B Retrofit Kits Provides capability to communicate via established BFT network; providing aircraft current position and status to network subscribers (Joint Force Members) and to view other subscribers position and current status on graphic display. Incorporation will reduce fratricide risk and improve operational coordination OCO 12: Capability improvements to IDWS. Employment of IDWS has resulted in identification of necessary modifications to improve effectiveness, lethality, and interoperability of the system. This modification provides necessary capability improvements identified during operational use. ECP-TBD: Joint Allied Threat Awareness System (JATAS) will replace the existing Missile Warning System on MV-22, upgrading the Sensors from Ultra-Violet only detection, and including Laser Warning and Hostile Fire Indication. Day Heads Up Display - improves ability to land safely in environments where visibility is reduced. Enhanced Crash Survivable Memory Unit - to protect aircraft flight information, a crash-survivable recorder capable of recording a/c parametrics and audio. Cabin Situational Awareness Device (CSAD)- improve situational awareness and enable the capability to send an analog video signal from the CSAD to Blue Force Tracker. Main Landing Gear Fire Suppression - increase the survivability by reducing the landing gear bay vulnerability by making that area more tolerant of battle damage, specifically fires. Data Transfer System (DTS): Replacement for the current data transfer unit (ASQ-215) system which is obsolete. The DTS is being developed to facilitate legacy as well as future aircraft data processing and transfer. Enhanced Crash Survivable Memory Unit (Cockpit Voice Recorder): To protect aircraft flight information and facilitate post-mishap investigations, a crash-survivable recorder capable of recording a/c parametric data and aircrew voice communications. Back Up Hydraulic Power Drive Unit (BUHPDU): Change proposed to reduce/eliminate occurrences of fouling condition due to left hand conversion actuator BUHPDU hydraulic hose. FUTURE ECPs: PRE BLOCK A, BLOCK A, BLOCK B, and BLOCK C: Major configuration changes are associated with the aircraft Propulsion/Drive, Electrical, Avionics, Hydraulics, Structure/Airframe, Fuel, Software, and Environmental Control System. Specifically included are Nacelle changes, Avionics, Blade Fold Harness, Fuel Probe, Active Vibration Suppression System, Constant Frequency Generator and Variable Frequency Generator. Additional configuration changes include Effectiveness and Suitability and Enhanced Capability. ECPs for Reliability & Maintainability changes, Ice Protection and Clam Shell Doors) are configuration items associated with production Block A, Block B, and Block C changes. Aircraft Retrofits are implemented to coincide with resources and aircraft availability, stand-alone retrofit ECPs are generated. These Retrofit ECPs are the implementation of the approved production Block Configuration changes.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
ECP: AMT #4, Improves training and pilot proficiency by incorporating modifications to the AMT #4 to reflect most current Block A and Block B aircraft configuration. ECP: FFS UPGRADES: Improves training and pilot proficiency by incorporating modifications to the FFS #1-4 to reflect most current aircraft configuration as directed by Blue Ribbon Panel. ECP: FTD UPGRADES: Improves training and pilot proficiency by incorporating modifications to the FTD #1-14 to reflect most current aircraft configuration as directed by Blue Ribbon Panel. ARCHIVED ECPs: ECP-746: Air Cycle Machine Filtration, Modifies the bearing cooling flow path and adds a barrier filter. ECP-741: Fuel System Changes, Provides redesigned Rupture Disks and Sponson Boost Pumps to decrease fatigue failure and eliminate potential fuel run back. ECP-681R1: Aerojet Fire Suppressors Revision, Provides redesigned mounting hardware for fire suppressor cannisters to reduce potential for galling threads during installation. ECP-782: Ammunition Lethality Enhancement (ALE)-47 Forward Firing Bucket, Provides for the ALE-47 Dispenser with Cabin Dispense Switch. Modifications will increase survivability of aircraft operating in Global War on Terrorism Environment. SUPPLEMENTAL. ECP-557: Additional Force & Drive Rate for Thrust Control Lever, Provides an increased maximum drive rate to meet current design specification requirements. ECP-857: Active Vibration Suppression System (AVSS) Mount Plate The original AVSS mounting plate has failed due to high-cycle fatigue on two Aircraft (A/C). This change will prevent fatigue of the AVSS plate. Critical Action Request Expedite V-22-352 has been written to deactivate the system for the effective A/C. This change will enable reactivation of the AVSS system and thereby reduce pilot fatigue issues. ECP-751: Blade Deice Distributor (BDD) Chassis Redesign, Provides upgraded BDD and mounting bracket to alleviate fretting and cracking associated with original BDD. ECP-744: Cargo nets and pulleys mission kits: to correct deficiencies. ECP-510: Climb Dive Valve, provides for redesign of the valve to decrease cracking pressure to 1.0-1.5ps. ECP-845: EAPS Blower Bearing Shaft incorporates the improved material composition of the EAPS blower shaft and durability of the blower bearing to reduce wear and failure of components. ECP-763: NLG Door Mechanism Improvements, Provides modified bellcrank stop and clamp-up bushings to prevent damage to NLG doors. ECP-895: InterConnecting Drive Shaft changes hardware material from Titanium to Cres. ECP-505: Electronic Control Unit Water Spray Redesign, redesigned the water spray inlet assembly (U-tube) and the heat exchanger crossover tube assembly so the system tolerance can be increased to sand and dust ingestion. ECP-806: Electromagnetic Interference Hardened Proximity Sensors, revealed bladefold proximity sensor is susceptible to certain frequencies. Blade folding resulted in repeated shear pin failures (at B band frequency). Blade folding resulted in proximity sensor toggling between far/near indications (at C band frequency). ECP-621: Full Authority Digital Electronic Control (FADEC), Provides modification of the FADEC mount brackets to allow proper seating of FADEC into mounting bracket. ECP-647: Landing Gear Isolation Valve, Provides a new Landing Gear Isolation Valve to eliminate single failures in the normal control system which can cause retraction or extension in flight at unsafe airspeed. ECP-471: Life Raft, designed for 20-man raft with overflow capacity to 30-man. ECP-695R2: Improved Troop Seats, Provides for the redesign of the seat and the supporting airframe seat mount points. ECP-684: Ice Protection System and Fairings, provides automatic anti-ice protection in aircraft icing conditions. ECP-513R1: Forward Engine Air Bleed, Redesigned Air tube will improve reliability and increase aircraft safety. ECP-539: Plugs & Covers, Redesigned plugs and covers to meet durability and operational suitability. ECP-613: Purge Check Valve Cracking Pressure Change, Provides a modified purge valve to increase the cracking pressure range. ECP-478: Signal Data Converter (SDC) Duct Leak Switch Set Point, Reliability change to SDC duct leak switches to reduce false alarm pilot nuisance alarms. ECP-722: Shaft Driven Compressor Inlet Barrier Filter, provides an inlet barrier filter to prevent particles from reaching and damaging the Shaft Driven Compressor. ECP: Retractable Refueling Probes, Provides Retractable Refueling Probe installation kits for 4 retrofit aircraft. ECP-479: Suction Lift Pump Bypass Valve, Redesigned valve to prevent the diaphragm inverting due to pressure spike. ECP: Troop Commander Situational Awareness provides independent communication, flight progress and Global Positioning System (GPS) updates to embarked troops. ECP-565: Rotor Harness Redesign, Change the moldings area, extending them to the clamp locations on each side of the strap and squaring off the molded area.		

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Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
ECP-591: Rotor Harness Redesign, prevent deformation of the harness, the change will extend molded areas of the harness to the clamp locations on each side of the strap and other corrections to eliminate water intrusion. ECP-717: Tilt Axis Gear Box Mounting Hardware Change, Provides upgraded hardware for mounting in the tilt axis gear box. ECP-400: AIRCRAFT MAINTENANCE TRAINER (AMT): Improves training and pilot proficiency by incorporating modifications to the AMT #1 to reflect most current aircraft configuration as directed by Blue Ribbon Panel. OCO: 5-Way Coupled Hover Switch will provide aircrew the ability to quickly and safely engage coupled hover when encountering severe visibility conditions during the terminal phase of approach to landing. OCO Readiness Coanda: Coanda Deflector Tubes Cost Reduction Initiative to change the angle of exhaust deflector tubes to better deflect the exhaust away from the aircraft. OCO 08: Air Cycle Machine Modification: Funding will provide 44 Block B aircraft with the improved Air Cycle Machine modification. This modification provides needed design changes to combat erosion due to elevated levels of snad and dust in environments encountered while supporting OCO. OCO 08: GPS Repeater for Troop Commander Block B: Provides procurement and installation of GPS Repeater for the embarked assault units for Block B aircraft. This modification provides embarked troops the ability to update thier GPS location data while still in the aircraft, precluding hazardous delays in the zone while waiting for the GPS update. ECP-493: Wheel & Brake, Redesign to improve reliability on the wheel, brake and components. ECP-470: Lateral Mass Balance, design change that will increase lateral mass balance by 9 lbs and add new pads, tungsten plates and bellcrank. ECP-TBD: Gen 5 Radio addresses obsolescence non-availability of previous Airborne Radio Communication (ARC)-210 radio with current version of ARC-210 radio. New radio version maintains physical mounting and incorporates next generation cryptographic security capability to maintain compatibility with current networks and address next generation Satellite Communication network compatibility. ECP-917: Nacelle Door Hook Latch puts a heavier latch on the Nacelle Door to ensure it stays closed during flight. ECP-693: Fuel Surge Valve: Provides a regulator in the V-22 refueling system to limit the surge pressures associated with aerial refueling. ECP-544: Slip Ring Commonality, Provides a revised routing of the power feeder lines in the right and left hand Engine Nacelles. ECP-TBD: Refuel/Defuel Valve, redesign of the refuel/defuel valve. ECP-775: ClamShell Doors: To incorporate two inspection/maintenance clam shell doors and their supporting substructure. ECP-592: Wing Stow System, Incorporate hydraulic system isolation valve normally closed to inhibit Wing Stow System Forward 2 Lock Pin actuator from extending when performing wing maintenance. OCO 08: Force XXI Battle Command, Brigade-and-Below Compliant Blue Force Tracker (BFT) with moving map: funding provides 44 off-shelf Blue Force Tracker systems for the MV-22 to retrofit the Block B aircraft deploying in support of OCO. Note: FY12 IDWS (Cost Element 1.1.48) OCO funding provided to modify the 32 existing IDWS kits. No additional kits were procured. FY14 New Starts include: Data Transfer System, JATAS and Ramp Mounted Weapon System.		

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Models of Systems Affected: V-22 Series			Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability				Related RDT&E PEs: 0604262N						
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)													
A Kits													
Recurring													
1.1.1) Back Up Hydraulic Power Drive Unit - Organic	- / -	190 / 0.247	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	190 / 0.247	
1.1.3) BFT II Block C - Organic	- / -	- / -	8 / 0.630	13 / 1.041	- / -	13 / 1.041	- / -	- / -	- / -	- / -	- / -	21 / 1.671	
1.1.4) Block A to B - NonOrganic ⁽¹⁾	12 / 62.229	2 / 10.145	3 / 15.400	4 / 21.812	- / -	4 / 21.812	4 / 22.175	2 / 10.906	- / -	- / -	- / -	27 / 142.667	
1.1.5) Block A to B GFE - Organic	15 / 2.069	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 2.069	
1.1.6) Cargo Winch System Redesign - NonOrganic	- / -	- / -	14 / 1.274	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 1.274	
1.1.8) Data Transfer System - Organic	- / -	- / -	- / -	145 / 11.455	- / -	145 / 11.455	55 / 4.345	25 / 1.975	- / -	- / -	- / -	225 / 17.775	
1.1.9) Day Heads Up Display - Organic	144 / 2.840	190 / 1.748	- / -	101 / 2.874	- / -	101 / 2.874	- / -	- / -	- / -	- / -	- / -	435 / 7.462	
1.1.11) Engine Air Particle Separator - NonOrganic	70 / 8.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 8.000	
1.1.13) Enhanced Crash Survivable Memory Unit (Cockpit Voice Recorder) - NonOrganic	- / -	- / -	32 / 2.800	48 / 1.056	- / -	48 / 1.056	48 / 1.056	48 / 1.056	48 / 1.056	42 / 0.924	- / -	266 / 7.948	
1.1.15) FLIR Firmware Improvements - Organic	26 / 2.445	3 / 0.330	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 2.775	
1.1.16) Gen 5 Radio ARC 210 - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.064	60 / 0.388	- / -	- / -	70 / 0.452	
1.1.17) Ice Protection Blk B Heater Blades - Organic	143 / 20.898	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	143 / 20.898	
1.1.18) IGV & Hyd Flow Reg - NonOrganic	150 / 1.553	36 / 0.453	- / -	3 / 0.036	- / -	3 / 0.036	- / -	- / -	- / -	- / -	- / -	189 / 2.042	
1.1.19) Incorporation of Misc ECPs - NonOrganic	25 / 0.803	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.803	
1.1.20) Interim CDD - NonOrganic	152 / 0.469	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	152 / 0.469	
1.1.22) Interim Defense Weapon System - Organic	32 / 32.966	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 32.966	
1.1.23) Interim Defense Weapon System OCO ECP - Organic	- / -	- / 18.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.600	
1.1.24) Interim Defense Weapon System GFE - Organic	12 / 0.962	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.962	
1.1.25) IR Suppressor - NonOrganic	68 / 5.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	68 / 5.100	
1.1.26) JATAS - NonOrganic	- / -	- / -	- / -	18 / 4.257	- / -	18 / 4.257	30 / 7.096	48 / 11.353	48 / 11.353	48 / 11.353	51 / 12.063	243 / 57.475	
1.1.27) K-Voice and Data Recorder (VADR) - Organic	58 / 0.640	- / -	31 / 0.360	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	89 / 1.000	
1.1.28) KVADR GFE - Organic ⁽²⁾	41 / 0.944	31 / 0.496	31 / 0.580	39 / 0.663	- / -	39 / 0.663	48 / 0.816	- / -	- / -	- / -	- / -	190 / 3.499	
1.1.29) Main Landing Fire Suppression - NonOrganic ⁽³⁾	222 / 6.390	60 / 1.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	282 / 8.190	
1.1.30) Metal Oxide Varistor - Organic	- / -	137 / 0.442	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	137 / 0.442	

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	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
1.1.31) Nacelle Clamshell Door Hinge Halfs - Organic	47 / 0.611	47 / 0.398	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	94 / 1.009
1.1.33) Night V Goggle Head-Up Display SDC - Organic	- / -	- / -	10 / 0.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.005
1.1.34) Nose Landing Gear - NonOrganic	94 / 0.353	48 / 0.306	41 / 0.099	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	183 / 0.758
1.1.35) O2N2 Concentrator - Organic	43 / 0.511	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 0.511
1.1.36) OCO Readiness IPS CDD - NonOrganic	92 / 17.127	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	92 / 17.127
1.1.37) OCO Readiness IPS MIPC - NonOrganic	44 / 7.231	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 7.231
1.1.38) OCO Readiness Seven Wiring Harness - NonOrganic ⁽⁴⁾	87 / 4.134	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	87 / 4.134
1.1.39) OCO Readiness 13 Wiring Harness - NonOrganic	51 / 2.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 2.040
1.1.40) Ramp Mounted Weapon System - Organic	112 / 1.978	- / -	- / -	227 / 4.500	- / -	227 / 4.500	- / -	- / -	- / -	- / -	- / -	339 / 6.478
1.1.41) Ramp Mounted Weapon System Amo Storage Rack Assembly - Organic	20 / 0.607	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.607
1.1.42) Ramp Mounted Weapon System Swing Arm Bolt - Organic	20 / 0.615	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.615
1.1.43) Rapid Ground Refueling - NonOrganic	117 / 0.151	31 / 0.041	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	148 / 0.192
1.1.44) Readiness LRSV Pressure Switch - Organic	50 / 0.390	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 0.390
1.1.45) Slim MFD - NonOrganic ⁽⁵⁾	- / -	- / -	27 / 3.200	43 / 9.460	- / -	43 / 9.460	25 / 5.500	- / -	- / -	- / -	- / -	95 / 18.160
1.1.46) Swashplate Actuator Hose - Organic	53 / 1.801	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	53 / 1.801
1.1.47) Swashplate Improvements - Organic	180 / 0.138	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	180 / 0.138
1.1.48) Traffic Collision Avoidance System (TCAS) - NonOrganic ⁽⁶⁾	38 / 4.800	- / -	- / -	12 / 0.400	- / -	12 / 0.400	- / -	- / -	- / -	- / -	- / -	50 / 5.200
1.1.49) Upper Main Cabin Door - NonOrganic	30 / 2.666	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 2.666
1.1.50) Wiring Harnesses - Organic	63 / 6.341	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 6.341
1.1.51) Archived ECPs (NonOrganic) - NonOrganic	903 / 71.689	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	903 / 71.689
1.1.52) Archived ECPs (Organic) - Organic	3,430 / 80.313	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,430 / 80.313
Subtotal Recurring	6,644 / 351.804	775 / 35.006	197 / 24.348	653 / 57.554	- / -	653 / 57.554	210 / 40.988	133 / 25.354	156 / 12.797	90 / 12.277	51 / 12.063	8,909 / 572.191
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / 72.639	- / 0.164	- / -	- / 6.500	- / -	- / 6.500	- / 0.260	- / -	- / -	- / -	- / -	- / 79.563
Subtotal Non-Recurring	- / 72.639	- / 0.164	- / -	- / 6.500	- / -	- / 6.500	- / 0.260	- / -	- / -	- / -	- / -	- / 79.563
B Kits												
Recurring												

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Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey				Modification Nomenclature (Modification Number - Modification Title): 1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)				
Models of Systems Affected: V-22 Series			Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability				Related RDT&E PEs: 0604262N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
2.1.1) Archived B Kits (NonOrganic) - NonOrganic	12 / 0.318	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.318
2.1.2) Archived B Kits (Organic) - Organic	60 / 3.463	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 3.463
Subtotal Recurring	72 / 3.781	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 3.781
Non-Recurring												
2.2.1) Installation Equipment N/R - Organic	- / 0.577	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.577
Subtotal Non-Recurring	- / 0.577	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.577
Total, MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	6,716 / 428.801	775 / 35.170	197 / 24.348	653 / 64.054	- / -	653 / 64.054	210 / 41.248	133 / 25.354	156 / 12.797	90 / 12.277	51 / 12.063	8,981 / 656.112
Total Procurement, All Modifications	6,716 / 428.801	775 / 35.170	197 / 24.348	653 / 64.054	- / -	653 / 64.054	210 / 41.248	133 / 25.354	156 / 12.797	90 / 12.277	51 / 12.063	8,981 / 656.112
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / 1.369	- / -	- / 0.015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.384
3.3) Training Equipment ⁽⁷⁾	7 / 133.483	- / 3.600	- / 4.452	- / 10.535	- / -	- / 10.535	- / 5.158	- / 1.000	- / 11.918	- / 35.745	- / 81.299	7 / 287.190
3.4) PY Installs	- / 1.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.225
3.5) Support Equipment ⁽⁸⁾	- / 0.955	- / 0.623	- / 1.322	- / 2.031	- / -	- / 2.031	- / 0.279	- / 0.319	- / 0.509	- / 0.637	- / -	- / 6.675
3.6) ILS	- / 6.649	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.649
3.7) Other Support ⁽⁹⁾	- / 12.858	- / 2.256	- / 8.684	- / 8.528	- / -	- / 8.528	- / 7.838	- / 8.097	- / 8.361	- / 8.564	- / -	- / 65.186
3.8) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	156.539	6.479	14.473	21.094	-	21.094	13.275	9.416	20.788	44.946	81.299	368.309
Total Procurement and Support	585.340	41.649	38.821	85.148	-	85.148	54.523	34.770	33.585	57.223	93.362	1,024.421
MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) Installation Cost	- / 29.732	- / 9.992	- / 7.868	- / 12.650	- / -	- / 12.650	- / 16.963	- / 16.201	- / 12.755	- / 9.349	- / 17.613	- / 133.123
Total Installation Cost	- / 29.732	- / 9.992	- / 7.868	- / 12.650	- / -	- / 12.650	- / 16.963	- / 16.201	- / 12.755	- / 9.349	- / 17.613	- / 133.123
Total Cost (Procurement + Support + Installation)	615.072	51.641	46.689	97.798	-	97.798	71.486	50.971	46.340	66.572	110.975	1,157.544

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)											
Models of Systems Affected: V-22 Series										Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability										Related RDT&E PEs: 0604262N											
Manufacturer Information: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (<i>in Months</i>): 0														Production Leadtime (<i>in Months</i>): 0																	
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																															
Delivery Dates																															
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Method										Installation Name: 022-01 Installs											
Installation Cost		Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)										
All Prior Years		1,085 / 29.732	392 / 9.992		406 / 7.156		54 / 2.912		0 / 0.000		54 / 2.912		2 / 0.018		- / -		- / -		- / -		- / -		1,939 / 49.810								
FY 2012		- / -	- / -		48 / 0.408		69 / 5.292		- / -		69 / 5.292		- / -		- / -		- / -		- / -		- / -		117 / 5.700								
FY 2013		- / -	- / -		41 / 0.304		74 / 3.519		- / -		74 / 3.519		2 / 4.100		- / -		- / -		- / -		- / -		117 / 7.923								
FY 2014		- / -	- / -		- / -		15 / 0.927		- / -		15 / 0.927		113 / 12.845		- / -		- / -		- / -		- / -		128 / 13.772								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		- / -		107 / 16.201		- / -		- / -		- / -		107 / 16.201								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		98 / 12.755		- / 0.700		- / -		98 / 13.455								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		96 / 8.649		96 / 8.649								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		90 / 8.627		90 / 8.627								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		51 / 8.986		51 / 8.986								
Total		1,085 / 29.732	392 / 9.992		495 / 7.868		212 / 12.650		- / -		212 / 12.650		117 / 16.963		107 / 16.201		98 / 12.755		96 / 9.349		141 / 17.613		2,743 / 133.123								
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1,085	91	99	100	102	119	124	124	128	53	54	54	51	31	29	29	28	26	26	27	28	24	24	25	25	24	24	24	24	141	2,743
Out	1,085	91	99	100	102	119	124	124	128	53	54	54	51	31	29	29	28	26	26	27	28	24	24	25	25	24	24	24	24	141	2,743
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Organic - Back Up Hydraulic Power Drive Unit										Installation Quantity: 190											

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - BFT II Block C	Installation Quantity: 21
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Block A to B GFE	Installation Quantity: 15
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Data Transfer System	Installation Quantity: 225
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Day Heads Up Display	Installation Quantity: 435
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - FLIR Firmware Improvements	Installation Quantity: 29
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Gen 5 Radio ARC 210	Installation Quantity: 70
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Ice Protection Blk B Heater Blades	Installation Quantity: 143
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Interim Defense Weapon System	Installation Quantity: 32
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Interim Defense Weapon System GFE	Installation Quantity: 12
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - K-Voice and Data Recorder (VADR)	Installation Quantity: 89
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - KVADR GFE	Installation Quantity: 190

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Metal Oxide Varistor	Installation Quantity: 137
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Nacelle Clamshell Door Hinge Halfs	Installation Quantity: 94
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Night V Goggle Head-Up Display SDC	Installation Quantity: 10
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - O2N2 Concentrator	Installation Quantity: 43
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Ramp Mounted Weapon System	Installation Quantity: 339
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Ramp Mounted Weapon System Amo Storage Rack Assembly	Installation Quantity: 20
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Ramp Mounted Weapon System Swing Arm Bolt	Installation Quantity: 20
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Readiness LRSV Pressure Switch	Installation Quantity: 50
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Swashplate Actuator Hose	Installation Quantity: 53
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Swashplate Improvements	Installation Quantity: 180
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Wiring Harnesses	Installation Quantity: 63

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Archived ECPs (Organic)	Installation Quantity: 3430
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Archived B Kits (Organic)	Installation Quantity: 60
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 7
Footnotes: (1) FY11 procurement approved by ATR for \$11.050M The negotiated qty for FY11-13 allowed us to receive a qty/unit price discount based on 8 kits. FY14 and out are based on cost estimate and no qty discount. (2) The original cost estimate for K-Voice and Data Recorder (KVADR) Government Furnished Equipment (GFE) did not capture the cost of all of the parts. (3) Main Landing Fire Suppression kits are installed as organic and nonorganic. (4) 43 NonOrganic kits and 44 Organic kits. (5) Actual unit price in FY14 of \$220K is correct, original price estimate omitted several parts that needed to be included and added into the cost which was done for FY14 and FY15. (6) FY11 kit buy (38) done as organic install. (7) The increase between FY13 and FY14 for Training Equipment is due to the modification of training simulators and maintenance trainers. (8) The increase in Support Equipment is due to the procurement of Operation Test Program Sets. (9) Other Support increases in relationship to the increase of fielding and modification of MV-22 aircraft.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey				Modification Nomenclature (Modification Number - Modification Title): 2 - MV-22 Readiness (OSIP 028-12)			

Models of Systems Affected: V-22 Series				Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost				Related RDT&E PEs: 0604262N			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	29.555	49.167	63.036	-	63.036	85.484	87.264	113.771	96.362	752.596	1,277.235
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	29.555	49.167	63.036	-	63.036	85.484	87.264	113.771	96.362	752.596	1,277.235
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	29.555	49.167	63.036	-	63.036	85.484	87.264	113.771	96.362	752.596	1,277.235

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This Operational Safety Improvement Program is established for the correction of readiness degraders impacting MV-22 cost per flight hour, Reliability Maintainability and Availability (RM&A), obsolescence, and reduction of life-cycle costs. These modifications (MODs) will be accomplished by field retrofit and implemented to coincide with resources and aircraft availability. In order to meet the goal of increasing readiness, the airframe and integrated systems must be modified as critical RM&A issues are identified. Funds will be used to manage, prepare, process and incorporate Engineering Change Proposals.

CURRENT/ACTIVE ECPs:

13 Wiring Harness: Improve harness reliability by reducing higher than expected failures due to chafing in the backshells and external environmental effects.

7 Wiring Harness: Improve proposed harnesses reliability by two times. This Change will create Retrofit Kits to implement changes that were made by Physical Configuration Audit 901P0872 and 901P0875.

Swash plate actuator: To improve cup seal leakage issues.

Flaperon actuator: To correct the failure mode of seal leakage due to piston rod corrosion.

Pylon Conversion actuator Upgrade: To reduce corrosion of the ball screw assembly and mechanical damage to the ball screw soft-stop assemblies.

Drive Tube: This effort will redesign drive tube which will eliminate an O level recurring inspection as it will decrease stresses at the lower end without affecting the interface with the mast.

Local and Remote Shutoff Valve Pressure Switch: Will correct the following failure modes: microswitch plunger overtravel, and various qual test anomalies.

Infra-red Suppressor (IRS) Block A Removal: Eliminate some IRS components while maintaining structural support, coanda mounting points and vibration requirements.

Vibration Structural Live Engine Diagnostic, Drive System Interface Unit, Fuel Management Unit Implements changes to internal component parts that address parts obsolescence issues and improves.

Ice Protection System: Strengthens component parts which have been prone to stress failures or fraying, Central De-ice Device and Nacelle Ice Protection Control Unit / Master Ice Protection Controller.

Prop Rotor Coating: To better protect the rotor blade aiding in its longer use before needing replacement.

Auxiliary Power Unit (APU-105) Upgrades: Incorporation provides for improved reliability and configuration commonality for APU.

Engine Air Particle Separator (EAPS): Start Valve Block A/B/10 Improvements to the Start Circuit side of the EAPS Start Valve Module, will provide for increase reliability.

Interface Requirements Specification Centerbody One of the top Critical Items Logistics Review degraders. An improved design was developed to upgrade the existing units for greater reliability.

Lower Nacelle System readiness degraders, to reduce cost per flight hour on the lower nacelle.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - MV-22 Readiness (OSIP 028-12)
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
Land Navigation System/Interface Electronics Assemblies EAPS that would be retrofitted for the fleet. Components with greatest impact to time on wing for engine, via improved particulate separation and removal. Nacelle Airflow Particle Separator Provide particulate separation and greatly reduce particulate contamination of heat exchanger. Coanda Deflector Tubes Cost Reduction Initiative to change the angle of exhaust deflector tubes to better deflect the exhaust away from the aircraft. Constant Frequency Generator (CFG) Tilt Axis Gear Box (TAGB) Adapter: Modify the CFG-TAGB adapter to allow a modified CFG, to utilize the TAGB internal oil/air mixture to increase CFG scavenge pump efficiency. Avionics Bay Interface Unit (Pressure Switch Interface Unit) allows real time monitoring of electrical loading on various generators and power busses, improving management in high workload to reduce replacement costs. Clam Shell Doors: improving doors to reduce maintainance. CFG Redesign of the constant frequency generator to significantly improve the reliability and maintainability while reducing the overall Aircraft cost. Nacelle Blower Redesign Effort will address permanent solution to current failure modes: tip rub issue, increase stall margin, increase sand tolerance, increase corrosion resistance in bearings. Improved Lower Nacelle (separated into Nacelle Heat Exchanger and Nacelle Station (STA) 400 Air Baffle Cracking) takes advantage of improvements in 3-D computer modeling developed over last 3 decades. Reduced ingestions and Foreign Object Debris (FODs). E-Blowers to Increase particle separation efficiency, improve airflow, incorporate electric blower subsystem to increase blower scavenge flow and remove hydraulic lines from lower nacelle. Variable Frequency Generator (VFG) 115 is a suitable substitute for the -117 to reduce flight costs. Overtorque correction to failures associated with Input quill/clutch assembly Modification of the Prop Rotor Gear Box (PRGB) Gear Train Mast, Input Quill Housing, Clutch, and Engine to improve reliability. V-22 PRGB Imp Input Quill Wavespring (Formerly known as Drive System Improvement Input Quill Wavespring): To eliminate resident issues with Input Quill Wave Spring and to Purge Fleet of Thin Densd Chrome. Pressure Shut Off Valve: Mod to prevent valve from becoming unstable or closing resulting in tank not giving fuel up for defuel operation or transfer. Aircraft Bus Tie Circuit Reliability Improvement to provide the ability to power all buses with a battery start of the APU in the presence of a failed Regulated Converter. Sponson refuel-defuel valve: Decreased air ingestion by improving internal components to resist vibration during engine operation. Nacelle Door Hook Latch Increase Nacelle door panel access and reliability, enabling improved maintainability, modification will improve Reliability & Maintainability of work platforms and access panels to the Nacelle assembly by fleet and depot maintainers. Nacelle Wiring Overseas Contingency Operations: to reduce cost per flight hour on various wiring units within the nacelles. Wing Auxillary Tank refuel-defuel valve: Mod to valve to decrease air ingestion. Landing Gear Control Unit: improvement to circuit cards to better control electricity to control unit. Primary Lighting Control Unit: increase resister control to primary lighting to prevent burn outs to control unit. Rudder Attachment Reliability Improvement: upgrade to bearings associated with the rear rudder. Improved Slip Ring Assembly to Increase mean time between failures of swashplate assembly (which encompasses the slip ring assembly). Conversion Area Harnesses The Conversion Area ribbon harnesses are significant negative contributors to readiness, with wire harness 962 (W962) and Wire harness 971 (W971) being the 2 highest drivers on the aircraft. Ribbon harnesses fail due to environmental factors and tight bend radius in this area. Upper and Lower Rod Ends Redesign to prevent excessive wear from normal propotor operation. Maintainer Strut Redesign the maintainer door wil be made as an aluminum machining, and have the final end item assembly be procured as one end item. Engine Oil Door redesign and relocation of hinges and latches to minimize structural loads and increase longevity of the doors. Wash Door redesign and relocation of hinges and latches to minimize structural loads and increase longevity of the doors. Anti-Drive Joint Improve time to remove the anti-drive assembly and eliminate FOD ingestion in the clearance hole in machined cavity of base assy between the two bushings. Hub Improvements Reliability & Maintainability improvements made to the prop-rotor hub. Windshield Kits Coatings/redesign to eliminate the failure modes of cracking and hazing. Gimbal Assembly Increase mean time between failures of the swashplate and hub assembly (which includes the gimbal assembly).		

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
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Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
Traffic & Collision Avoidance System (TCAS) Urgent Universal Need Statement (UUNS) - implementing an interim TCAS in MV-22 to meet UUNS requirement approved by Marine Corps Requirement Oversight Council in DEC 2010 - will enhance safety and situational awareness. Multiple Word on Display (MWOD) Loading Capability - Multiple Word on Display replaces lengthy process of manual paper tapes currently being used in the field; MWOD allows electronic loading of data into the ARC-210 radios for a quicker, more accurate process. Shaft Driven Compressor Repair of Repairables: This effort will reconfigure material to class 2, change 6-1 configuration. Non-Integrated Line-of-Sight Variable Message Format (LOS VMF) - Cockpit and Troop Commander upgrades to enable two way messaging of LOS VMF (aka Strikelink). Data will include text and imagery. Also addition of video send/receive capability to receive sensor video from other Marine Aviation Combat Element (ACE), Joint Forces, or Unamned Air Vehicle platforms. This capability also includes the ability to broadcast V-22 sensor or display video to other platforms. Midair Conflict Avoidance System/Airborne Collision Avoidance System Long-term solution for Airborne Collision Avoidance to improve survivability by providing warning of impending mid-air collisions. APX-123 Replaces the APX-118 Identification, Friend or Foe transponder with the required MODE 5 capable APX-123 transponder. High Power Amplifier/Low Noise Amplifier- Block C adds a new Satellite Communications antenna to the V-22, with input jacks available on the Block C Troop Commander panel. Inlet Scroll Time On Wing Improvement Program will complement engine durability improvements by more than 50%, reducing operating costs and improving component reliability and reduce system maintenance. Drive System components Incorporate seals on the drive system components to prevent corrosion and early replacement. Drag Pin and Link Improvements redesign pin and links to improve durability. APU components to have an electric starter, which will reduce costs for APU replacement components. Fuel cell components Redesign boost pumps to increase readiness. Rain Removal System improved forward flight rain removal to decrease rusting parts. Rotor Blade improvements for permanent solution to high replacement costs. Search & Rescue Light to incorporate a Visible/Infrared light that lasts longer. Thrust Control Lever Grip to make switches more durable. Diverter Valve Integration: The change will reduce engine removals due to oil system failures, static oil leaks and smoky engine starts. The change also provides mitigation to FRA-2010-14, Thermal Distress Induced Turbine Wheel Spline. Environmental Bus: Current configuration of the Environmental Bus causes over amperage of the circuit breaker when in icing and boost pump settings. Improvement plan is to upgrade wiring and reconfigure connectors. The Measured Gas Temperature Increase initiative increases engine operating temperature limit with an increase of engine Time on Wing (TOW). Nacelle Heat Exchanger: Improve Nacelle components cooling capability by increasing part reliability, maintainability, and availability. Upper Nacelle Improvements: Modifications related to component cooling, environmental protection, equipment accessibility, gearbox assemblies, power plant conversion to the proprotor, and shaft systems. Variable Frequency Generator (VFG) Redesign: Integrates a new VFG with a separate microprocessor controlled Generator Control Unit. VFG Reliability Improvements: Corrects VFG failure to go offline and parts obsolescence. PRGB Atmospheric Protection and Mast Seal Improvement: This initiative reduces corrosion related removals due to water intrusion. Drive Link/Hub Spring Change: The drive link and hub spring are critical components of the Proprotor Hub Assembly. This effort will reduce the the current safety risk and improve readiness of aircraft. Threaded Bushing Improvements: This effort addresses Reliability and Maintainability driven issues caused by the current bushing bolts cracking. The redesigned bushing bolt will correct the cracking and separation that is occurring in the current bolt. Emergency Oxygen (O2) Bottle Gauge: Current pressure gauge is small, difficult to read and does not compensate for temperature. This effort implements a larger temperature compensated pressure gauge to allow better identification of O2 levels in the Emergency O2 Bottle utilized in the MV/CV-22 Osprey. FUTURE ECPs: Nacelle STA 400 Air Baffle Cracking: upgrading baffle to ensure correct air flow at 400 station in Nacelle.		

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Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - MV-22 Readiness (OSIP 028-12)
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
Nacelle Upper Improvements modifications related to component cooling, environmental protection, equipment accessibility, gearbox assemblies, power plant conversion to the proprotor, and shaft systems. Rescue Hoist Hook: improved hook units for hoisting abilities. Improved Inlet Solution: This change improves airborne particulate separation from the engine air flow by upgrading air inlet scroll. The initiative will improve engine Time on Wing (TOW). Standby Flight Display (SFD): This item is obsolete with several key components that must be redesigned. No parts available to perform repairs beyond FY-16, must have qualified SFD or aircraft readiness degrades rapidly. Mission Computer Obsolescence Initiative (MCOI) Retrofit: MCOI replaces several components and allows planned capabilities to operate without memory processing power or memory storage. Has a positive Return on Investment (ROI) compared too many other costs that would be absorbed (avoidance). FY14 New Starts include: Nacelle Heat Exchanger, PRGB Atmospheric Protection and Mast Seal Improvement, Drive Link/Hub Spring Change, O2 Guage, Threaded Bushing Improvements, and Environmental Bus. Nose Landing Gear moved from 22-01 to 28-12 for FY14.		

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey					Modification Nomenclature (Modification Number - Modification Title): 2 - MV-22 Readiness (OSIP 028-12)			
Models of Systems Affected: V-22 Series			Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost					Related RDT&E PEs: 0604262N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MV-22 Readiness (OSIP 028-12)												
A Kits												
Recurring												
1.1.1) 13 Wiring Harness - NonOrganic	- / -	51 / 3.360	47 / 1.880	40 / 1.600	- / -	40 / 1.600	- / -	- / -	- / -	- / -	- / -	138 / 6.840
1.1.3) Swashplate Actuator - NonOrganic	- / -	- / -	- / -	48 / 0.225	- / -	48 / 0.225	49 / 0.230	12 / 0.056	- / -	- / -	- / -	109 / 0.511
1.1.5) Pylon Conversion Actuator - NonOrganic	- / -	- / -	29 / 6.525	10 / 2.250	- / -	10 / 2.250	29 / 6.525	29 / 6.525	29 / 6.525	6 / 1.350	- / -	132 / 29.700
1.1.6) Drive Tube - NonOrganic	- / -	- / -	29 / 0.638	29 / 0.638	- / -	29 / 0.638	29 / 0.638	29 / 0.638	29 / 0.638	46 / 1.012	- / -	191 / 4.202
1.1.7) Prop Rotor Coating - NonOrganic	- / -	- / -	220 / 0.220	220 / 0.220	- / -	220 / 0.220	60 / 0.060	- / -	- / -	- / -	- / -	500 / 0.500
1.1.8) LRSV Pressure Switch - Organic	- / -	50 / 0.390	2 / 0.016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 0.406
1.1.9) Improved Slip Ring Assembly - NonOrganic	- / -	- / -	29 / 3.190	10 / 1.100	- / -	10 / 1.100	29 / 3.190	29 / 3.190	25 / 2.750	- / -	- / -	122 / 13.420
1.1.10) Gimbal Assembly - NonOrganic	- / -	- / -	8 / 0.365	19 / 0.794	- / -	19 / 0.794	19 / 0.794	19 / 0.794	19 / 0.794	19 / 0.794	130 / 5.434	233 / 9.769
1.1.11) Conversion Area Harnesses - NonOrganic	- / -	- / -	21 / 0.840	61 / 2.440	- / -	61 / 2.440	61 / 2.440	67 / 2.680	21 / 0.840	- / -	- / -	231 / 9.240
1.1.12) Upper and Lower Rod Ends - NonOrganic	- / -	- / -	29 / 2.610	10 / 0.900	- / -	10 / 0.900	29 / 2.610	29 / 2.610	29 / 2.610	29 / 2.610	55 / 4.950	210 / 18.900
1.1.13) Maintainer Strut - NonOrganic	- / -	- / -	29 / 0.116	29 / 0.116	- / -	29 / 0.116	29 / 0.116	29 / 0.116	29 / 0.116	84 / 0.336	- / -	229 / 0.916
1.1.14) Engine Oil Door - NonOrganic	- / -	- / -	29 / 0.087	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 0.087
1.1.15) Engine Wash Door - NonOrganic	- / -	- / -	29 / 0.058	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 0.058
1.1.16) Anti-Drive Joint - NonOrganic	- / -	- / -	10 / 0.020	32 / 0.064	- / -	32 / 0.064	32 / 0.064	32 / 0.064	32 / 0.064	32 / 0.064	37 / 0.074	207 / 0.414
1.1.17) Hub Improvements - NonOrganic	- / -	- / -	10 / 0.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.001
1.1.18) STA 400 Air Baffle Cracking - NonOrganic	- / -	- / -	- / -	29 / 4.785	- / -	29 / 4.785	29 / 4.785	29 / 4.785	29 / 4.785	29 / 4.785	104 / 17.160	249 / 41.085
1.1.19) Windshield Kits - NonOrganic	- / -	- / -	38 / 1.254	38 / 1.254	- / -	38 / 1.254	38 / 1.254	38 / 1.254	38 / 1.254	29 / 0.957	- / -	219 / 7.227
1.1.20) Nacelle STA 400 Air Baffle Cracking - Organic	- / -	- / -	- / -	- / -	- / -	- / -	60 / 4.290	60 / 4.325	- / -	- / -	- / -	120 / 8.615
1.1.21) IRS Redesign - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 3.000	32 / 20.000	20 / 12.200	419 / 258.800	476 / 294.000
1.1.22) Diverter Valve Integration - Organic	- / -	178 / 0.131	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	178 / 0.131
1.1.23) APU-105 - Organic	- / -	10 / 0.618	1 / 0.031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.649
1.1.25) VSLED/DSIU/FMU Reliability Improvements Retrofit - NonOrganic	- / -	- / -	5 / 2.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 2.100
1.1.26) IPS (CDD) - NonOrganic	- / -	39 / 10.410	52 / 7.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	91 / 18.010
1.1.27) IPS (MIPC/NIPCU) - NonOrganic	- / -	- / -	34 / 4.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 4.552
1.1.28) Pressure Shut Off Valve - NonOrganic	- / -	135 / 1.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	135 / 1.350
1.1.29) Sponson Refuel-Defuel Valve - Organic	- / -	40 / 1.312	2 / 0.066	40 / 1.312	- / -	40 / 1.312	40 / 1.312	40 / 1.312	- / -	- / -	- / -	162 / 5.314
1.1.30) Measured Gas Temperature Index - Organic	- / -	164 / 4.932	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	164 / 4.932

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey					Modification Nomenclature (Modification Number - Modification Title): 2 - MV-22 Readiness (OSIP 028-12)				
Models of Systems Affected: V-22 Series			Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost				Related RDT&E PEs: 0604262N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
1.1.33) Nacelle Wiring OCO - Organic	- / -	20 / 2.752	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 2.752
1.1.34) Nacelle Upper Improvements - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	24 / 9.600	17 / 6.800	28 / 11.200	24 / 9.600	136 / 54.400	229 / 91.600
1.1.35) Improved Inlet Solution - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	7 / 4.200	19 / 11.495	16 / 9.760	9 / 5.500	243 / 148.300	294 / 179.255
1.1.36) Wing Aux Tank Refuel-Defuel Valve - Organic	- / -	- / -	2 / 0.080	40 / 1.600	- / -	40 / 1.600	70 / 2.800	40 / 1.600	- / -	- / -	- / -	152 / 6.080
1.1.37) Nacelle Door Hook Latch - Organic	- / -	75 / 0.943	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	75 / 0.943
1.1.38) PRGB Atmospheric Protection and Mast Seal Improvement - Organic	- / -	- / -	- / -	16 / 0.358	- / -	16 / 0.358	24 / 0.538	24 / 0.538	24 / 0.538	36 / 0.806	108 / 2.420	232 / 5.198
1.1.39) Landing Gear Control Unit - Organic	- / -	90 / 0.720	4 / 0.036	60 / 0.480	- / -	60 / 0.480	60 / 0.480	60 / 0.480	60 / 0.480	- / -	- / -	334 / 2.676
1.1.40) PCLU Retrofit - NonOrganic	- / -	234 / 0.200	6 / 0.010	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	240 / 0.210
1.1.41) Nacelle Heat Exchanger - Organic	- / -	- / -	- / -	72 / 4.752	- / -	72 / 4.752	16 / 1.056	- / -	- / -	- / -	- / -	88 / 5.808
1.1.42) Rescue Hoist Hook - Organic	- / -	- / -	- / -	- / -	- / -	- / -	75 / 0.038	75 / 0.038	- / -	- / -	- / -	150 / 0.076
1.1.43) Rudder Attachment Reliability Improvement - NonOrganic	- / -	- / -	66 / 0.890	66 / 0.891	- / -	66 / 0.891	66 / 0.890	- / -	- / -	- / -	- / -	198 / 2.671
1.1.44) CFG Redesign - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 6.889	34 / 5.379	222 / 35.520	300 / 47.788
1.1.45) CFG TAGB Adapter Flange - Organic	- / -	- / -	114 / 0.125	85 / 0.094	- / -	85 / 0.094	- / -	- / -	- / -	- / -	- / -	199 / 0.219
1.1.46) Nose Landing Gear Door Mechanism - NonOrganic	- / -	- / -	- / -	113 / 0.046	- / -	113 / 0.046	- / -	- / -	- / -	- / -	- / -	113 / 0.046
1.1.47) AC Bus Tie Circuit Reliability Improvement - NonOrganic	- / -	- / -	100 / 2.000	88 / 0.345	- / -	88 / 0.345	99 / 0.388	45 / 0.177	- / -	- / -	- / -	332 / 2.910
1.1.48) V-22 PRGB Imp Input Quill Wavespring - NonOrganic	- / -	- / -	19 / 0.342	36 / 0.648	- / -	36 / 0.648	36 / 0.648	36 / 0.648	36 / 0.648	19 / 0.342	- / -	182 / 3.276
1.1.49) SDC Class 2 Force Delta Kits - Organic	- / -	- / -	5 / 0.096	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.096
1.1.50) Avionics Bay Interface Unit/PSIU - Organic	- / -	- / -	5 / 0.500	135 / 13.500	- / -	135 / 13.500	40 / 4.100	20 / 2.050	- / -	- / -	- / -	200 / 20.150
1.1.51) EAPS Start Valve Block A/B/C/10 - NonOrganic	- / -	- / -	41 / 0.673	41 / 0.673	- / -	41 / 0.673	36 / 0.591	- / -	- / -	- / -	- / -	118 / 1.937
1.1.52) Drive Link/Hub Spring Change - NonOrganic	- / -	- / -	- / -	20 / 8.000	- / -	20 / 8.000	20 / 8.000	20 / 8.000	20 / 8.000	20 / 8.000	104 / 41.600	204 / 81.600
1.1.53) O2 Guage - Organic	- / -	- / -	- / -	75 / 0.083	- / -	75 / 0.083	86 / 0.096	- / -	- / -	- / -	- / -	161 / 0.179
1.1.54) Threaded Bushing Improvements - Organic	- / -	- / -	- / -	576 / 0.230	- / -	576 / 0.230	576 / 0.230	168 / 0.067	- / -	- / -	- / -	1,320 / 0.527
1.1.55) APX-123 - NonOrganic	- / -	- / -	28 / 0.031	34 / 0.038	- / -	34 / 0.038	37 / 0.041	36 / 0.040	36 / 0.040	11 / 0.012	- / -	182 / 0.202
1.1.56) Environmental Bus - NonOrganic	- / -	- / -	- / -	88 / 0.690	- / -	88 / 0.690	99 / 0.777	45 / 0.354	- / -	- / -	- / -	232 / 1.821
1.1.57) VFG Reliability Improvements - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	96 / 2.688	96 / 2.688	91 / 2.548	283 / 7.924
1.1.58) VFG Redesign - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 5.290	254 / 29.300	300 / 34.590
1.1.59) Stand by Flight Display - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	45 / 1.125	45 / 1.125	45 / 1.125	45 / 1.125	45 / 1.125	225 / 5.625
1.1.60) MCOI Retrofit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	12 / 4.588	20 / 7.647	33 / 12.640	31 / 11.904	123 / 47.252	219 / 84.031

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey				Modification Nomenclature (Modification Number - Modification Title): 2 - MV-22 Readiness (OSIP 028-12)				
Models of Systems Affected: V-22 Series			Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost				Related RDT&E PEs: 0604262N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Subtotal Recurring	- / -	1,086 / 27.118	1,043 / 36.952	2,160 / 50.126	- / -	2,160 / 50.126	1,961 / 68.494	1,117 / 72.408	750 / 94.384	665 / 74.754	2,071 / 648.883	10,853 / 1,073.119
Non-Recurring												
1.2.1) Installation Kits N/R - Organic	- / -	- / 0.012	- / 3.350	- / 0.480	- / -	- / 0.480	- / 0.468	- / -	- / -	- / -	- / -	- / 4.310
Subtotal Non-Recurring	- / -	- / 0.012	- / 3.350	- / 0.480	- / -	- / 0.480	- / 0.468	- / -	- / -	- / -	- / -	- / 4.310
Total, MV-22 Readiness (OSIP 028-12)	- / -	1,086 / 27.130	1,043 / 40.302	2,160 / 50.606	- / -	2,160 / 50.606	1,961 / 68.962	1,117 / 72.408	750 / 94.384	665 / 74.754	2,071 / 648.883	10,853 / 1,077.429
Total Procurement, All Modifications	- / -	1,086 / 27.130	1,043 / 40.302	2,160 / 50.606	- / -	2,160 / 50.606	1,961 / 68.962	1,117 / 72.408	750 / 94.384	665 / 74.754	2,071 / 648.883	10,853 / 1,077.429
Support												
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.2) Data	- / -	- / 0.265	- / 0.270	- / 0.237	- / -	- / 0.237	- / 0.252	- / 0.252	- / 0.252	- / 0.252	- / 0.579	- / 2.359
3.3) Training Equipment ⁽¹⁰⁾	- / -	- / -	- / 0.707	- / 2.030	- / -	- / 2.030	- / 2.649	- / 2.081	- / 7.246	- / -	- / -	- / 14.713
3.4) Support Equipment ⁽¹¹⁾	- / -	- / -	- / -	- / 0.431	- / -	- / 0.431	- / -	- / -	- / -	- / -	- / -	- / 0.431
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
3.6) Other Support	- / -	- / 2.160	- / 3.173	- / 1.954	- / -	- / 1.954	- / 2.255	- / 2.351	- / 2.407	- / 3.194	- / 6.831	- / 24.325
3.7) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	2.425	4.150	4.652	-	4.652	5.156	4.684	9.905	3.446	7.410	41.828
Total Procurement and Support	0.000	29.555	44.452	55.258	-	55.258	74.118	77.092	104.289	78.200	656.293	1,119.257
MV-22 Readiness (OSIP 028-12) Installation Cost	- / 0.000	- / -	- / 4.715	- / 7.778	- / -	- / 7.778	- / 11.366	- / 10.172	- / 9.482	- / 18.162	- / 96.303	- / 157.978
Total Installation Cost	- / 0.000	- / -	- / 4.715	- / 7.778	- / -	- / 7.778	- / 11.366	- / 10.172	- / 9.482	- / 18.162	- / 96.303	- / 157.978
Total Cost (Procurement + Support + Installation)	0.000	29.555	49.167	63.036	-	63.036	85.484	87.264	113.771	96.362	752.596	1,277.235

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Exhibit P-3A, Individual Modification: PB 2014 Navy				Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft		P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey		Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - MV-22 Readiness (OSIP 028-12)	
Models of Systems Affected: V-22 Series		Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost		Related RDT&E PEs: 0604262N	

Manufacturer Information: MV-22 Readiness (OSIP 028-12)							
Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: MV-22 Readiness (OSIP 028-12)				Method of Implementation: Method				Installation Name: 028-12 Installs				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	225 / 1.074	234 / 0.194	- / -	234 / 0.194	- / -	- / -	- / -	- / -	- / -	459 / 1.268
FY 2013	- / -	- / -	583 / 3.641	303 / 2.830	- / -	303 / 2.830	22 / 0.108	- / -	- / -	- / -	- / -	908 / 6.579
FY 2014	- / -	- / -	- / -	599 / 4.754	- / -	599 / 4.754	445 / 6.193	17 / 0.286	- / -	- / -	- / -	1,061 / 11.233
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	586 / 5.065	328 / 6.567	- / -	- / -	- / -	914 / 11.632
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	392 / 3.319	238 / 5.738	- / -	- / -	630 / 9.057
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	331 / 3.744	335 / 12.485	- / -	666 / 16.229
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	350 / 5.677	279 / 10.504	629 / 16.181
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,963 / 85.799	1,963 / 85.799
Total	- / -	- / -	808 / 4.715	1,136 / 7.778	- / -	1,136 / 7.778	1,053 / 11.366	737 / 10.172	569 / 9.482	685 / 18.162	2,242 / 96.303	7,230 / 157.978

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	202	204	197	205	285	286	280	285	262	263	260	268	180	182	183	192	138	140	141	150	169	171	171	174	2,242	7,230
Out	-	-	-	-	-	202	204	197	205	285	286	280	285	262	263	260	268	180	182	183	192	138	140	141	150	169	171	171	174	2,242	7,230

Installation: MV-22 Readiness (OSIP 028-12)				Method of Implementation: Organic - LRSV Pressure Switch				Installation Quantity: 52			
Installation: MV-22 Readiness (OSIP 028-12)				Method of Implementation: Organic - Nacelle STA 400 Air Baffle Cracking				Installation Quantity: 120			

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - MV-22 Readiness (OSIP 028-12)
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Diverter Valve Integration	Installation Quantity: 178
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - APU-105	Installation Quantity: 11
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Sponson Refuel-Defuel Valve	Installation Quantity: 162
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Not Installed - Measured Gas Temperature Index	Installation Quantity: 164
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Nacelle Wiring OCO	Installation Quantity: 20
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Wing Aux Tank Refuel-Defuel Valve	Installation Quantity: 152
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Nacelle Door Hook Latch	Installation Quantity: 75
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - PRGB Atmospheric Protection and Mast Seal Improvement	Installation Quantity: 232
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Landing Gear Control Unit	Installation Quantity: 334
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Nacelle Heat Exchanger	Installation Quantity: 88
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Rescue Hoist Hook	Installation Quantity: 150
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - CFG TAGB Adapter Flange	Installation Quantity: 199
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - SDC Class 2 Force Delta Kits	Installation Quantity: 5
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Avionics Bay Interface Unit/PSIU	Installation Quantity: 200
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - O2 Guage	Installation Quantity: 161

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - MV-22 Readiness (OSIP 028-12)
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Threaded Bushing Improvements	Installation Quantity: 1320
Footnotes: (10) The increase between FY13 and FY14 for Training Equipment is due to the modification of training simulators and maintenance trainers. (11) The increase in Support Equipment is due to the procurement of Operation Test Program Sets.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft	P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0604800M

MDAP/MAIS Code(s): 198

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	-	-	147.130	-	147.130	291.910	284.360	176.610	181.234	0.337	1,081.581
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	-	-	147.130	-	147.130	291.910	284.360	176.610	181.234	0.337	1,081.581
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	-	-	147.130	-	147.130	291.910	284.360	176.610	181.234	0.337	1,081.581
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This line item is a New Start in FY14.

The F-35 Joint Strike Fighter (JSF) Program will develop and deploy a family of highly common, affordable, next generation, stealthy, multi-role strike fighters that meet the needs of multiple services and countries. The United States Marine Corps Short Take Off and Vertical Landing (STOVL) correction of deficiencies effort provides near and long term improvements to the fleet, focusing on documented deficiencies related to safety, maintainability, and aircraft systems. These modifications and selected component changes are being accomplished by field and depot retrofit. In order to meet emerging deficiencies the airframe and integrated systems must be modified as critical corrections/changes are identified. Funds will be used to manage, prepare, process and incorporate concurrency changes to sustain and improve STOVL system operations. Concurrency changes are implemented to coincide with resources and aircraft availability.

Block upgrades provide more robust performance in navigation, weapons, avionics, survivability, maneuverability, maintainability, and mission deployment of the STOVL platform. This modification program will bring early production aircraft and integrated systems to a common fleet configuration as fielded capabilities evolve over the course of the F-35 program.

The requested modification funding enables several distinct efforts pertaining to the Marine STOVL aircraft to include post aircraft delivery concurrency retrofits, block upgrades and upgrading hardware and software components to a full Block 3F configuration. The focus of the modification funding requested in the 2014 President's Budget is the first (concurrency) and third (Block 3i) efforts.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																	Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0604800M									
MDAP/MAIS Code(s): 198																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14)	P3A			0.000			-			-			38.123			-				38.123	
2 - F-35 STOVL CONCURRENCY (OSIP 023-14)	P3A			0.000			-			-			109.007			-				109.007	
3 - F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16)	P3A			0.000			-			-			-			-				-	
4 - F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18)	P3A			0.000			-			-			-			-				-	
Total Gross/Weapon System Cost				0.000			-			-			147.130			-				147.130	
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14)	P3A			80.461			64.692			8.097			2.588			0.236				194.197	
2 - F-35 STOVL CONCURRENCY (OSIP 023-14)	P3A			211.449			214.638			168.411			176.147			-				879.652	
3 - F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16)	P3A			-			5.030			0.102			1.581			0.101				6.814	
4 - F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18)	P3A			-			-			-			0.918			-				0.918	
Total Gross/Weapon System Cost				291.910			284.360			176.610			181.234			0.337				1,081.581	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14)			

Models of Systems Affected: F-35 STOVL				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800M			

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	38.123	-	38.123	80.461	64.692	8.097	2.588	0.236	194.197
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	38.123	-	38.123	80.461	64.692	8.097	2.588	0.236	194.197
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	38.123	-	38.123	80.461	64.692	8.097	2.588	0.236	194.197

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The block upgrade program retrofits United States Marine Corps Short Takeoff and Vertical Landing (STOVL) aircraft and integrated systems procured under the Low Rate Initial Production (LRIP) contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration.

This effort (OSIP 015-14) focuses on upgrading Blocks 1B, 2A, and 2B aircraft from LRIPs 2-5 to a Block 3i configuration. Block 3i is a stepping stone to a Block 3F configuration. It includes the procurement of Tech Refresh 2 (TR2) hardware for the Block 3i configuration. The parts include new radar modules, new Integrated Core Processor (ICP) modules and rack, and new Electronic Warfare (EW) modules.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

Contract Award.

First Article Validation.

Completion of last aircraft installation.

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series					Modification Nomenclature (Modification Number - Modification Title): 1 - F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14)			
Models of Systems Affected: F-35 STOVL				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800M				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14)												
B Kits												
Recurring												
1.1.1) EQUIPMENT Block 3i - NonOrganic	- / -	- / -	- / -	6 / 24.214	- / -	6 / 24.214	14 / 65.846	11 / 53.288	1 / 4.900	- / -	- / -	32 / 148.248
Subtotal Recurring	- / -	- / -	- / -	6 / 24.214	- / -	6 / 24.214	14 / 65.846	11 / 53.288	1 / 4.900	- / -	- / -	32 / 148.248
Total, F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14)	- / -	- / -	- / -	6 / 24.214	- / -	6 / 24.214	14 / 65.846	11 / 53.288	1 / 4.900	- / -	- / -	32 / 148.248
Total Procurement, All Modifications	- / -	- / -	- / -	6 / 24.214	- / -	6 / 24.214	14 / 65.846	11 / 53.288	1 / 4.900	- / -	- / -	32 / 148.248
Support												
2.1) Training	- / -	- / -	- / -	- / 4.549	- / -	- / 4.549	- / 4.685	- / -	- / -	- / -	- / -	- / 9.234
2.2) Mod of Spares	- / -	- / -	- / -	- / 9.360	- / -	- / 9.360	- / 9.930	- / 10.228	- / -	- / -	- / -	- / 29.518
Total Support, All Modifications	-	-	-	13.909	-	13.909	14.615	10.228	-	-	-	38.752
Total Procurement and Support	-	-	-	38.123	-	38.123	80.461	63.516	4.900	-	-	187.000
F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.176	- / 3.197	- / 2.588	- / 0.236	- / 7.197
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.176	- / 3.197	- / 2.588	- / 0.236	- / 7.197
Total Cost (Procurement + Support + Installation)	0.000	-	-	38.123	-	38.123	80.461	64.692	8.097	2.588	0.236	194.197

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14)																							
Models of Systems Affected: F-35 STOVL				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800M																							
Manufacturer Information: F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14)																															
Manufacturer Name: Lockheed Martin ⁽¹⁾							Manufacturer Location: Fort Worth, TX																								
Administrative Leadtime (<i>in Months</i>): 3							Production Leadtime (<i>in Months</i>): 23																								
Dates	FY 2012		FY 2013		FY 2014		FY 2015		FY 2016		FY 2017		FY 2018																		
Contract Dates					Dec 2013		Dec 2014		Dec 2015		Dec 2016																				
Delivery Dates					Nov 2015		Nov 2016		Nov 2017		Nov 2018																				
Installation: F-35 STOVL BLOCK 3i LRIP 2-5 UPGRADE (OSIP 015-14)				Method of Implementation: Depot Field Team				Installation Name: Block 3i																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																			
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.176	- / -	- / -	- / -	6 / 1.176																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 3.197	- / -	- / -	14 / 3.197																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 2.588	- / -	11 / 2.588																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.236	1 / 0.236																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.176	14 / 3.197	11 / 2.588	1 / 0.236	32 / 7.197																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	1	4	3	4	3	6	5	-	-	1	32
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	1	4	3	4	3	6	5	-	-	1	32
Footnotes: ⁽¹⁾ Depot Field Team Install																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series				Modification Nomenclature (Modification Number - Modification Title): 2 - F-35 STOVL CONCURRENCY (OSIP 023-14)				
Models of Systems Affected: F-35 STOVL			Type Modification: Capability Improvement					Related RDT&E PEs: 0604800M				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	109.007	-	109.007	211.449	214.638	168.411	176.147	-	879.652
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	109.007	-	109.007	211.449	214.638	168.411	176.147	-	879.652
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	109.007	-	109.007	211.449	214.638	168.411	176.147	-	879.652
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: This effort funds retrofits due to concurrency to correct deficiencies discovered after the delivery of the last aircraft in a given Low Rate Initial Production (LRIP) lot. This includes modifications required to extend aircraft service life currently limited by low-life parts, and relieve capability limitations driven by concurrency of production with development. The concurrency funding line will be treated as a buy-to-budget effort to procure the highest priority modifications from the Tri-Service Modification Prioritization List, as they become supportable from an engineering, production, and installation standpoint. The list is vetted by the Services and Partners every 6 months to ensure the list accurately reflects existing requirements as well as emerging issues. Per-kit costs will vary for each modification being implemented, and in some cases will also vary for aircraft from different LRIP lots to implement an individual modification. For FY14, the highest priority modifications will directly support Block 2B, USMC IOC, and Iwakuni deployments. Total cost reflects procurement and installation costs.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - F-35 STOVL CONCURRENCY (OSIP 023-14)					

Models of Systems Affected: F-35 STOVL				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800M				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
F-35 STOVL CONCURRENCY (OSIP 023-14)												
A Kits												
Recurring												
1.1.1) Concurrency - Organic	- / -	- / -	- / -	- / 109.007	- / -	- / 109.007	- / 211.449	- / 214.638	- / 168.411	- / 176.147	- / -	- / 879.652
Subtotal Recurring	- / -	- / -	- / -	- / 109.007	- / -	- / 109.007	- / 211.449	- / 214.638	- / 168.411	- / 176.147	- / -	- / 879.652
Total, F-35 STOVL CONCURRENCY (OSIP 023-14)	- / -	- / -	- / -	- / 109.007	- / -	- / 109.007	- / 211.449	- / 214.638	- / 168.411	- / 176.147	- / -	- / 879.652
Total Procurement, All Modifications	- / -	- / -	- / -	- / 109.007	- / -	- / 109.007	- / 211.449	- / 214.638	- / 168.411	- / 176.147	- / -	- / 879.652
Total Procurement and Support	-	-	-	109.007	-	109.007	211.449	214.638	168.411	176.147	-	879.652
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	-	-	-	109.007	-	109.007	211.449	214.638	168.411	176.147	-	879.652

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - F-35 STOVL CONCURRENCY (OSIP 023-14)	
Models of Systems Affected: F-35 STOVL			Type Modification: Capability Improvement			Related RDT&E PEs: 0604800M	
Manufacturer Information: F-35 STOVL CONCURRENCY (OSIP 023-14)							
Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: F-35 STOVL CONCURRENCY (OSIP 023-14)			Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series					Modification Nomenclature (Modification Number - Modification Title): 3 - F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16)				
Models of Systems Affected: F-35 STOVL			Type Modification: Capability Improvement				Related RDT&E PEs: 0604800M					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	-	-	-	-	5.030	0.102	1.581	0.101	6.814
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	-	-	-	-	5.030	0.102	1.581	0.101	6.814
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	-	-	-	-	5.030	0.102	1.581	0.101	6.814
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: The block upgrade program retrofits United States Marine Corps Short Takeoff and Vertical Landing (STOVL) aircraft and integrated systems procured under the Low Rate Initial Production (LRIP) contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration. This effort (OSIP 005-16) focuses on the Block 3F configuration upgrade effort for 32 LRIP 2-5 STOVL aircraft and integrated systems. STOVL aircraft will be upgraded to Block 3F Fleet Release in two phases: first phase will install Block 3F software, which will be followed by hardware modifications in the upgrade second phase. Purchases all necessary software and installation labor to ensure all LRIP 2-5 STOVL aircraft are upgraded to a Block 3F baseline for full warfighting capability. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Contract Award. First Article Validation. Completion of last aircraft installation.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series					Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16)			
Models of Systems Affected: F-35 STOVL				Type Modification: Capability Improvement					Related RDT&E PEs: 0604800M			
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16)												
B Kits												
Recurring												
1.1.1) EQUIPMENT Block 3F - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.004	2 / 0.002	31 / 0.031	1 / 0.001	38 / 0.038
<i>Subtotal Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.004	2 / 0.002	31 / 0.031	1 / 0.001	38 / 0.038
<i>Total, F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16)</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.004	2 / 0.002	31 / 0.031	1 / 0.001	38 / 0.038
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.004	2 / 0.002	31 / 0.031	1 / 0.001	38 / 0.038
Support												
2.1) Training	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.826	- / -	- / -	- / -	- / 4.826
<i>Total Support, All Modifications</i>	-	-	-	-	-	-	-	4.826	-	-	-	4.826
<i>Total Procurement and Support</i>	-	-	-	-	-	-	-	4.830	0.002	0.031	0.001	4.864
F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.100	- / 1.550	- / 0.100	- / 1.950
<i>Total Installation Cost</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.100	- / 1.550	- / 0.100	- / 1.950
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	5.030	0.102	1.581	0.101	6.814

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16)											
Models of Systems Affected: F-35 STOVL										Type Modification: Capability Improvement										Related RDT&E PEs: 0604800M											
Manufacturer Information: F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16)																															
Manufacturer Name: Lockheed Martin ⁽²⁾															Manufacturer Location: Fort Worth, TX																
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 3																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates																		Jan 2016				Oct 2016				Oct 2017					
Delivery Dates																		Apr 2016				Jan 2017				Jan 2018					
Installation: F-35 STOVL BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-16)										Method of Implementation: Depot Field Team										Installation Name: Block 3F											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.200		- / -		- / -		- / -		4 / 0.200					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2 / 0.100		- / -		- / -		- / -		2 / 0.100					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		31 / 1.550		- / -		- / -		31 / 1.550					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.100		1 / 0.100		1 / 0.100					
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.200		2 / 0.100		31 / 1.550		1 / 0.100		38 / 1.950					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	2	-	-	-	10	10	11	1	38
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	2	-	-	-	10	10	11	1	38
Footnotes: ⁽²⁾ Depot Field Team																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18)			

Models of Systems Affected: F-35 STOVL				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800M				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	-	0.918	-	0.918
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	-	0.918	-	0.918
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	0.000	-	-	-	-	-	-	-	-	0.918	-	0.918
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The block upgrade program retrofits United States Air Marine Corps Short Takeoff and Vertical Landing (STOVL) aircraft and integrated systems procured under the Low Rate Initial Production (LRIP) contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration.

This effort (OSIP 004-18) focuses on the Block 3F configuration upgrade effort for 18 LRIP 6-8 aircraft and integrated systems. Purchases all necessary software and installation labor to ensure all LRIP 6-8 aircraft are upgraded to a Block 3F baseline for full warfighting capability.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

Contract Award.
First Article Validation.
Completion of last aircraft installation.

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series					Modification Nomenclature (Modification Number - Modification Title): 4 - F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18)				
Models of Systems Affected: F-35 STOVL				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800M					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18)													
B Kits													
Recurring													
1.1.1) EQUIPMENT Block 3F - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.018	- / -	18 / 0.018	
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.018	- / -	18 / 0.018	
Total, F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.018	- / -	18 / 0.018	
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.018	- / -	18 / 0.018	
Total Procurement and Support	-	-	-	-	-	-	-	-	-	0.018	-	0.018	
F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.900	- / -	- / 0.900	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.900	- / -	- / 0.900	
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	-	-	0.918	-	0.918	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0592 - F-35 STOVL Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18)											
Models of Systems Affected: F-35 STOVL										Type Modification: Capability Improvement										Related RDT&E PEs: 0604800M											
Manufacturer Information: F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18)																															
Manufacturer Name: Lockheed Martin ⁽³⁾															Manufacturer Location: Fort Worth, TX																
Administrative Leadtime (<i>in Months</i>): 1															Production Leadtime (<i>in Months</i>): 3																
Dates		FY 2012			FY 2013			FY 2014			FY 2015			FY 2016			FY 2017			FY 2018											
Contract Dates																				Oct 2017											
Delivery Dates																				Jan 2018											
Installation: F-35 STOVL BLOCK 3F LRIP 6-8 UPGRADE (OSIP 004-18)										Method of Implementation: Depot Field Team										Installation Name: Block 3F											
Installation Cost		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
All Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.900	- / -	18 / 0.900																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.900	- / -	18 / 0.900																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	-	18
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	-	18
Footnotes: ⁽³⁾ Depot Field Team Install																															

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft							P-1 Line Item Nomenclature: 0593 - F-35 CV Series					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0604800N				
MDAP/MAIS Code(s): 198												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	31.100	-	31.100	52.900	62.130	98.980	102.456	9.700	357.266
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	31.100	-	31.100	52.900	62.130	98.980	102.456	9.700	357.266
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	31.100	-	31.100	52.900	62.130	98.980	102.456	9.700	357.266
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line item is a New Start in FY14. The F-35 Joint Strike Fighter (JSF) Program will develop and deploy a family of highly common, affordable, next generation, stealthy, multi-role strike fighters that meet the needs of multiple services and countries. The United States Navy Carrier Variant (CV) correction of deficiencies effort provides near and long term improvements to the fleet, focusing on documented deficiencies related to safety, maintainability, and aircraft systems. These modifications and selected component changes are being accomplished by field and depot retrofit. In order to meet emerging deficiencies the airframe and integrated systems must be modified as critical corrections/changes are identified. Funds will be used to manage, prepare, process and incorporate concurrency changes to sustain and improve CV system operations. Concurrency changes are implemented to coincide with resources and aircraft availability. Block upgrades provide more robust performance in navigation, weapons, avionics, survivability, maneuverability, maintainability, and mission deployment of the CV platform. This modification program will bring early production aircraft and integrated systems to a common fleet configuration as fielded capabilities evolve over the course of the F-35 program. The requested modification funding enables several distinct efforts pertaining to the Navy CV aircraft to include post aircraft delivery concurrency retrofits, block upgrades and upgrading hardware and software components to a full Block 3F configuration. The focus of the modification funding requested in the 2014 President's Budget is the first (concurrency) and third (Block 3i) efforts.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																	Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft												P-1 Line Item Nomenclature: 0593 - F-35 CV Series									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0604800N									
MDAP/MAIS Code(s): 198																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14)	P3A			0.000			-			-			27.614			-				27.614	
2 - F-35 CV CONCURRENCY (OSIP 024-14)	P3A			0.000			-			-			3.486			-				3.486	
3 - F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17)	P3A			0.000			-			-			-			-				-	
4 - F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18)	P3A			0.000			-			-			-			-				-	
Total Gross/Weapon System Cost				0.000			-			-			31.100			-				31.100	
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1 - F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14)	P3A			19.135			19.158			1.735			1.779			9.700				79.121	
2 - F-35 CV CONCURRENCY (OSIP 024-14)	P3A			33.765			42.972			95.280			99.351			-				274.854	
3 - F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17)	P3A			-			-			1.965			0.561			-				2.526	
4 - F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18)	P3A			-			-			-			0.765			-				0.765	
Total Gross/Weapon System Cost				52.900			62.130			98.980			102.456			9.700				357.266	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0593 - F-35 CV Series				Modification Nomenclature (Modification Number - Modification Title): 1 - F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14)				
Models of Systems Affected: F-35 CV			Type Modification: Capability Improvement					Related RDT&E PEs: 0604800N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	27.614	-	27.614	19.135	19.158	1.735	1.779	9.700	79.12
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	27.614	-	27.614	19.135	19.158	1.735	1.779	9.700	79.12
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	27.614	-	27.614	19.135	19.158	1.735	1.779	9.700	79.12
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The block upgrade program retrofits United States Navy Carrier Variant (CV) aircraft and integrated systems procured under the Low Rate Initial Production (LRIP) contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration. This effort (OSIP 016-14) focuses on upgrading Blocks 1B, 2A, and 2B aircraft from LRIPs 2-5 to a Block 3i configuration. Block 3i is a stepping stone to a Block 3F configuration. It includes the procurement of Tech Refresh 2 (TR2) hardware for the Block 3i configuration. The parts include new radar modules, new Integrated Core Processor (ICP) modules and rack, and new Electronic Warfare (EW) modules. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Contract Award. First Article Validation. Completion of last aircraft installation.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0593 - F-35 CV Series				Modification Nomenclature (Modification Number - Modification Title): 1 - F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14)					
Models of Systems Affected: F-35 CV				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14)													
B Kits													
Recurring													
1.1.1) EQUIPMENT Block 3i - NonOrganic	- / -	- / -	- / -	5 / 22.832	- / -	5 / 22.832	3 / 14.110	3 / 14.533	- / -	- / -	- / -	11 / 51.475	
Subtotal Recurring	- / -	- / -	- / -	5 / 22.832	- / -	5 / 22.832	3 / 14.110	3 / 14.533	- / -	- / -	- / -	11 / 51.475	
Total, F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14)	- / -	- / -	- / -	5 / 22.832	- / -	5 / 22.832	3 / 14.110	3 / 14.533	- / -	- / -	- / -	11 / 51.475	
Total Procurement, All Modifications	- / -	- / -	- / -	5 / 22.832	- / -	5 / 22.832	3 / 14.110	3 / 14.533	- / -	- / -	- / -	11 / 51.475	
Support													
2.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.4) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
2.6) Other Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.050	- / 1.073	- / 9.700	- / 11.823	
2.7) Training	- / -	- / -	- / -	- / 1.564	- / -	- / 1.564	- / 1.611	- / -	- / -	- / -	- / -	- / 3.175	
2.8) Mod of Spares	- / -	- / -	- / -	- / 3.218	- / -	- / 3.218	- / 3.414	- / 3.516	- / -	- / -	- / -	- / 10.148	
2.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Support, All Modifications	0.000	-	-	4.782	-	4.782	5.025	3.516	1.050	1.073	9.700	25.146	
Total Procurement and Support	0.000	-	-	27.614	-	27.614	19.135	18.049	1.050	1.073	9.700	76.621	
F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.109	- / 0.685	- / 0.706	- / -	- / 2.500	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.109	- / 0.685	- / 0.706	- / -	- / 2.500	
Total Cost (Procurement + Support + Installation)	0.000	-	-	27.614	-	27.614	19.135	19.158	1.735	1.779	9.700	79.121	

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Exhibit P-3A, Individual Modification: PB 2014 Navy										Date: April 2013																					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft										P-1 Line Item Nomenclature: 0593 - F-35 CV Series										Modification Nomenclature (<i>Modification Number - Modification Title</i>): 1 - F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14)											
Models of Systems Affected: F-35 CV										Type Modification: Capability Improvement										Related RDT&E PEs: 0604800N											
Manufacturer Information: F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14)																															
Manufacturer Name: Lockheed Martin ⁽¹⁾															Manufacturer Location: Fort Worth, TX																
Administrative Leadtime (<i>in Months</i>): 3															Production Leadtime (<i>in Months</i>): 23																
Dates		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Contract Dates										Dec 2013				Dec 2014				Dec 2015													
Delivery Dates										Nov 2015				Nov 2016				Nov 2017													
Installation: F-35 CV BLOCK 3i LRIP 2-5 UPGRADE (OSIP 016-14)										Method of Implementation: Depot Field Team										Installation Name: Block 3i											
Installation Cost		Prior Years		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 1.109		- / -		- / -		- / -		- / -		5 / 1.109					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.685		- / -		- / -		- / -		3 / 0.685					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.706		- / -		- / -		3 / 0.706					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 1.109		3 / 0.685		3 / 0.706		- / -		- / -		11 / 2.500					
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	2	1	-	-	2	1	-	-	-	11
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	2	1	-	-	2	1	-	-	-	11
Footnotes: ⁽¹⁾ Depot Field Team Install																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0593 - F-35 CV Series				Modification Nomenclature (Modification Number - Modification Title): 2 - F-35 CV CONCURRENCY (OSIP 024-14)				
Models of Systems Affected: F-35 CV			Type Modification: Capability Improvement					Related RDT&E PEs: 0604800N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	3.486	-	3.486	33.765	42.972	95.280	99.351	-	274.854
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	3.486	-	3.486	33.765	42.972	95.280	99.351	-	274.854
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	3.486	-	3.486	33.765	42.972	95.280	99.351	-	274.854
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: This effort funds retrofits due to concurrency changes to correct deficiencies discovered after delivery of the last aircraft in a given Low Rate Initial Production (LRIP) lot. This includes modifications required to extend aircraft service life currently limited by low-life parts, and relieve capability limitations driven by concurrency of production with development. Retrofit Kits for Concurrency procured in Budget Line Item (BLI) 0153, per President's Budget FY13. The concurrency funding line will be treated as a buy-to-budget effort to procure the highest priority modifications from the Tri-Service Modification Prioritization List, as they become supportable from an engineering, production, and installation standpoint. The list is vetted by the Services and Partners every 6 months to ensure the list accurately reflects existing requirements as well as emerging issues. Per-kit costs will vary for each modification being implemented, and in some cases will also vary for aircraft from different LRIP lots to implement an individual modification. For FY14, the highest priority modifications will directly support shipboard operations, tactics development, and Block 3F. Total cost reflects procurement and installation costs. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Contract Award. First Article Validation. Completion of last aircraft installation.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0593 - F-35 CV Series				Modification Nomenclature (Modification Number - Modification Title): 2 - F-35 CV CONCURRENCY (OSIP 024-14)				
Models of Systems Affected: F-35 CV			Type Modification: Capability Improvement					Related RDT&E PEs: 0604800N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
F-35 CV CONCURRENCY (OSIP 024-14)												
A Kits												
Recurring												
1.1.1) Concurrency - Organic	- / -	- / -	- / -	- / 3.486	- / -	- / 3.486	- / 33.765	- / 42.972	- / 95.280	- / 99.351	- / -	- / 274.854
Subtotal Recurring	- / -	- / -	- / -	- / 3.486	- / -	- / 3.486	- / 33.765	- / 42.972	- / 95.280	- / 99.351	- / -	- / 274.854
Total, F-35 CV CONCURRENCY (OSIP 024-14)	- / -	- / -	- / -	- / 3.486	- / -	- / 3.486	- / 33.765	- / 42.972	- / 95.280	- / 99.351	- / -	- / 274.854
Total Procurement, All Modifications	- / -	- / -	- / -	- / 3.486	- / -	- / 3.486	- / 33.765	- / 42.972	- / 95.280	- / 99.351	- / -	- / 274.854
Total Procurement and Support	-	-	-	3.486	-	3.486	33.765	42.972	95.280	99.351	-	274.854
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	-	-	-	3.486	-	3.486	33.765	42.972	95.280	99.351	-	274.854

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Exhibit P-3A, Individual Modification: PB 2014 Navy						Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0593 - F-35 CV Series			Modification Nomenclature (<i>Modification Number - Modification Title</i>): 2 - F-35 CV CONCURRENCY (OSIP 024-14)	
Models of Systems Affected: F-35 CV			Type Modification: Capability Improvement			Related RDT&E PEs: 0604800N	
Manufacturer Information: F-35 CV CONCURRENCY (OSIP 024-14)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							
Installation: F-35 CV CONCURRENCY (OSIP 024-14)			Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0	

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft			P-1 Line Item Nomenclature: 0593 - F-35 CV Series					Modification Nomenclature (Modification Number - Modification Title): 3 - F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17)				
Models of Systems Affected: F-35 CV			Type Modification: Capability Improvement				Related RDT&E PEs: 0604800N					
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	-	-	-	-	-	1.965	0.561	-	2.526
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	-	-	-	-	-	1.965	0.561	-	2.526
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	-	-	-	-	-	1.965	0.561	-	2.526
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Description: The block upgrade program retrofits United States Navy Carrier Variant (CV) aircraft and integrated systems procured under the Low Rate Initial Production (LRIP) contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration. This effort (OSIP 005-17) focuses on the Block 3F configuration upgrade effort for 11 LRIP 2-5 CV aircraft and integrated systems. CV aircraft will be upgraded to Block 3F Fleet Release in two phases: first phase will install Block 3F software, which will be followed by hardware modifications in the upgrade second phase. Purchases all necessary software and installation labor to ensure all LRIP 2-5 CV aircraft are upgraded to a Block 3F baseline for full warfighting capability. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Contract Award. First Article Validation. Completion of last aircraft installation.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0593 - F-35 CV Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17)				

Models of Systems Affected: F-35 CV				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800N				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17)												
B Kits												
Recurring												
1.1.1) EQUIPMENT Block 3F - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.006	11 / 0.011	- / -	17 / 0.017
<i>Subtotal Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.006	11 / 0.011	- / -	17 / 0.017
<i>Total, F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17)</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.006	11 / 0.011	- / -	17 / 0.017
<i>Total Procurement, All Modifications</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.006	11 / 0.011	- / -	17 / 0.017
Support												
2.1) Training	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.659	- / -	- / -	- / 1.659
<i>Total Support, All Modifications</i>	-	-	-	-	-	-	-	-	1.659	-	-	1.659
<i>Total Procurement and Support</i>	-	-	-	-	-	-	-	-	1.665	0.011	-	1.676
F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300	- / 0.550	- / -	- / 0.850
<i>Total Installation Cost</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300	- / 0.550	- / -	- / 0.850
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	-	1.965	0.561	-	2.526

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0593 - F-35 CV Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 3 - F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17)																							
Models of Systems Affected: F-35 CV				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800N																							
Manufacturer Information: F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17)																															
Manufacturer Name: Lockheed Martin ⁽²⁾							Manufacturer Location: Fort Worth, TX																								
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 3																								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates						Oct 2016	Oct 2017																								
Delivery Dates						Jan 2017	Jan 2018																								
Installation: F-35 CV BLOCK 3F LRIP 2-5 UPGRADE (OSIP 005-17)				Method of Implementation: Depot Field Team				Installation Name: Block 3F																							
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																			
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.300	- / -	- / -	6 / 0.300																			
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.550	- / -	11 / 0.550																			
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.300	11 / 0.550	- / -	17 / 0.850																			
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	4	4	3	-	17
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	4	4	3	-	17
Footnotes: ⁽²⁾ Depot Field Team Install																															

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Exhibit P-3A, Individual Modification: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0593 - F-35 CV Series				Modification Nomenclature (Modification Number - Modification Title): 4 - F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18)				
Models of Systems Affected: F-35 CV			Type Modification: Capability Improvement					Related RDT&E PEs: 0604800N				
Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	-	-	-	-	-	-	0.765	-	0.765
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	-	-	-	-	-	-	0.765	-	0.765
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	-	-	-	-	-	-	0.765	-	0.765
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The block upgrade program retrofits United States Air Navy Carrier Variant (CV) aircraft and integrated systems procured under the Low Rate Initial Production (LRIP) contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration. This effort (OSIP 005-18) focuses on the Block 3F configuration upgrade effort for 15 LRIP 6-8 CV aircraft and integrated systems. Purchases all necessary software and installation labor to ensure all LRIP 6-8 CV aircraft are upgraded to a Block 3F baseline for full warfighting capability. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Contract Award. First Article Validation. Completion of last aircraft installation.												

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Exhibit P-3A, Individual Modification: PB 2014 Navy									Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0593 - F-35 CV Series					Modification Nomenclature (Modification Number - Modification Title): 4 - F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18)				
Models of Systems Affected: F-35 CV				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800N					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18)													
B Kits													
Recurring													
1.1.1) EQUIPMENT Block 3F - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.015	- / -	15 / 0.015	
Subtotal Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.015	- / -	15 / 0.015	
Total, F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.015	- / -	15 / 0.015	
Total Procurement, All Modifications	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.015	- / -	15 / 0.015	
Total Procurement and Support	-	-	-	-	-	-	-	-	-	0.015	-	0.015	
F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18) Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.750	- / -	- / 0.750	
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.750	- / -	- / 0.750	
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	-	-	0.765	-	0.765	

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Exhibit P-3A, Individual Modification: PB 2014 Navy							Date: April 2013																								
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification Of Aircraft				P-1 Line Item Nomenclature: 0593 - F-35 CV Series				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 4 - F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18)																							
Models of Systems Affected: F-35 CV				Type Modification: Capability Improvement				Related RDT&E PEs: 0604800N																							
Manufacturer Information: F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18)																															
Manufacturer Name: Lockheed Martin ⁽³⁾							Manufacturer Location: Fort Worth, TX																								
Administrative Leadtime (<i>in Months</i>): 1							Production Leadtime (<i>in Months</i>): 3																								
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018																								
Contract Dates													Oct 2017																		
Delivery Dates													Jan 2018																		
Installation: F-35 CV BLOCK 3F LRIP 6-8 UPGRADE (OSIP 005-18)							Method of Implementation: Method				Installation Name: Installation Group Name																				
Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total																			
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																		
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.750	- / -	15 / 0.750																		
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.750	- / -	15 / 0.750																		
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	15
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	15
Footnotes: ⁽³⁾ Depot Field Team Install																															