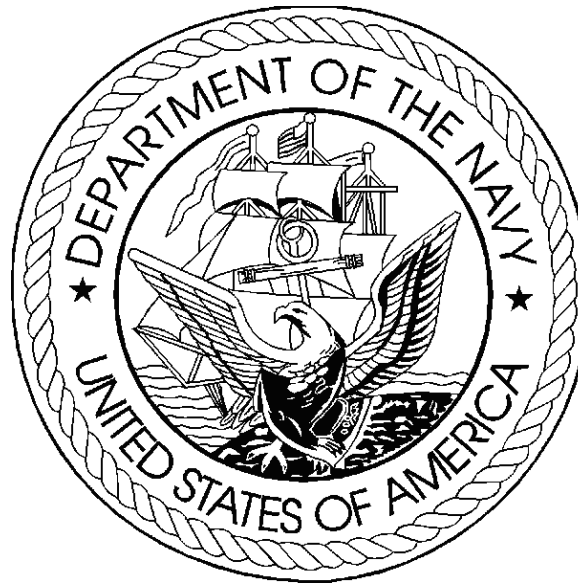


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**Department of Defense  
Fiscal Year (FY) 2016 President's Budget Submission**

February 2015



**Navy**

*Justification Book Volume 1 of 4*

***Aircraft Procurement, Navy***

**Budget Activity 01-04**

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The estimated total cost for producing the Department of Navy budget justification material is approximately \$1,436,000 for the 2015 fiscal year.  
This includes \$74,000 in supplies and \$1,362,000 in labor.

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Navy • President's Budget Submission FY 2016 • Procurement

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## **Department of Defense Appropriations Act, 2016**

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### **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, \$16,343,799,000, to remain available for obligation until September 30, 2018.

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Department of the Navy  
 FY 2016 President's Budget  
 Exhibit P-1 FY 2016 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

09 Jan 2015

Appropriation -----	FY 2014 (Base & OCO) -----	FY 2015 Base Enacted -----	FY 2015 OCO Enacted -----	FY 2015 Total Enacted -----
Aircraft Procurement, Navy	16,448,382	14,758,035	243,359	15,001,394
Total Department of the Navy	16,448,382	14,758,035	243,359	15,001,394

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Department of the Navy  
FY 2016 President's Budget  
Exhibit P-1 FY 2016 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

09 Jan 2015

Appropriation -----	FY 2016 Base -----	FY 2016 OCO -----	FY 2016 Total -----
Aircraft Procurement, Navy	16,126,405	217,394	16,343,799
Total Department of the Navy	16,126,405	217,394	16,343,799

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Department of the Navy  
 FY 2016 President's Budget  
 Exhibit P-1 FY 2016 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

09 Jan 2015

## Appropriation: Aircraft Procurement, Navy

Budget Activity -----	FY 2014 (Base & OCO) -----	FY 2015 Base Enacted -----	FY 2015 OCO Enacted -----	FY 2015 Total Enacted -----
01. Combat Aircraft	12,054,307	10,590,852	30,000	10,620,852
03. Trainer Aircraft	249,080			
04. Other Aircraft	190,384	199,623	125,000	324,623
05. Modification of Aircraft	2,405,971	2,285,631	69,423	2,355,054
06. Aircraft Spares and Repair Parts	1,087,330	1,208,651	18,000	1,226,651
07. Aircraft Support Equip & Facilities	461,310	473,278	936	474,214
Total Aircraft Procurement, Navy	16,448,382	14,758,035	243,359	15,001,394

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Department of the Navy  
 FY 2016 President's Budget  
 Exhibit P-1 FY 2016 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

09 Jan 2015

## Appropriation: Aircraft Procurement, Navy

Budget Activity -----	FY 2016 Base -----	FY 2016 OCO -----	FY 2016 Total -----
01. Combat Aircraft	10,340,088		10,340,088
03. Trainer Aircraft	8,914		8,914
04. Other Aircraft	888,971	55,000	943,971
05. Modification of Aircraft	2,752,821	161,451	2,914,272
06. Aircraft Spares and Repair Parts	1,563,515		1,563,515
07. Aircraft Support Equip & Facilities	572,096	943	573,039
Total Aircraft Procurement, Navy	16,126,405	217,394	16,343,799

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Department of the Navy  
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 Exhibit P-1 FY 2016 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

09 Jan 2015

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 (Base & OCO) Quantity Cost	FY 2015 Base Enacted Quantity Cost	FY 2015 OCO Enacted Quantity Cost	FY 2015 Total Enacted Quantity Cost	S e c
Budget Activity 01: Combat Aircraft							
-----							
Combat Aircraft							
1	EA-18G	B	21 (1,884,859)	15 (1,503,547)		15 (1,503,547)	U
	Less: Advance Procurement (PY)		(-44,941)				U
			-----	-----	-----	-----	
			1,839,918	1,503,547		1,503,547	
2	F/A-18E/F (Fighter) Hornet	A	(207,391)				U
	Less: Advance Procurement (PY)		(-27,335)				U
			-----	-----	-----	-----	
			180,056				
3	Joint Strike Fighter CV	A	4 (1,059,114)	4 (927,568)		4 (927,568)	U
	Less: Advance Procurement (PY)		(-30,699)	(-79,016)		(-79,016)	U
			-----	-----	-----	-----	
			1,028,415	848,552		848,552	
4	Joint Strike Fighter CV						
	Advance Procurement (CY)		79,016	29,400		29,400	U
5	JSF STOVL		6 (1,270,309)	6 (1,287,605)		6 (1,287,605)	U
	Less: Advance Procurement (PY)		(-98,061)	(-103,195)		(-103,195)	U
			-----	-----	-----	-----	
			1,172,248	1,184,410		1,184,410	
6	JSF STOVL						
	Advance Procurement (CY)		103,195	143,885		143,885	U
7	CH-53K (Heavy Lift)						
	Advance Procurement (CY)						U
8	V-22 (Medium Lift)		19 (1,443,407)	19 (1,540,459)		19 (1,540,459)	U
	Less: Advance Procurement (PY)		(-86,258)	(-59,359)		(-59,359)	U
			-----	-----	-----	-----	
			1,357,149	1,481,100		1,481,100	
9	V-22 (Medium Lift)						
	Advance Procurement (CY)		53,113	45,920		45,920	U

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

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Department of the Navy  
 FY 2016 President's Budget  
 Exhibit P-1 FY 2016 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

09 Jan 2015

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base Quantity	Cost	FY 2016 OCO Quantity	Cost	FY 2016 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
Budget Activity 01: Combat Aircraft									
-----									
Combat Aircraft									
1	EA-18G	B							U
	Less: Advance Procurement (PY)								U
			-----		-----		-----		
2	F/A-18E/F (Fighter) Hornet	A							U
	Less: Advance Procurement (PY)								U
			-----		-----		-----		
3	Joint Strike Fighter CV	A	4	(926,942)			4	(926,942)	U
	Less: Advance Procurement (PY)			(-29,400)				(-29,400)	U
				-----				-----	
				897,542				897,542	
4	Joint Strike Fighter CV								
	Advance Procurement (CY)			48,630				48,630	U
5	JSF STOVL		9	(1,627,299)			9	(1,627,299)	U
	Less: Advance Procurement (PY)			(-143,885)				(-143,885)	U
				-----				-----	
				1,483,414				1,483,414	
6	JSF STOVL								
	Advance Procurement (CY)			203,060				203,060	U
7	CH-53K (Heavy Lift)								
	Advance Procurement (CY)			41,300				41,300	U
8	V-22 (Medium Lift)		19	(1,503,863)			19	(1,503,863)	U
	Less: Advance Procurement (PY)			(-67,508)				(-67,508)	U
				-----				-----	
				1,436,355				1,436,355	
9	V-22 (Medium Lift)								
	Advance Procurement (CY)			43,853				43,853	U

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Department of the Navy  
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09 Jan 2015

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 (Base & OCO) Quantity Cost	FY 2015 Base Enacted Quantity Cost	FY 2015 OCO Enacted Quantity Cost	FY 2015 Total Enacted Quantity Cost	S e c
10	H-1 Upgrades (UH-1Y/AH-1Z) Less: Advance Procurement (PY)	A	22 (664,928) (-64,311) ----- 600,617	27 (869,057) (-60,000) ----- 809,057	1 (30,000) ----- 30,000	28 (899,057) (-60,000) ----- 839,057	U U
11	H-1 Upgrades (UH-1Y/AH-1Z) Advance Procurement (CY)		60,000	63,354		63,354	U
12	MH-60S (MYP) Less: Advance Procurement (PY)	A	18 (432,774) (-67,856) ----- 364,918	8 (218,026) (-35,886) ----- 182,140		8 (218,026) (-35,886) ----- 182,140	U U
13	MH-60S (MYP) Advance Procurement (CY)		30,790				U
14	MH-60R (MYP) Less: Advance Procurement (PY)	A	19 (704,319) (-137,486) ----- 566,833	29 (1,074,531) (-197,830) ----- 876,701		29 (1,074,531) (-197,830) ----- 876,701	U U
15	MH-60R (MYP) Advance Procurement (CY)		212,820	106,686		106,686	U
16	P-8A Poseidon Less: Advance Procurement (PY)	A	16 (3,183,543) (-300,679) ----- 2,882,864	9 (2,283,803) (-161,116) ----- 2,122,687		9 (2,283,803) (-161,116) ----- 2,122,687	U U
17	P-8A Poseidon Advance Procurement (CY)		313,160	48,457		48,457	U
18	E-2D Adv Hawkeye Less: Advance Procurement (PY)	A	5 (1,068,588) (-123,016) ----- 945,572	5 (1,044,691) (-125,500) ----- 919,191		5 (1,044,691) (-125,500) ----- 919,191	U U
19	E-2D Adv Hawkeye Advance Procurement (CY)		263,623	225,765		225,765	U
Total Combat Aircraft			12,054,307	10,590,852	30,000	10,620,852	

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Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base Quantity	Cost	FY 2016 OCO Quantity	Cost	FY 2016 Total Quantity	Cost	S e c
10	H-1 Upgrades (UH-1Y/AH-1Z)	A	28	(863,411)			28	(863,411)	U
	Less: Advance Procurement (PY)			(-63,354)				(-63,354)	U
				800,057				800,057	
11	H-1 Upgrades (UH-1Y/AH-1Z)			56,168				56,168	U
	Advance Procurement (CY)								
12	MH-60S (MYP)	A		(28,232)				(28,232)	U
	Less: Advance Procurement (PY)								U
				28,232				28,232	
13	MH-60S (MYP)								U
	Advance Procurement (CY)								
14	MH-60R (MYP)	A	29	(1,185,423)			29	(1,185,423)	U
	Less: Advance Procurement (PY)			(-215,432)				(-215,432)	U
				969,991				969,991	
15	MH-60R (MYP)								U
	Advance Procurement (CY)								
16	P-8A Poseidon	A	16	(3,196,221)			16	(3,196,221)	U
	Less: Advance Procurement (PY)			(-187,293)				(-187,293)	U
				3,008,928				3,008,928	
17	P-8A Poseidon			269,568				269,568	U
	Advance Procurement (CY)								
18	E-2D Adv Hawkeye	A	5	(1,032,831)			5	(1,032,831)	U
	Less: Advance Procurement (PY)			(-175,177)				(-175,177)	U
				857,654				857,654	
19	E-2D Adv Hawkeye			195,336				195,336	U
	Advance Procurement (CY)								
Total Combat Aircraft				10,340,088				10,340,088	

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Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 (Base & OCO) Quantity Cost	FY 2015 Base Enacted Quantity Cost	FY 2015 OCO Enacted Quantity Cost	FY 2015 Total Enacted Quantity Cost	S e c
----	-----	-----	-----	-----	-----	-----	-
Budget Activity 03: Trainer Aircraft							
-----							
Trainer Aircraft							
20	JPATS	A	29 249,080				U
			-----	-----	-----	-----	
Total Trainer Aircraft			249,080				
Budget Activity 04: Other Aircraft							
-----							
Other Aircraft							
21	KC-130J	A	1 (79,673)	1 (106,905)		1 (106,905)	U
Less: Advance Procurement (PY)			(-10,615)	(-14,615)		(-14,615)	U
			-----	-----	-----	-----	
			69,058	92,290		92,290	
22	KC-130J						
Advance Procurement (CY)			32,288				U
23	MQ-4 Triton*	A					U
Less: Advance Procurement (PY)							U
			-----	-----	-----	-----	
24	MQ-4 Triton						
Advance Procurement (CY)				67,670		67,670	U
25	MQ-8 UAV	B	2 74,080	2 39,663	3 70,000	5 109,663	U
26	STUASLO UAV				3 55,000	3 55,000	U
27	Other Support Aircraft		1 14,958				U
			-----	-----	-----	-----	
Total Other Aircraft			190,384	199,623	125,000	324,623	

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\* Reflects a FY 2013 Congressional rescission of Advance Procurement for MQ-4 Triton.

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Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base Quantity	Cost	FY 2016 OCO Quantity	Cost	FY 2016 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
Budget Activity 03: Trainer Aircraft									
-----									
Trainer Aircraft									
20	JPATS	A	8,914				8,914		U
			-----		-----		-----		
Total Trainer Aircraft			8,914				8,914		
Budget Activity 04: Other Aircraft									
-----									
Other Aircraft									
21	KC-130J	A	2	(208,502)			2	(208,502)	U
	Less: Advance Procurement (PY)			(-16,288)				(-16,288)	U
			-----		-----		-----		
			192,214				192,214		
22	KC-130J			24,451				24,451	U
	Advance Procurement (CY)								
23	MQ-4 Triton*	A	3	(561,929)			3	(561,929)	U
	Less: Advance Procurement (PY)			(-67,670)				(-67,670)	U
			-----		-----		-----		
			494,259				494,259		
24	MQ-4 Triton			54,577				54,577	U
	Advance Procurement (CY)								
25	MQ-8 UAV	B	2	120,020			2	120,020	U
26	STUASLO UAV		3,450		3	55,000	3	58,450	U
27	Other Support Aircraft								U
			-----		-----		-----		
Total Other Aircraft			888,971		55,000		943,971		

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

\* Reflects a FY 2013 Congressional rescission of Advance Procurement for MQ-4 Triton.

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Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 (Base & OCO) Quantity Cost	FY 2015 Base Enacted Quantity Cost	FY 2015 OCO Enacted Quantity Cost	FY 2015 Total Enacted Quantity Cost	S e c
----	-----	-----	-----	-----	-----	-----	-
Budget Activity 05: Modification of Aircraft							
-----							
Modification of Aircraft							
28	EA-6 Series	A	17,367	10,993		10,993	U
29	AEA Systems		44,802	44,768		44,768	U
30	AV-8 Series	A	96,712	61,722		61,722	U
31	Adversary	A	2,992	4,918		4,918	U
32	F-18 Series	A	755,974	705,830		705,830	U
33	H-46 Series	A	2,033	480		480	U
34	H-53 Series	A	53,172	36,619		36,619	U
35	SH-60 Series	A	120,771	101,064		101,064	U
36	H-1 Series	A	41,509	42,273		42,273	U
37	EP-3 Series	A	108,776	32,890	34,955	67,845	U
38	P-3 Series	A	36,530	2,823		2,823	U
39	E-2 Series	A	26,098	21,208		21,208	U
40	Trainer A/C Series	A	4,166	12,608		12,608	U
41	C-2A	A	885				U
42	C-130 Series	A	46,325	35,522		35,522	U
43	FEWSG	A	665	640		640	U
44	Cargo/Transport A/C Series	A	17,487	4,035		4,035	U
45	E-6 Series	A	157,528	202,129		202,129	U
46	Executive Helicopters Series	A	65,537	68,128		68,128	U

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Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base Quantity	Cost	FY 2016 OCO Quantity	Cost	FY 2016 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
Budget Activity 05: Modification of Aircraft									
-----									
Modification of Aircraft									
28	EA-6 Series	A		9,799			9,799		U
29	AEA Systems			23,151			23,151		U
30	AV-8 Series	A		41,890		41,365	83,255		U
31	Adversary	A		5,816			5,816		U
32	F-18 Series	A		978,756		8,000	986,756		U
33	H-46 Series	A							U
34	H-53 Series	A		46,887			46,887		U
35	SH-60 Series	A		107,728			107,728		U
36	H-1 Series	A		42,315			42,315		U
37	EP-3 Series	A		41,784		6,300	48,084		U
38	P-3 Series	A		3,067			3,067		U
39	E-2 Series	A		20,741			20,741		U
40	Trainer A/C Series	A		27,980			27,980		U
41	C-2A	A		8,157			8,157		U
42	C-130 Series	A		70,335			70,335		U
43	FEWSG	A		633			633		U
44	Cargo/Transport A/C Series	A		8,916			8,916		U
45	E-6 Series	A		185,253			185,253		U
46	Executive Helicopters Series	A		76,138			76,138		U

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

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Department of the Navy  
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Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 (Base & OCO) Quantity Cost	FY 2015 Base Enacted Quantity Cost	FY 2015 OCO Enacted Quantity Cost	FY 2015 Total Enacted Quantity Cost	S e c
----	-----	-----	-----	-----	-----	-----	-----
47	Special Project Aircraft	A	17,059	21,317	2,548	23,865	U
48	T-45 Series	A	93,086	90,052		90,052	U
49	Power Plant Changes	A	21,871	19,094		19,094	U
50	JPATS Series	A	1,576	1,085		1,085	U
51	Common ECM Equipment	A	178,610	152,744	31,920	184,664	U
52	Common Avionics Changes	A	117,594	153,067		153,067	U
53	Common Defensive Weapon System	A	4,254	1,958		1,958	U
54	ID Systems	A	38,303	38,880		38,880	U
55	P-8 Series		9,485	29,797		29,797	U
56	MAGTF EW for Aviation	A	34,131	14,770		14,770	U
57	MQ-8 Series			8,741		8,741	U
58	RQ-7 Series		20,417				U
59	V-22 (Tilt/Rotor ACFT) Osprey	B	129,148	129,155		129,155	U
60	F-35 STOVL Series	A	111,158	215,819		215,819	U
61	F-35 CV Series	A	29,950	20,502		20,502	U
62	QRC	A					U
			-----	-----	-----	-----	
	Total Modification of Aircraft		2,405,971	2,285,631	69,423	2,355,054	
Budget Activity 06: Aircraft Spares and Repair Parts							
-----							
Aircraft Spares and Repair Parts							
			-----	-----	-----	-----	
	63 Spares and Repair Parts	A	1,087,330	1,208,651	18,000	1,226,651	U
			-----	-----	-----	-----	
	Total Aircraft Spares and Repair Parts		1,087,330	1,208,651	18,000	1,226,651	

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Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base Quantity	Cost	FY 2016 OCO Quantity	Cost	FY 2016 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
47	Special Project Aircraft	A		23,702		14,198		37,900	U
48	T-45 Series	A		105,439				105,439	U
49	Power Plant Changes	A		9,917				9,917	U
50	JPATS Series	A		13,537				13,537	U
51	Common ECM Equipment	A		131,732		72,700		204,432	U
52	Common Avionics Changes	A		202,745		13,988		216,733	U
53	Common Defensive Weapon System	A		3,062				3,062	U
54	ID Systems	A		48,206				48,206	U
55	P-8 Series			28,492				28,492	U
56	MAGTF EW for Aviation	A		7,680				7,680	U
57	MQ-8 Series			22,464				22,464	U
58	RQ-7 Series			3,773				3,773	U
59	V-22 (Tilt/Rotor ACFT) Osprey	B		121,208		4,900		126,108	U
60	F-35 STOVL Series	A		256,106				256,106	U
61	F-35 CV Series	A		68,527				68,527	U
62	QRC	A		6,885				6,885	U
				-----		-----		-----	
	Total Modification of Aircraft			2,752,821		161,451		2,914,272	
Budget Activity 06: Aircraft Spares and Repair Parts									
-----									
Aircraft Spares and Repair Parts									
63	Spares and Repair Parts	A		1,563,515				1,563,515	U
				-----		-----		-----	
	Total Aircraft Spares and Repair Parts			1,563,515				1,563,515	

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

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Department of the Navy  
 FY 2016 President's Budget  
 Exhibit P-1 FY 2016 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

09 Jan 2015

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2014 (Base & OCO) Quantity Cost	FY 2015 Base Enacted Quantity Cost	FY 2015 OCO Enacted Quantity Cost	FY 2015 Total Enacted Quantity Cost	S e c
----	-----	-----	-----	-----	-----	-----	-
Budget Activity 07: Aircraft Support Equip & Facilities							
-----							
Aircraft Support Equip & Facilities							
64	Common Ground Equipment	A	359,068	366,359		366,359	U
65	Aircraft Industrial Facilities	A	24,250	23,843	936	24,779	U
66	War Consumables	A	28,930	15,939		15,939	U
67	Other Production Charges	A	5,268	5,630		5,630	U
68	Special Support Equipment	A	41,506	60,339		60,339	U
69	First Destination Transportation	A	1,775	1,168		1,168	U
70	Cancelled Account Adjustments	A	513				U
			-----	-----	-----	-----	
Total Aircraft Support Equip & Facilities			461,310	473,278	936	474,214	
			-----	-----	-----	-----	
Total Aircraft Procurement, Navy			16,448,382	14,758,035	243,359	15,001,394	

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Department of the Navy  
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 Exhibit P-1 FY 2016 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

09 Jan 2015

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base Quantity	Cost	FY 2016 OCO Quantity	Cost	FY 2016 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
Budget Activity 07: Aircraft Support Equip & Facilities									
-----									
Aircraft Support Equip & Facilities									
64	Common Ground Equipment	A	450,959				450,959		U
65	Aircraft Industrial Facilities	A	24,010		943		24,953		U
66	War Consumables	A	42,012				42,012		U
67	Other Production Charges	A	2,455				2,455		U
68	Special Support Equipment	A	50,859				50,859		U
69	First Destination Transportation	A	1,801				1,801		U
70	Cancelled Account Adjustments	A							U
Total Aircraft Support Equip & Facilities			572,096		943		573,039		
Total Aircraft Procurement, Navy			16,126,405		217,394		16,343,799		

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2	01	01	0145	FA-18E/F.....	Volume 1 - 11
3	01	01	0147	Joint Strike Fighter CV.....	Volume 1 - 19
4	01	01	0147	Joint Strike Fighter CV, Advance Procurement.....	Volume 1 - 31
5	01	01	0152	JSF STOVL.....	Volume 1 - 35
6	01	01	0152	JSF STOVL, Advance Procurement.....	Volume 1 - 47
7	01	01	0158	CH-53K (Heavy Lift), Advance Procurement.....	Volume 1 - 51
8	01	01	0164	V-22 (Medium Lift).....	Volume 1 - 55
9	01	01	0164	V-22 (Medium Lift), Advance Procurement.....	Volume 1 - 73
10	01	01	0178	UH-1Y/AH-1Z.....	Volume 1 - 77
11	01	01	0178	UH-1Y/AH-1Z, Advance Procurement.....	Volume 1 - 99
12	01	01	0179	MH-60S (MYP).....	Volume 1 - 105
13	01	01	0179	MH-60S (MYP), Advance Procurement.....	Volume 1 - 113
14	01	01	0182	MH-60R.....	Volume 1 - 117
15	01	01	0182	MH-60R, Advance Procurement.....	Volume 1 - 127
16	01	01	0193	P-8A Poseidon.....	Volume 1 - 131

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18	01	01	0195	E-2D AHE.....	Volume 1 - 147
19	01	01	0195	E-2D AHE, Advance Procurement.....	Volume 1 - 159

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22	04	01	0416	KC-130J, Advance Procurement.....	Volume 1 - 185
23	04	01	0442	MQ-4 TRITON.....	Volume 1 - 189
24	04	01	0442	MQ-4 TRITON, Advance Procurement.....	Volume 1 - 197

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27	04	01	0465	Other Support Aircraft.....	Volume 1 - 221

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30	05	01	0514	AV-8 Series.....	Volume 2 - 31
31	05	01	0522	Adversary.....	Volume 2 - 61
32	05	01	0525	F-18 Series.....	Volume 2 - 73
33	05	01	0526	H-46 Series.....	Volume 2 - 199
34	05	01	0528	H-53 Series.....	Volume 2 - 209
35	05	01	0530	SH-60 Series.....	Volume 2 - 271
36	05	01	0532	H-1 Series.....	Volume 2 - 319
37	05	01	0537	EP-3 Series.....	Volume 2 - 349

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41	05	01	0556	C-2A.....	Volume 2 - 483
42	05	01	0560	C-130 Series.....	Volume 2 - 497
43	05	01	0561	Flt Elect Wrfr Supt Grp (FEWSG).....	Volume 2 - 527
44	05	01	0562	Cargo/Transport Acft Series.....	Volume 2 - 533
45	05	01	0564	E-6 Series.....	Volume 2 - 557
46	05	01	0566	Executive Helicopters Series.....	Volume 2 - 621
47	05	01	0567	Special Project Acft.....	Volume 2 - 665
48	05	01	0569	T-45 Series.....	Volume 2 - 677
49	05	01	0570	Power Plant Changes.....	Volume 2 - 719
50	05	01	0571	JT Primary Acft Trnr Sys (JPATS).....	Volume 2 - 725
51	05	01	0576	Common ECM Equipment.....	Volume 2 - 739
52	05	01	0577	Common Avionics Changes.....	Volume 2 - 773
53	05	01	0581	Common Defensive Weapon System.....	Volume 2 - 813
54	05	01	0582	ID Sys.....	Volume 2 - 821
55	05	01	0586	P-8 Series.....	Volume 2 - 829

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57	05	01	0588	MQ-8 Series.....	Volume 2 - 865
58	05	01	0589	RQ-7 Series.....	Volume 2 - 877
59	05	01	0590	V-22 (Tilt/Rotor Acft) Osprey.....	Volume 2 - 883
60	05	01	0592	F-35 STOVL Series.....	Volume 2 - 927
61	05	01	0593	F-35 CV Series.....	Volume 2 - 947
62	05	01	0595	QRC.....	Volume 2 - 967

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66	07	01	0720	War Consumables.....	Volume 4 - 67
67	07	01	0725	Other Production Charges.....	Volume 4 - 79
68	07	01	0735	Special Support Equipment.....	Volume 4 - 83
69	07	01	0740	First Destination Transportation.....	Volume 4 - 85

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AEA Systems	0513	29	05	01.....	Volume 2 - 17
AV-8 Series	0514	30	05	01.....	Volume 2 - 31
Adversary	0522	31	05	01.....	Volume 2 - 61
Aircraft Industrial Facilities	0715	65	07	01.....	Volume 4 - 61
C-130 Series	0560	42	05	01.....	Volume 2 - 497
C-2A	0556	41	05	01.....	Volume 2 - 483
CH-53K (Heavy Lift), Advance Procurement	0158	7	01	01.....	Volume 1 - 51
Cargo/Transport Acft Series	0562	44	05	01.....	Volume 2 - 533
Common Avionics Changes	0577	52	05	01.....	Volume 2 - 773
Common Defensive Weapon System	0581	53	05	01.....	Volume 2 - 813
Common ECM Equipment	0576	51	05	01.....	Volume 2 - 739
Common Ground Equipment	0705	64	07	01.....	Volume 4 - 1
E-2 Series	0544	39	05	01.....	Volume 2 - 413
E-2D AHE	0195	18	01	01.....	Volume 1 - 147
E-2D AHE, Advance Procurement	0195	19	01	01.....	Volume 1 - 159
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Executive Helicopters Series	0566	46	05	01.....	Volume 2 - 621
F-18 Series	0525	32	05	01.....	Volume 2 - 73
F-35 CV Series	0593	61	05	01.....	Volume 2 - 947
F-35 STOVL Series	0592	60	05	01.....	Volume 2 - 927
FA-18E/F	0145	2	01	01.....	Volume 1 - 11
First Destination Transportation	0740	69	07	01.....	Volume 4 - 85
Flt Elect Wrfr Supt Grp (FEWSG)	0561	43	05	01.....	Volume 2 - 527
H-1 Series	0532	36	05	01.....	Volume 2 - 319
H-46 Series	0526	33	05	01.....	Volume 2 - 199
H-53 Series	0528	34	05	01.....	Volume 2 - 209
ID Sys	0582	54	05	01.....	Volume 2 - 821
JSF STOVL	0152	5	01	01.....	Volume 1 - 35
JSF STOVL, Advance Procurement	0152	6	01	01.....	Volume 1 - 47
JT Primary Acft Trnr Sys (JPATS)	0339	20	03	01.....	Volume 1 - 163
JT Primary Acft Trnr Sys (JPATS)	0571	50	05	01.....	Volume 2 - 725
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MH-60R, Advance Procurement	0182	15	01	01.....	Volume 1 - 127
MH-60S (MYP)	0179	12	01	01.....	Volume 1 - 105
MH-60S (MYP), Advance Procurement	0179	13	01	01.....	Volume 1 - 113
MQ-4 TRITON	0442	23	04	01.....	Volume 1 - 189
MQ-4 TRITON, Advance Procurement	0442	24	04	01.....	Volume 1 - 197
MQ-8 Series	0588	57	05	01.....	Volume 2 - 865
MQ-8 UAV	0443	25	04	01.....	Volume 1 - 201
Other Production Charges	0725	67	07	01.....	Volume 4 - 79
Other Support Aircraft	0465	27	04	01.....	Volume 1 - 221
P-3 Series	0538	38	05	01.....	Volume 2 - 371
P-8 Series	0586	55	05	01.....	Volume 2 - 829
P-8A Poseidon	0193	16	01	01.....	Volume 1 - 131
P-8A Poseidon, Advance Procurement	0193	17	01	01.....	Volume 1 - 143
Power Plant Changes	0570	49	05	01.....	Volume 2 - 719
QRC	0595	62	05	01.....	Volume 2 - 967
RQ-7 Series	0589	58	05	01.....	Volume 2 - 877
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Special Project Acft	0567	47	05	01.....	Volume 2 - 665
Special Support Equipment	0735	68	07	01.....	Volume 4 - 83
T-45 Series	0569	48	05	01.....	Volume 2 - 677
Trainer Acft Series	0549	40	05	01.....	Volume 2 - 465
UH-1Y/AH-1Z	0178	10	01	01.....	Volume 1 - 77
UH-1Y/AH-1Z, Advance Procurement	0178	11	01	01.....	Volume 1 - 99
V-22 (Medium Lift)	0164	8	01	01.....	Volume 1 - 55
V-22 (Medium Lift), Advance Procurement	0164	9	01	01.....	Volume 1 - 73
V-22 (Tilt/Rotor Acft) Osprey	0590	59	05	01.....	Volume 2 - 883
War Consumables	0720	66	07	01.....	Volume 4 - 67

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3	01	01	0147	Joint Strike Fighter CV.....	Volume 1 - 19
4	01	01	0147	Joint Strike Fighter CV, Advance Procurement.....	Volume 1 - 31
5	01	01	0152	JSF STOVL.....	Volume 1 - 35
6	01	01	0152	JSF STOVL, Advance Procurement.....	Volume 1 - 47
7	01	01	0158	CH-53K (Heavy Lift), Advance Procurement.....	Volume 1 - 51
8	01	01	0164	V-22 (Medium Lift).....	Volume 1 - 55
9	01	01	0164	V-22 (Medium Lift), Advance Procurement.....	Volume 1 - 73
10	01	01	0178	UH-1Y/AH-1Z.....	Volume 1 - 77
11	01	01	0178	UH-1Y/AH-1Z, Advance Procurement.....	Volume 1 - 99
12	01	01	0179	MH-60S (MYP).....	Volume 1 - 105
13	01	01	0179	MH-60S (MYP), Advance Procurement.....	Volume 1 - 113
14	01	01	0182	MH-60R.....	Volume 1 - 117
15	01	01	0182	MH-60R, Advance Procurement.....	Volume 1 - 127
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26	04	01	0444	STUASLO.....	Volume 1 - 213
27	04	01	0465	Other Support Aircraft.....	Volume 1 - 221

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E-2D AHE	0195	18	01	01.....	Volume 1 - 147
E-2D AHE, Advance Procurement	0195	19	01	01.....	Volume 1 - 159
EA-18G	0143	1	01	01.....	Volume 1 - 1
FA-18E/F	0145	2	01	01.....	Volume 1 - 11
JSF STOVL	0152	5	01	01.....	Volume 1 - 35
JSF STOVL, Advance Procurement	0152	6	01	01.....	Volume 1 - 47
JT Primary Acft Trnr Sys (JPATS)	0339	20	03	01.....	Volume 1 - 163
Joint Strike Fighter CV	0147	3	01	01.....	Volume 1 - 19
Joint Strike Fighter CV, Advance Procurement	0147	4	01	01.....	Volume 1 - 31
KC-130J	0416	21	04	01.....	Volume 1 - 173
KC-130J, Advance Procurement	0416	22	04	01.....	Volume 1 - 185
MH-60R	0182	14	01	01.....	Volume 1 - 117
MH-60R, Advance Procurement	0182	15	01	01.....	Volume 1 - 127
MH-60S (MYP)	0179	12	01	01.....	Volume 1 - 105
MH-60S (MYP), Advance Procurement	0179	13	01	01.....	Volume 1 - 113
MQ-4 TRITON	0442	23	04	01.....	Volume 1 - 189

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MQ-8 UAV	0443	25	04	01.....	Volume 1 - 201
Other Support Aircraft	0465	27	04	01.....	Volume 1 - 221
P-8A Poseidon	0193	16	01	01.....	Volume 1 - 131
P-8A Poseidon, Advance Procurement	0193	17	01	01.....	Volume 1 - 143
STUASLO	0444	26	04	01.....	Volume 1 - 213
UH-1Y/AH-1Z	0178	10	01	01.....	Volume 1 - 77
UH-1Y/AH-1Z, Advance Procurement	0178	11	01	01.....	Volume 1 - 99
V-22 (Medium Lift)	0164	8	01	01.....	Volume 1 - 55
V-22 (Medium Lift), Advance Procurement	0164	9	01	01.....	Volume 1 - 73

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy										<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft							<b>P-1 Line Item Number / Title:</b> 0143 / EA-18G					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b> 0204154N				<b>Other Related Program Elements:</b> 0204136N, 0604270N, 0604269N				
<b>Line Item MDAP/MAIS Code:</b> 378		<b>Item MDAP/MAIS Code(s):</b>										
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	114	21	15	-	-	-	-	-	-	-	-	150
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	11,991.931	1,884.859	1,503.547	-	-	-	-	-	-	-	-	15,380.337
Less PY Advance Procurement ( <i>\$ in Millions</i> )	248.686	44.941	-	-	-	-	-	-	-	-	-	293.627
Net Procurement (P1) ( <i>\$ in Millions</i> )	11,743.245	1,839.918	1,503.547	-	-	-	-	-	-	-	-	15,086.710
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	293.627	-	-	-	-	-	-	-	-	-	-	293.627
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>12,036.872</b>	<b>1,839.918</b>	<b>1,503.547</b>	-	-	-	-	-	-	-	-	<b>15,380.337</b>
<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> )	-	10.203	-	-	-	-	-	-	-	-	-	10.203
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	98,405.763	72,276.667	86,890.467	-	-	-	-	-	-	-	-	93,596.160
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	105,192.377	89,755.190	100,236.467	-	-	-	-	-	-	-	-	102,535.580
<b>Description:</b> The EA-18G is replacing the EA-6B aircraft. The EA-18G has the capability to operate autonomously or as a major node in a network centric operation. The performance of the aircraft is compatible with the primary strike/fighter aircraft inventory, allowing it to be fully integrated into specific strike packages. It also has the capacity to provide broad area coverage for extended periods of time to support numerous strikes or other air operations in a federated context. The EA-18G is a scalable, flexible solution facilitating "Task Organized" force structures. Task organized force structures employ adequate forces to accomplish a specific task while maintaining operational and personnel tempo at acceptable levels. The EA-18G is designed to perform a range of Electronic Warfare/Electronic Attack functions either simultaneously or independently. EA-18G man in the loop operation and advanced information display system allow real time assessment of the tactical situation and the appropriate response executed in accordance with the rules of engagement. The EA-18G's electronic attack upgrades meet or exceed EA-6B Airborne (with ALQ-218, ALQ-99, USQ-113) Electronic Attack capability to detect, identify, locate and suppress hostile emitters; provide enhanced connectivity to National, Theater and strike assets; and provide organic precision emitter targeting for employment of onboard suppression weapons to fulfill operational requirements.												

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy							<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0143 / EA-18G			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b> 0204154N			<b>Other Related Program Elements:</b> 0204136N, 0604270N, 0604269N		
<b>Line Item MDAP/MAIS Code:</b> 378		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / EA-18G	P-5, P-5a, P-21		114 / 11,991.931	21 / 1,884.859	15 / 1,503.547	- / -	- / -	- / -
<b>Total Gross/Weapon System Cost</b>			<b>114 / 11,991.931</b>	<b>21 / 1,884.859</b>	<b>15 / 1,503.547</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								
<p><b>Justification:</b>            Since the EA-18G is a modified F/A-18F, some support costs are common and more efficiently executed out of one budget line. These common costs are budgeted in the F/A-18 E/F budget line.</p> <p>The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack (AEA) kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION. The 3 EA-18G Growler airframes and AEA kit quantities are noted in the PB14 FY13 EA-18G Budget as Lot 37A on the Boeing contract. A deobligation of \$27 million on the FY13 EA-18G Growler Boeing MYPH Lot 37 airframe contract was authorized to re-allocate for the procurement of the engines, engines accessories, Government Furnished Equipment (GFE) Electronics, Other GFE and Ancillary Equipment to support the 3 EA-18G.</p> <p>The FY15 Peculiar Ground Support Equipment funding is part of an on-going Total Ownership Cost (TOC) initiative that provided funding for EA-18G I-level maintenance. The FY15 funding will be used for EA-18G Depot Standup. This effort establishes depot capability for repair of the Airborne Electronic Attack system to include ALQ-218, ALQ-227, Interference Cancellation System (INCANS), and Electronic Attack Unit. This facilitates organic test and repair for Weapon Replaceable Assemblies and Shop Replaceable Assemblies. This investment has reduced Airborne Electronic Attack system life cycle costs by \$1 Billion over the life of the program.</p> <p>FY15 Congressional Addition of 15 EA-18G for \$1.46 Billion</p>								

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0143 / EA-18G						Item Number / Title [DODIC]: 1 / EA-18G					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				114		21		15		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				11,991.931		1,884.859		1,503.547		-		-		-				
Less PY Advance Procurement <i>(\$ in Millions)</i>				248.686		44.941		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>				11,743.245		1,839.918		1,503.547		-		-		-				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				293.627		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>				12,036.872		1,839.918		1,503.547		-		-		-				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		10.203		-		-		-		-				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				105,192.377		89,755.190		100,236.467		-		-		-				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(†)</sup> (1)	34,412.952	126	4,336.032	46,140.857	21	968.958	51,539.067	15	773.086	-	-	-	-	-	-	-	-	-
1.1.2) CFE Electronics (2)	18,614.105	114	2,122.008	12,163.667	21	255.437	16,431.000	15	246.465	-	-	-	-	-	-	-	-	-
1.1.3) GFE Electronics (3)	1,569.043	117	183.578	1,769.381	21	37.157	1,949.333	15	29.240	-	-	-	-	-	-	-	-	-
1.1.4) Engines/Eng Acc <sup>(†)</sup> (4)	15,373.101	258	3,966.260	3,763.238	42	158.056	5,284.733	30	158.542	-	-	-	-	-	-	-	-	-
1.1.5) Armament	-	-	0.539	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.6) Other GFE <sup>(5)</sup>	705.043	117	82.490	851.333	21	17.878	922.200	15	13.833	-	-	-	-	-	-	-	-	-
1.1.7) Rec Flyaway ECO	654.000	114	74.556	587.143	21	12.330	1,359.400	15	20.391	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	10,765.463	-	-	1,449.816	-	-	1,241.557	-	-	-	-	-	-	-	-	-
Non Recurring Cost																		
1.2.1) Non-Recur Cost	-	-	94.335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2.2) Ancillary Equip (6)	-	-	358.459	-	-	67.994	-	-	61.800	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	452.794	-	-	67.994	-	-	61.800	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost	-	-	11,218.257	-	-	1,517.810	-	-	1,303.357	-	-	-	-	-	-	-	-	-
Support Cost																		

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0143 / EA-18G							Item Number / Title [DODIC]: 1 / EA-18G					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.1) Airframe PGSE	-	-	31.025	-	-	16.759	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Engine PGSE	-	-	1.229	-	-	1.251	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Avionics PGSE <sup>(7)</sup>	-	-	225.487	-	-	75.228	-	-	43.547	-	-	-	-	-	-	-	-	-
2.4) Pec Trng Eq	-	-	137.617	-	-	-	-	-	1.068	-	-	-	-	-	-	-	-	-
2.5) Pub/Tech Eq	-	-	22.576	-	-	6.089	-	-	-	-	-	-	-	-	-	-	-	-
2.6) Prod Eng Supt <sup>(8)</sup>	-	-	261.807	-	-	157.213	-	-	85.721	-	-	-	-	-	-	-	-	-
2.7) Other ILS <sup>(9)</sup>	-	-	93.933	-	-	110.509	-	-	69.854	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost	-	-	773.674	-	-	367.049	-	-	200.190	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	105,192.377	114	11,991.931	89,755.190	21	1,884.859	100,236.467	15	1,503.547	-	-	-	-	-	-	-	-	-

(t) indicates the presence of a P-5a

**Footnotes:**

<sup>(1)</sup> Airframe/CFE: The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION.

<sup>(2)</sup> CFE Electronics: Airframe (line 1) and CFE (line 2) are combined as one negotiated average unit price. The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION.

<sup>(3)</sup> GFE Electronics: FY13 includes all the GFE Electronics for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement.

<sup>(4)</sup> Engines/Eng Acc: FY13 includes six (6) engines and engines accessories for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement.

<sup>(5)</sup> Other GFE: FY13 includes all the Other GFE for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement.

<sup>(6)</sup> Ancillary Equipment: FY13 includes all the Ancillary Equipment for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement.

<sup>(7)</sup> Avionics PGSE: FY15 is for depot capability for repair of the Airborne Electronic Attack system to include ALQ-218, ALQ-227, Interference Cancellation System, and Electronic Attack Unit. This facilitates organic test and repair for Weapon Replaceable Assemblies and Shop Replaceable Assemblies. This investment has reduced Airborne Electronic Attack system life cycle costs by \$1 billion over the life of the program.

<sup>(8)</sup> Production Engineering Support: Per OSD direction, the F/A-18E/F and EA-18G APN-1 budgets were split during the OSD-05 budget development (October 2003) and as directed, all F/A-18E/F and EA-18G common support costs have been budgeted in the F/A-18E/F APN-1 budget. There are no FY14 F/A-18E/F procurements programmed; the increase to the EA-18G Production Engineering and Other Integrated Logistics Support cost elements reflect the full funding of all EA-18G costs necessary to support delivery of the programmed procurements.

<sup>(9)</sup> Integrated Logistics Support: Per OSD direction, the F/A-18E/F and EA-18G APN-1 budgets were split during the OSD-05 budget development (October 2003) and as directed, all F/A-18E/F and EA-18G common support costs have been budgeted in the F/A-18E/F APN-1 budget. There are no FY14 F/A-18E/F procurements programmed; the increase to the EA-18G Production Engineering and Other ILS cost elements reflect the full funding of all EA-18G costs necessary to support delivery of the programmed procurements.

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<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Navy							<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0143 / EA-18G				<b>Item Number / Title [DODIC]:</b> 1 / EA-18G				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2013 (10)	Boeing Co. / St. Louis, MO	SS / FPIF	NAVAIR	Nov 2012	Sep 2014	12	33,388.833	Y		
1.1.1) Airframe/CFE <sup>(†)</sup>		2014 (11)	Boeing Co. / St. Louis, MO	SS / FPIF	NAVAIR	Jun 2014	Apr 2016	21	46,140.857	Y		
1.1.1) Airframe/CFE <sup>(†)</sup>		2015 (12)	Boeing Co. / St. Louis, MO	SS / FPIF	NAVAIR	Mar 2015	May 2017	15	51,539.067	N		
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2013 (13)	General Electric, Co. / Lynn, MA	SS / FFP	NAVAIR	Dec 2012	May 2014	30	4,225.033	N		
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2014	General Electric, Co. / Lynn, MA	SS / FFP	NAVAIR	Aug 2014	Sep 2015	42	3,763.238	N		
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2015 (14)	General Electric, Co. / Lynn, MA	SS / FPIF	NAVAIR	Mar 2015	May 2016	30	5,284.733	N		

<sup>(†)</sup> indicates the presence of a P-21

**Footnotes:**

<sup>(10)</sup> The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack (AEA) kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION. The FY13 3 EA-18G (Lot 37A) Airframes are expected to be delivered by November 2016.

<sup>(11)</sup> Breaks in deliveries are accomodated by the EA-18G Foreign Military Sales (FMS)/Royal Australian Air Force (RAAF) production deliveries.

<sup>(12)</sup> Notional Schedule.

<sup>(13)</sup> FY13 funds will be used to procure the six (6) engines and engines accessories for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement. The six (6) engines for the 3 EA-18G aircrafts are expected to be delivered by September 2016.

<sup>(14)</sup> Notional Schedule

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015											
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0143 / EA-18G													Item Number / Title [DODIC]: 1 / EA-18G											
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2013												Fiscal Year 2014															
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014												B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE <sup>(1)</sup>																																		
Prior Years Deliveries: 114																																		
	1	2013	NAVY	12	-	12		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	11		
	1	2014	NAVY	21 <sup>(15)</sup>	-	21																					A -	-	-	-		21		
	1	2015	NAVY	15 <sup>(16)</sup>	-	15																										15		
1.1.4) Engines/Eng Acc <sup>(4)</sup>																																		
Prior Years Deliveries: 228																																		
	2	2013	NAVY	30 <sup>(17)</sup>	-	30			A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	20		
	2	2014	NAVY	42	-	42																							A -	-		42		
	2	2015	NAVY	30 <sup>(18)</sup>	-	30																										30		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015										
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1											P-1 Line Item Number / Title: 0143 / EA-18G												Item Number / Title [DODIC]: 1 / EA-18G										
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2015												Fiscal Year 2016														
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015												Calendar Year 2016												B A L		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
1.1.1) Airframe/CFE <sup>(1)</sup>																																	
Prior Years Deliveries: 114																																	
	1	2013	NAVY	12	1	11	1	2	2	2	2	2																				-	
	1	2014	NAVY	21 <sup>(15)</sup>	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	3	2	3	7		
	1	2015	NAVY	15 <sup>(16)</sup>	-	15						A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
1.1.4) Engines/Eng Acc <sup>(4)</sup>																																	
Prior Years Deliveries: 228																																	
	2	2013	NAVY	30 <sup>(17)</sup>	10	20	2	3	3	3	3	3																				-	
	2	2014	NAVY	42	-	42	-	-	-	-	-	-	-	-	-	-	2	6	6	7	7	6	2	2	2	2					-		
	2	2015	NAVY	30 <sup>(18)</sup>	-	30						A -	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	4	4	4	12		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0143 / EA-18G													Item Number / Title [DODIC]: 1 / EA-18G									
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2017													Fiscal Year 2018												
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017													Calendar Year 2018												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
1.1.1) Airframe/CFE <sup>(1)</sup>																																
Prior Years Deliveries: 114																																
	1	2013	NAVY	12	12	-																								-		
	1	2014	NAVY	21 <sup>(15)</sup>	14	7	3	2	2																					-		
	1	2015	NAVY	15 <sup>(16)</sup>	-	15	-	-	-	-	-	1	2	2	2	2	2	2	2											-		
1.1.4) Engines/Eng Acc <sup>(4)</sup>																																
Prior Years Deliveries: 228																																
	2	2013	NAVY	30 <sup>(17)</sup>	30	-																								-		
	2	2014	NAVY	42	42	-																								-		
	2	2015	NAVY	30 <sup>(18)</sup>	18	12	4	4	4																					-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy								<b>Date:</b> February 2015			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1				<b>P-1 Line Item Number / Title:</b> 0143 / EA-18G				<b>Item Number / Title [DODIC]:</b> 1 / EA-18G			

MFR Ref #		Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Boeing Co. - St. Louis, MO	24	48	72	-	-	33	33	-	2	20	22
2	General Electric, Co. - Lynn, MA	84	120	144	-	-	27	27	-	5	24	29

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**Footnotes:**

<sup>(15)</sup> Breaks in deliveries are accomodated by the EA-18G Foreign Military Sales (FMS)/Royal Australian Air Force (RAAF) production deliveries. The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack (AEA) kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION. The 3 EA-18G (Lot 37A) Airframes are expected to be delivered by November 2016.

<sup>(16)</sup> Notional Schedule.

<sup>(17)</sup> FY13 funds will be used to procure the six (6) engines and engines accessories for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement. The six (6) engines for the 3 EA-18G aircrafts are expected to be delivered by September 2016.

<sup>(18)</sup> Notional Schedule.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy										<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft							<b>P-1 Line Item Number / Title:</b> 0145 / FA-18E/F					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b> 0204136N				<b>Other Related Program Elements:</b> 0604269N, 0305207N, 0604270N, 0204154N				
<b>Line Item MDAP/MAIS Code:</b> 000		<b>Item MDAP/MAIS Code(s):</b>										
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	563	-	-	-	-	-	-	-	-	-	-	563
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	45,869.887	180.391	-	-	-	-	-	-	-	-	-	46,050.278
Less PY Advance Procurement ( <i>\$ in Millions</i> )	1,614.220	0.335	-	-	-	-	-	-	-	-	-	1,614.555
Net Procurement (P1) ( <i>\$ in Millions</i> )	44,255.667	180.056	-	-	-	-	-	-	-	-	-	44,435.723
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	1,614.555	-	-	-	-	-	-	-	-	-	-	1,614.555
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>45,870.222</b>	<b>180.056</b>	-	-	-	-	-	-	-	-	-	<b>46,050.278</b>
<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>\$ in Thousands</i> )	69,784.197	-	-	-	-	-	-	-	-	-	-	69,784.197
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	81,474.044	-	-	-	-	-	-	-	-	-	-	81,794.455
<b>Description:</b> The F/A-18E/F Naval Strike Fighter is a twin-engine, mid-wing, multi-mission tactical aircraft. F/A-18E/F can be missionized through selected use of external equipment to accomplish specific fighter or attack missions. This capability allows the Operational Commander more flexibility in employing his tactical aircraft in a dynamic scenario. The primary design mission for the F/A-18E/F is a strike fighter which includes the traditional applications, such as fighter escort and fleet air defense, combined with the attack applications, such as interdiction and close air support. Since the same airframe systems are used on attack missions as well as fighter missions, excellent fighter and self defense capability is retained.												

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy							<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0145 / FA-18E/F			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b> 0204136N			<b>Other Related Program Elements:</b> 0604269N, 0305207N, 0604270N, 0204154N		
<b>Line Item MDAP/MAIS Code:</b> 000		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / 0145 F/A-18 E/F MYP	P-5, P-5a, P-21		563 / 45,869.887	- / 180.391	- / -	- / -	- / -	- / -
<b>Total Gross/Weapon System Cost</b>			<b>563 / 45,869.887</b>	<b>- / 180.391</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>
<p>*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p>								
<p><b>Justification:</b>  FY13 Advance Procurement (AP) baseline budget is \$27.335 million. The FY14 Budget Enactment includes FY13 AP Congressional Rescission of \$27 million (Section 8040). There is an AP credit value of \$335 thousand in FY13 for procurement of common long lead materials.</p> <p>There are no F/A-18E/F aircraft programmed in FY14, FY15 and FY16. Funding in FY14 F/A-18E/F is programmed to support the manufacture, acceptance and delivery of tasks common for F/A-18E/F and EA-18G. As per OSD direction, Production Engineering Support (PES) and Integrated Logistics Support (ILS) funded efforts that are common to both F/A-18E/F and EA-18G aircraft are budgeted in the F/A-18E/F APN-1 budget. These two support are not proportional to the number of aircraft being procured. This is not duplicative to support funding in PES and ILS of the EA-18G budget.</p>								

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Exhibit P-5, Cost Analysis: PB 2016 Navy												Date: February 2015							
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0145 / FA-18E/F						Item Number / Title [DODIC]: 1 / 0145 F/A-18 E/F MYP							
ID Code (A=Service Ready, B=Not Service Ready) :									MDAP/MAIS Code:										
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total					
Procurement Quantity <i>(Units in Each)</i>				563		-		-		-		-		-					
Gross/Weapon System Cost <i>(\$ in Millions)</i>				45,869.887		180.391		-		-		-		-					
Less PY Advance Procurement <i>(\$ in Millions)</i>				1,614.220		0.335		-		-		-		-					
Net Procurement (P1) <i>(\$ in Millions)</i>				44,255.667		180.056		-		-		-		-					
Plus CY Advance Procurement <i>(\$ in Millions)</i>				1,614.555		-		-		-		-		-					
Total Obligation Authority <i>(\$ in Millions)</i>				45,870.222		180.056		-		-		-		-					
(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>(\$ in Thousands)</i>				81,474.044		-		-		-		-		-					
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																			
Cost Elements		Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
1.1.1) Airframe/CFE <sup>(†)</sup>		39,914.662	622	24,826.920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.2) CFE Electronics		5,023.535	563	2,828.250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.3) GFE Electronics		1,731.835	563	975.023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.4) Engines/Eng Acc <sup>(†)</sup>		4,040.063	1,244	5,025.838	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.5) Armament		230.252	563	129.632	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.6) Other GFE		494.394	563	278.344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.7) Rec Flyaway ECO		740.366	563	416.826	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Recurring Cost		-	-	34,480.833	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non Recurring Cost																			
1.2.1) Non-Recur Cost		-	-	1,527.646	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.2.2) Ancillary Equip		-	-	3,280.024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Non Recurring Cost		-	-	4,807.670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Flyaway Cost		-	-	39,288.503	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Support Cost																			
2.1) Airframe PGSE		-	-	324.293	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.2) Engine PGSE		-	-	122.229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.3) Avionics PGSE		-	-	468.398	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.4) Pec Trng Eq		-	-	829.229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0145 / FA-18E/F							Item Number / Title [DODIC]: 1 / 0145 F/A-18 E/F MYP					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.5) Pub/Tech Eq	-	-	414.024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) Prod Eng Supt <sup>(1)</sup>	-	-	2,570.036	-	-	131.278	-	-	-	-	-	-	-	-	-	-	-	-
2.7) Other ILS <sup>(2)</sup>	-	-	1,853.175	-	-	49.113	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost	-	-	6,581.384	-	-	180.391	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	81,474.044	563	45,869.887	-	-	180.391	-	-	-	-	-	-	-	-	-	-	-	-

(t) indicates the presence of a P-5a

**Footnotes:**

- <sup>(1)</sup> Production Engineering Support (PES): FY13 Advance Procurement (AP) baseline budget is \$27.335 million. The FY14 Budget Enactment includes FY13 AP Congressional Rescission of \$27 million (Section 8040). There is an AP credit value of \$335 thousand in FY13 for procurement of common long lead materials. The FY14 funding in the PES cost element supports delivery of the previously programmed F/A-18 E/F procurements. This is not duplicative of Production Engineering funding in the EA-18G APN-1 budget.
- <sup>(2)</sup> Integrated Logistics Support (ILS): FY13 Advance Procurement (AP) baseline budget is \$27.335 million. The FY14 Budget Enactment includes FY13 AP Congressional Rescission of \$27 million (Section 8040). There is an AP credit value of \$335 thousand in FY13 for procurement of common long lead materials. The FY14 funding in the ILS cost element supports delivery of the previously programmed F/A-18 E/F procurements. This is not duplicative of ILS funding in the EA-18G APN-1 budget.

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<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Navy								<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0145 / FA-18E/F					<b>Item Number / Title [DODIC]:</b> 1 / 0145 F/A-18 E/F MYP				
<b>Cost Elements</b>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$ K)</b>	<b>Specs Avail Now?</b>	<b>Date Revision Available</b>	<b>RFP Issue Date</b>
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	Boeing Co. / St. Louis, MO	SS / FPIF	NAVAIR	Nov 2012	Sep 2014	37	34,827.082	Y		
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2013	General Electric Co. / Lynn, MA	SS / FFP	NAVAIR	Nov 2012	May 2014	74	4,443.885	Y		

<sup>(†)</sup> indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015											
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0145 / FA-18E/F													Item Number / Title [DODIC]: 1 / 0145 F/A-18 E/F MYP											
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2013													Fiscal Year 2014														
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT							Calendar Year 2013										Calendar Year 2014											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
1.1.1) Airframe/CFE																																		
Prior Years Deliveries: 585																																		
	1	2013	NAVY		37 <sup>(3)</sup>	-	37		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	36			
1.1.4) Engines/Eng Acc																																		
Prior Years Deliveries: 1170																																		
	2	2013	NAVY		74	-	74		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	5	5	6	47		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1											P-1 Line Item Number / Title: 0145 / FA-18E/F												Item Number / Title [DODIC]: 1 / 0145 F/A-18 E/F MYP												
Cost Elements (Units in Each)						Fiscal Year 2015														Fiscal Year 2016															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015														Calendar Year 2016														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				
1.1.1) Airframe/CFE																																			
Prior Years Deliveries: 585																																			
	1	2013	NAVY	37 <sup>(3)</sup>	1	36	1	2	1	2	3	3	3	3	3	2	2	3	3	3	2											-			
1.1.4) Engines/Eng Acc																																			
Prior Years Deliveries: 1170																																			
	2	2013	NAVY	74	27	47	6	6	6	4	1	2	6	6	5	5															-				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Production Schedule: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1					P-1 Line Item Number / Title: 0145 / FA-18E/F				Item Number / Title [DODIC]: 1 / 0145 F/A-18 E/F MYP			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Boeing Co. - St. Louis, MO	24	48	72	-	-	33	33	-	2	20	22
2	General Electric Co. - Lynn, MA	84	120	144	-	-	27	27	-	5	24	29

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**Footnotes:**

<sup>(3)</sup> FY13 Aircraft deliveries: 23 F/A-18E, 3 F/A-18F and 11 Congressional Add F/A-18E extended delivery cycle.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0147 / Joint Strike Fighter CV
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0204146N	<b>Other Related Program Elements:</b> 0204146M, 0207142F
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<b>Line Item MDAP/MAIS Code:</b> 198	<b>Item MDAP/MAIS Code(s):</b>
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	51	4	4	4	-	4	4	8	10	12	272	369
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	11,348.108	1,059.114	927.568	926.942	-	926.942	896.686	1,309.470	1,608.201	1,732.091	35,853.205	55,661.385
Less PY Advance Procurement ( <i>\$ in Millions</i> )	1,264.430	30.699	79.016	29.400	-	29.400	48.630	91.908	111.898	126.003	3,519.083	5,301.067
Net Procurement (P1) ( <i>\$ in Millions</i> )	10,083.678	1,028.415	848.552	897.542	-	897.542	848.056	1,217.562	1,496.303	1,606.088	32,334.122	50,360.318
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	1,295.129	79.016	29.400	48.630	-	48.630	91.908	111.898	126.003	204.132	3,314.951	5,301.067
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>11,378.807</b>	<b>1,107.431</b>	<b>877.952</b>	<b>946.172</b>	<b>-</b>	<b>946.172</b>	<b>939.964</b>	<b>1,329.460</b>	<b>1,622.306</b>	<b>1,810.220</b>	<b>35,649.073</b>	<b>55,661.385</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	25.809	28.200	59.914	-	59.914	58.795	42.726	35.247	38.394	Continuing	Continuing
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	194,797.980	167,416.000	170,634.500	159,497.750	-	159,497.750	164,968.000	139,285.625	130,840.300	114,678.917	123,168.375	135,190.772
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	222,511.922	264,778.500	231,892.000	231,735.500	-	231,735.500	224,171.500	163,683.750	160,820.100	144,340.917	131,813.254	150,843.862

**Description:**

Joint Strike Fighter (JSF) program will develop and field a family of aircraft that meets the needs of DoD and allies with the F-35A Conventional Take Off and Landing (CTOL) variant, the F-35B Short Take-Off and Vertical Landing (STOVL) variant, and the F-35C Carrier Variant (CV) with optimum commonality among the three variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy (DoN) and the Department of the Air Force (DAF) and currently resides with the Navy. The F-35s are the next generation of strike fighters which has increased aero-performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting incorporates the latest technology available. The F-35 has increased range with internal fuel and includes superior weaponry over existing aircraft. The highly supportable, affordable, state of the art aircraft commands and maintains global air superiority. The production cost and quantities are interdependent due to one manufacturer for the program. USAF regular procurement commenced in FY07, DON regular procurement commenced in FY08.

**Notes:**

(1) FY10 and prior quantity and funding for F-35B STOVL and F-35C CV were reported under same BLI (0147). Result is 29 F-35B STOVL aircraft (6 - FY08; 7 - FY09; and 16 - FY10) are included in the BLI 0147 budget. FY11 is the first year F-35B STOVL are reported under BLI 0152. CY Advance Procurement for FY10 F-35B STOVL aircraft was included in the FY10 F-35C CV budget. The Advance Procurement Credit for FY10 F-35B STOVL aircraft was included in the FY11 F-35B STOVL budget.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0147 / Joint Strike Fighter CV			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B			<b>Program Elements for Code B Items:</b> 0204146N		<b>Other Related Program Elements:</b> 0204146M, 0207142F			
<b>Line Item MDAP/MAIS Code:</b> 198		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / Joint Strike Fighter-CV	P-5, P-5a, P-21		51 / 11,348.108	4 / 1,059.114	4 / 927.568	4 / 926.942	- / -	4 / 926.942
<b>Total Gross/Weapon System Cost</b>			<b>51 / 11,348.108</b>	<b>4 / 1,059.114</b>	<b>4 / 927.568</b>	<b>4 / 926.942</b>	<b>- / -</b>	<b>4 / 926.942</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								

**Justification:**

BASIS FOR FY2016 BUDGET REQUEST: The FY16 budget provides funding for 4 Carrier Variant (CV) F-35C aircraft and associated equipment and support, associated sustainment and logistical requirements for DoN, and Advance Procurement for 4 Carrier Variant (CV) aircraft in FY 17.

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0147 / Joint Strike Fighter CV						Item Number / Title [DODIC]: 1 / Joint Strike Fighter-CV					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				51		4		4		4		-		4				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				11,348.108		1,059.114		927.568		926.942		-		926.942				
Less PY Advance Procurement <i>(\$ in Millions)</i>				1,264.430		30.699		79.016		29.400		-		29.400				
Net Procurement (P1) <i>(\$ in Millions)</i>				10,083.678		1,028.415		848.552		897.542		-		897.542				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				1,295.129		79.016		29.400		48.630		-		48.630				
Total Obligation Authority <i>(\$ in Millions)</i>				11,378.807		1,107.431		877.952		946.172		-		946.172				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		25.809		28.200		59.914		-		59.914				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				222,511.922		264,778.500		231,892.000		231,735.500		-		231,735.500				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(†)</sup> (1)	105,695.275	51	5,390.459	104,269.500	4	417.078	98,048.750	4	392.195	91,869.250	4	367.477	-	-	-	91,869.250	4	367.477
1.1.2) CFE Electronics	28,708.941	51	1,464.156	22,926.250	4	91.705	21,588.000	4	86.352	19,727.000	4	78.908	-	-	-	19,727.000	4	78.908
1.1.4) Engines/Eng Acc <sup>(†)</sup>	24,174.098	51	1,232.879	13,898.750	4	55.595	13,747.000	4	54.988	13,019.250	4	52.077	-	-	-	13,019.250	4	52.077
1.1.7) Rec Flyaway ECO	5,805.725	51	296.092	2,822.000	4	11.288	2,667.750	4	10.671	2,492.250	4	9.969	-	-	-	2,492.250	4	9.969
Subtotal: Recurring Cost	-	-	8,383.586	-	-	575.666	-	-	544.206	-	-	508.431	-	-	-	-	-	508.431
Non Recurring Cost																		
1.2.1) Non- Recur Cost <sup>(2)</sup>	-	-	1,289.739	-	-	67.290	-	-	112.283	-	-	104.842	-	-	-	-	-	104.842
1.2.2) Ancillary Equip	-	-	261.372	-	-	26.708	-	-	26.049	-	-	24.718	-	-	-	-	-	24.718
Subtotal: Non Recurring Cost	-	-	1,551.111	-	-	93.998	-	-	138.332	-	-	129.560	-	-	-	-	-	129.560
Subtotal: Flyaway Cost	-	-	9,934.697	-	-	669.664	-	-	682.538	-	-	637.991	-	-	-	-	-	637.991
Support Cost																		
2.1) Airframe PGSE	-	-	161.123	-	-	56.800	-	-	56.768	-	-	59.915	-	-	-	-	-	59.915
2.2) Engine PGSE	-	-	122.010	-	-	33.151	-	-	16.576	-	-	19.221	-	-	-	-	-	19.221
2.3) Avionics PGSE	-	-	180.911	-	-	56.794	-	-	39.265	-	-	48.730	-	-	-	-	-	48.730
2.4) Pec Trng Eq	-	-	231.093	-	-	67.734	-	-	0.185	-	-	33.201	-	-	-	-	-	33.201
2.5) Pub/Tech Eq	-	-	84.216	-	-	20.691	-	-	20.425	-	-	17.037	-	-	-	-	-	17.037

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0147 / Joint Strike Fighter CV							Item Number / Title [DODIC]: 1 / Joint Strike Fighter-CV					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.6) Other ILS	-	-	313.328	-	-	95.166	-	-	56.417	-	-	55.837	-	-	-	-	-	55.837
2.7) Misc Support	-	-	4.013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.8) Prod Eng Supt	-	-	316.717	-	-	59.114	-	-	55.394	-	-	55.010	-	-	-	-	-	55.010
Subtotal: Support Cost	-	-	1,413.411	-	-	389.450	-	-	245.030	-	-	288.951	-	-	-	-	-	288.951
Gross/Weapon System Cost	222,511.922	51	11,348.108	264,778.500	4	1,059.114	231,892.000	4	927.568	231,735.500	4	926.942	-	-	-	231,735.500	4	926.942

(t) indicates the presence of a P-5a

## Footnotes:

- (1) Airframe Unit Recurring Flyaway (URF) is directly affected by USAF, USN and International Partners quantity profile changes year over year. Prior to FY11 STOV L and CV aircraft were combined under BLI 0147, of the 51 prior year aircraft total, 29 were STOV L.
- (2) Non-recurring Costs include such items as DoN share of Production Non-Recurring Tooling per the Joint Strike Fighter (JSF) Production, Sustainment, and Follow-on-Development Memorandum of Understanding (MOU) between the U.S. and eight partner nations cooperating in the production, sustainment and follow-on development of the JSF. In addition, it includes funding for Diminishing Manufacturing, concurrency engineering, technical assistance and Cost Reduction Initiatives (CRI).

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<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Navy							<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0147 / Joint Strike Fighter CV				<b>Item Number / Title [DODIC]:</b> 1 / Joint Strike Fighter-CV				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2011 (3)	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Aug 2011	Oct 2013	7	123,111.000	Y		May 2010
1.1.1) Airframe/CFE <sup>(†)</sup>		2012	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Sep 2013	Jun 2014	7	119,850.000	Y		Apr 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Sep 2013	Jun 2015	4	115,750.000	Y		Apr 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Nov 2014	Nov 2016	4	104,269.500	Y		Jan 2013
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Oct 2015	Nov 2017	4	98,048.750	Y		Jan 2014
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Mar 2016	Jan 2018	4	91,869.250	Y		Jan 2015
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2012 (5)	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Oct 2013	Oct 2013	7	13,785.429	Y		Oct 2011
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2013	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Sep 2014	Apr 2015	4	13,749.750	Y		Jun 2012
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2014	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Sep 2014	Jan 2016	4	13,898.750	Y		Mar 2013
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2015	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	May 2015	Aug 2016	4	13,747.000	Y		Mar 2014
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2016	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	May 2016	May 2017	4	13,019.250	Y		Mar 2015

<sup>(†)</sup> indicates the presence of a P-21

## Footnotes:

<sup>(3)</sup> Award date is based on UCA award and not contract definitization after negotiations.

<sup>(4)</sup> Max Capacity only applies through FY16. Additional capacity will be added each year to meet production requirements.

<sup>(5)</sup> (1) Engine delivery is 1 per aircraft. (2) FY 10 and prior costs are for both CV & STOVL variants combined. (3) FY 11 and beyond costs are for CV variant of JSF

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015											
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0147 / Joint Strike Fighter CV													Item Number / Title [DODIC]: 1 / Joint Strike Fighter-CV											
Cost Elements (Units in Each)							Fiscal Year 2011													Fiscal Year 2012														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011													Calendar Year 2012													B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE <sup>(1)</sup>																																		
Prior Years Deliveries: 33																																		
	1	2011	NAVY		7	-	7											A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
	1	2012	NAVY		7	-	7																										7	
	1	2013	NAVY		4	-	4																										4	
	1	2014	NAVY		4	-	4																										4	
	1	2015	NAVY		4 <sup>(6)</sup>	-	4																										4	
	1	2016	NAVY		4 <sup>(7)</sup>	-	4																										4	
1.1.4) Engines/Eng Acc																																		
Prior Years Deliveries: 40																																		
	2	2012	NAVY		7	-	7																										7	
	2	2013	NAVY		4	-	4																										4	
	2	2014	NAVY		4	-	4																										4	
	2	2015	NAVY		4 <sup>(8)</sup>	-	4																										4	
	2	2016	NAVY		4 <sup>(9)</sup>	-	4																										4	
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015														
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0147 / Joint Strike Fighter CV										Item Number / Title [DODIC]: 1 / Joint Strike Fighter-CV														
Cost Elements (Units in Each)							Fiscal Year 2013													Fiscal Year 2014														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013													Calendar Year 2014													B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE <sup>(1)</sup>																																		
Prior Years Deliveries: 33																																		
	1	2011	NAVY	7	-	7	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	1	1	1							-	
	1	2012	NAVY	7	-	7												A -	-	-	-	-	-	-	-	-	1	1	-	1		4		
	1	2013	NAVY	4	-	4												A -	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
	1	2014	NAVY	4	-	4																										4		
	1	2015	NAVY	4 <sup>(6)</sup>	-	4																										4		
	1	2016	NAVY	4 <sup>(7)</sup>	-	4																										4		
1.1.4) Engines/Eng Acc																																		
Prior Years Deliveries: 40																																		
	2	2012	NAVY	7	-	7													A1	1	-	1	-	1	1	1	1					-		
	2	2013	NAVY	4	-	4																								A -	4			
	2	2014	NAVY	4	-	4																								A -	4			
	2	2015	NAVY	4 <sup>(8)</sup>	-	4																									4			
	2	2016	NAVY	4 <sup>(9)</sup>	-	4																									4			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015											
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0147 / Joint Strike Fighter CV													Item Number / Title [DODIC]: 1 / Joint Strike Fighter-CV											
Cost Elements (Units in Each)							Fiscal Year 2015													Fiscal Year 2016														
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015													Calendar Year 2016													B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE <sup>(1)</sup>																																		
Prior Years Deliveries: 33																																		
	1	2011	NAVY	7	7	-																											-	
	1	2012	NAVY	7	3	4	-	1	1	-	2																						-	
	1	2013	NAVY	4	-	4	-	-	-	-	-	-	-	1	-	-	1	-	1	-	1												-	
	1	2014	NAVY	4	-	4		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4			
	1	2015	NAVY	4 <sup>(6)</sup>	-	4												A	-	-	-	-	-	-	-	-	-	-	-	4				
	1	2016	NAVY	4 <sup>(7)</sup>	-	4																		A	-	-	-	-	-	-	4			
1.1.4) Engines/Eng Acc																																		
Prior Years Deliveries: 40																																		
	2	2012	NAVY	7	7	-																											-	
	2	2013	NAVY	4	-	4	-	-	-	-	-	-	1	-	2	1																		-
	2	2014	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	1		-			
	2	2015	NAVY	4 <sup>(8)</sup>	-	4							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3				
	2	2016	NAVY	4 <sup>(9)</sup>	-	4																		A	-	-	-	-	-	4				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0147 / Joint Strike Fighter CV										Item Number / Title [DODIC]: 1 / Joint Strike Fighter-CV												
Cost Elements (Units in Each)							Fiscal Year 2017										Fiscal Year 2018															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017										Calendar Year 2018										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
Prior Years Deliveries: 33																																
	1	2011	NAVY	7	7	-																										-
	1	2012	NAVY	7	7	-																										-
	1	2013	NAVY	4	4	-																										-
	1	2014	NAVY	4	-	4	-	1	-	1	-	1	-	-	1																	-
	1	2015	NAVY	4 <sup>(6)</sup>	-	4	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1						-		
	1	2016	NAVY	4 <sup>(7)</sup>	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	1	-	-	1	
1.1.4) Engines/Eng Acc																																
Prior Years Deliveries: 40																																
	2	2012	NAVY	7	7	-																										-
	2	2013	NAVY	4	4	-																										-
	2	2014	NAVY	4	4	-																										-
	2	2015	NAVY	4 <sup>(8)</sup>	1	3	1	-	1	-	1																				-	
	2	2016	NAVY	4 <sup>(9)</sup>	-	4	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	1										-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015															
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0147 / Joint Strike Fighter CV										Item Number / Title [DODIC]: 1 / Joint Strike Fighter-CV														
Cost Elements (Units in Each)							Fiscal Year 2019												Fiscal Year 2020															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 8	BAL D U E A S O F 1 O C T	Calendar Year 2019												Calendar Year 2020												B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE <sup>(1)</sup>																																		
Prior Years Deliveries: 33																																		
	1	2011	NAVY		7	7	-																											-
	1	2012	NAVY		7	7	-																											-
	1	2013	NAVY		4	4	-																											-
	1	2014	NAVY		4	4	-																											-
	1	2015	NAVY		4 <sup>(6)</sup>	4	-																											-
	1	2016	NAVY		4 <sup>(7)</sup>	3	1	-	-	1																								-
1.1.4) Engines/Eng Acc																																		
Prior Years Deliveries: 40																																		
	2	2012	NAVY		7	7	-																											-
	2	2013	NAVY		4	4	-																											-
	2	2014	NAVY		4	4	-																											-
	2	2015	NAVY		4 <sup>(8)</sup>	4	-																											-
	2	2016	NAVY		4 <sup>(9)</sup>	4	-																											-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy								<b>Date:</b> February 2015			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1				<b>P-1 Line Item Number / Title:</b> 0147 / Joint Strike Fighter CV				<b>Item Number / Title [DODIC]:</b> 1 / Joint Strike Fighter-CV			

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	LOCKHEED MARTIN <sup>(4)</sup> - FT WORTH	2	3	7	8	6	22	28	-	6	21	27
2	UNITED TECH, PRATT & WHITNEY - EAST HARTFORD, CT	2	3	7	8	4	17	21	-	7	12	19

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**Footnotes:**

<sup>(4)</sup> Max Capacity only applies through FY16. Additional capacity will be added each year to meet production requirements.

<sup>(6)</sup> FY15 Airframe QTY increased by 2.

<sup>(7)</sup> FY16 Airframe QTY increased by 2.

<sup>(8)</sup> FY15 Engine QTY increased by 2.

<sup>(9)</sup> FY16 Engine QTY increased by 2.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0147 / Joint Strike Fighter CV
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<b>Program Elements for Code B Items:</b> 0204146N	<b>Other Related Program Elements:</b> 0204146M, 0207142F
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<b>Line Item MDAP/MAIS Code:</b> 198	<b>Item MDAP/MAIS Code(s):</b>											
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,295.129	79.016	29.400	48.630	-	48.630	91.908	111.898	126.003	204.132	3,314.951	5,301.067
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,295.129	79.016	29.400	48.630	-	48.630	91.908	111.898	126.003	204.132	3,314.951	5,301.067
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,295.129</b>	<b>79.016</b>	<b>29.400</b>	<b>48.630</b>	<b>-</b>	<b>48.630</b>	<b>91.908</b>	<b>111.898</b>	<b>126.003</b>	<b>204.132</b>	<b>3,314.951</b>	<b>5,301.067</b>

**Description:**

Joint Strike Fighter (JSF) program is developing and fielding a family of aircraft that meets the needs of DoD and allies, with the F-35A Conventional Take Off and Landing (CTOL) variant, F-35B Short Take-Off and Vertical Landing (STOVL) variant and F-35C Carrier Variant (CV). The aircraft will have optimum commonality among three variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between Department of Navy (DoN) and Department of Air Force (DAF) and currently resides with the Navy. The F-35 is next generation of strike fighters to command and maintain global air superiority. Advance procurement funding will support Airframe and Engine Termination Liability, and long-lead parts and materials necessary to protect delivery schedule of FY 2017 JSF aircraft buy.

Note: Prior to FY11, F-35B USMC variant was reported against Budget Line Item 0147. The F-35B USMC variant now reports under Budget Line Item 0152. CY Advance Procurement for FY10 F-35B STOVL aircraft was included in the FY10 F-35C CV budget. The Advance Procurement Credit for FY10 F-35B STOVL aircraft was included in the FY11 F-35B STOVL budget.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy							<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0147 / Joint Strike Fighter CV			
<b>Program Elements for Code B Items:</b> 0204146N					<b>Other Related Program Elements:</b> 0204146M, 0207142F			
<b>Line Item MDAP/MAIS Code:</b> 198			<b>Item MDAP/MAIS Code(s):</b>					
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / Joint Strike Fighter-CV	P-10		- / 1,295.129	- / 79.016	- / 29.400	- / 48.630	- / -	- / 48.630
<b>Total Gross/Weapon System Cost</b>			<b>- / 1,295.129</b>	<b>- / 79.016</b>	<b>- / 29.400</b>	<b>- / 48.630</b>	<b>- / -</b>	<b>- / 48.630</b>
<p><small>*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.</small></p> <p><small>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</small></p>								
<p><b>Justification:</b> BASIS FOR FY 2016 BUDGET REQUEST:</p> <p>FY16 Advance Procurement funding is requested for long-lead requirements associated with procurement of 4 Carrier Variant (CV) JSF aircraft in FY17.</p>								

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0147 / Joint Strike Fighter CV		<b>P-5 Number / Title:</b> 1 / Joint Strike Fighter-CV	
<b>First System (2016) Award Date:</b> January 2014		<b>First System (2016) Completion Date:</b> January 2014		<b>Interval Between Systems:</b> 0 Months		
<b>Joint Strike Fighter-CV</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2014</b> <i>(Each)</i>	<b>FY 2015</b> <i>(Each)</i>	<b>FY 2016</b> <i>(Each)</i>
Quantity			51	4	4	4
<b>Cost Element</b>	<b>When Rqd</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2014</b> <i>(\$ M)</i>	<b>FY 2015</b> <i>(\$ M)</i>	<b>FY 2016</b> <i>(\$ M)</i>	
<b>CFE</b>						
CFE- Airframe Termination Liability	0	1,165.457	69.539	27.040	44.021	
<i>Total: CFE</i>		<i>1,165.457</i>	<i>69.539</i>	<i>27.040</i>	<i>44.021</i>	
<b>GFE</b>						
G.F.E Engines Termination Liability	0	129.672	9.477	2.360	4.609	
<i>Total: GFE</i>		<i>129.672</i>	<i>9.477</i>	<i>2.360</i>	<i>4.609</i>	
<b>Total Advance Procurement/Obligation Authority</b>		<b>1,295.129</b>	<b>79.016</b>	<b>29.400</b>	<b>48.630</b>	

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):</b> PB 2016 Navy						<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1		<b>P-1 Line Item Number / Title:</b> 0147 / Joint Strike Fighter CV				<b>P-5 Number / Title:</b> 1 / Joint Strike Fighter-CV	
<b>Cost Elements</b>	<b>QPA</b> <i>(Each)</i>	<b>FY 2016</b>					
		<b>Production Leadtime</b> <i>(Months)</i>	<b>Unit Cost</b> <i>(\$ K)</i>	<b>Contract Forecast Date</b>	<b>2016 Qty</b> <i>(Each)</i>	<b>For FY</b>	<b>Total Cost Request</b> <i>(\$ M)</i>
<b>CFE</b>							
CFE- Airframe Termination Liability	1						44.021
<i>Total: CFE</i>							44.021
<b>GFE</b>							
G.F.E Engines Termination Liability	1						4.609
<i>Total: GFE</i>							4.609
<b>Total Advance Procurement/Obligation Authority</b>							<b>48.630</b>
<p><b>Description:</b>            Advance procurement funding in FY2013 will support Airframe and Engine Termination Liability, long-lead parts, and materials necessary to protect the delivery schedule of the FY14 JSF aircraft buy.</p> <p>Note: PLT reflects the total lead time necessary to support FY 14 production.            Note: T.L. is Termination Liability</p>							

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0152 / JSF STOVL
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0204146M	<b>Other Related Program Elements:</b> 0204146N, 0207142F
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<b>Line Item MDAP/MAIS Code:</b> 198	<b>Item MDAP/MAIS Code(s):</b>
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	15	6	6	9	-	9	14	20	20	20	201	311
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	3,531.223	1,270.309	1,287.605	1,627.299	-	1,627.299	2,252.814	2,939.235	2,933.001	2,949.717	28,865.061	47,656.264
Less PY Advance Procurement ( <i>\$ in Millions</i> )	741.375	98.061	103.195	143.885	-	143.885	203.060	226.148	136.872	139.562	3,042.761	4,834.919
Net Procurement (P1) ( <i>\$ in Millions</i> )	2,789.848	1,172.248	1,184.410	1,483.414	-	1,483.414	2,049.754	2,713.087	2,796.129	2,810.155	25,822.300	42,821.345
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	839.436	103.195	143.885	203.060	-	203.060	226.148	136.872	139.562	142.353	2,900.408	4,834.919
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>3,629.284</b>	<b>1,275.443</b>	<b>1,328.295</b>	<b>1,686.474</b>	<b>-</b>	<b>1,686.474</b>	<b>2,275.902</b>	<b>2,849.959</b>	<b>2,935.691</b>	<b>2,952.508</b>	<b>28,722.708</b>	<b>47,656.264</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	88.304	64.194	111.569	-	111.569	76.703	29.756	100.362	136.763	Continuing	Continuing
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	182,720.067	166,579.500	183,410.667	149,331.000	-	149,331.000	141,613.000	128,504.050	132,798.800	128,673.350	133,064.368	137,340.080
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	235,414.867	211,718.167	214,600.833	180,811.000	-	180,811.000	160,915.286	146,961.750	146,650.050	147,485.850	143,607.269	153,235.576

**Description:**

Joint Strike Fighter (JSF) program will develop and field a family of aircraft that meets the needs of DoD and allies with the F-35A Conventional Take Off and Landing (CTOL) variant, the F-35B Short Take-Off and Vertical Landing (STOVL) variant, and the F-35C Carrier Variant (CV) with optimum commonality among the three variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy (DoN) and the Department of the Air Force (DAF) and currently resides with the Navy. The F-35s are the next generation of strike fighters which has increased aero-performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting incorporates the latest technology available. The F-35 has increased range with internal fuel and includes superior weaponry over existing aircraft. The highly supportable, affordable, state of the art aircraft commands and maintains global air superiority. The production cost and quantities are interdependent due to one manufacturer for the program. USAF regular procurement commenced in FY07, DON regular procurement commenced in FY08.

**Notes:**

(1) FY10 and prior quantity and funding for F-35B STOVL and F-35C CV were reported under same BLI (0147). Result is 29 F-35B STOVL aircraft (6 - FY08; 7 - FY09; and 16 - FY10) are included in the BLI 0147 budget. The F-35C CV budget continues to report under BLI 0147. CY Advance Procurement for FY10 F-35B STOVL aircraft was included in the FY10 F-35C CV budget. The Advance Procurement Credit for FY10 F-35B STOVL aircraft was included in the FY11 F-35B STOVL budget.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy							<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0152 / JSF STOVL			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B			<b>Program Elements for Code B Items:</b> 0204146M			<b>Other Related Program Elements:</b> 0204146N, 0207142F		
<b>Line Item MDAP/MAIS Code:</b> 198		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / Joint Strike Fighter - STOVL	P-5, P-5a, P-21		15 / 3,531.223	6 / 1,270.309	6 / 1,287.605	9 / 1,627.299	- / -	9 / 1,627.299
<b>Total Gross/Weapon System Cost</b>			<b>15 / 3,531.223</b>	<b>6 / 1,270.309</b>	<b>6 / 1,287.605</b>	<b>9 / 1,627.299</b>	<b>- / -</b>	<b>9 / 1,627.299</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								
<b>Justification:</b> BASIS FOR FY16 BUDGET REQUEST: The FY16 budget provides funding for 9 Short Take-Off, Vertical Landing (STOVL) F-35B aircraft for the Marine Corps, with associated support for DoN requirements, and Advance Procurement for 14 STOVL F-35B aircraft in FY17.								

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0152 / JSF STOVL						Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				15		6		6		9		-		9				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				3,531.223		1,270.309		1,287.605		1,627.299		-		1,627.299				
Less PY Advance Procurement <i>(\$ in Millions)</i>				741.375		98.061		103.195		143.885		-		143.885				
Net Procurement (P1) <i>(\$ in Millions)</i>				2,789.848		1,172.248		1,184.410		1,483.414		-		1,483.414				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				839.436		103.195		143.885		203.060		-		203.060				
Total Obligation Authority <i>(\$ in Millions)</i>				3,629.284		1,275.443		1,328.295		1,686.474		-		1,686.474				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		88.304		64.194		111.569		-		111.569				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				235,414.867		211,718.167		214,600.833		180,811.000		-		180,811.000				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(†)</sup> (1)	91,354.400	15	1,370.316	88,207.667	6	529.246	83,044.667	6	498.268	76,677.333	9	690.096	-	-	-	76,677.333	9	690.096
1.1.2) CFE Electronics	24,350.067	15	365.251	22,926.167	6	137.557	21,588.000	6	129.528	19,727.000	9	177.543	-	-	-	19,727.000	9	177.543
1.1.4) Engines/Eng Acc <sup>(†)</sup>	33,733.400	15	506.001	33,223.500	6	199.341	32,492.667	6	194.956	31,905.778	9	287.152	-	-	-	31,905.778	9	287.152
1.1.7) Rec Flyaway ECO	3,404.600	15	51.069	2,887.167	6	17.323	2,742.500	6	16.455	2,566.222	9	23.096	-	-	-	2,566.222	9	23.096
Subtotal: Recurring Cost	-	-	2,292.637	-	-	883.467	-	-	839.207	-	-	1,177.887	-	-	-	-	-	1,177.887
Non Recurring Cost																		
1.2.1) Non- Recur Cost <sup>(2)</sup>	-	-	335.426	-	-	66.097	-	-	212.466	-	-	95.550	-	-	-	-	-	95.550
1.2.2) Ancillary Equip	-	-	112.738	-	-	49.913	-	-	48.791	-	-	70.542	-	-	-	-	-	70.542
Subtotal: Non Recurring Cost	-	-	448.164	-	-	116.010	-	-	261.257	-	-	166.092	-	-	-	-	-	166.092
Subtotal: Flyaway Cost	-	-	2,740.801	-	-	999.477	-	-	1,100.464	-	-	1,343.979	-	-	-	-	-	1,343.979
Support Cost																		
2.1) Airframe PGSE	-	-	115.698	-	-	53.756	-	-	7.115	-	-	72.433	-	-	-	-	-	72.433
2.2) Engine PGSE	-	-	43.497	-	-	19.189	-	-	21.800	-	-	30.873	-	-	-	-	-	30.873
2.3) Avionics PGSE	-	-	128.388	-	-	38.712	-	-	24.433	-	-	52.469	-	-	-	-	-	52.469
2.4) Pec Trng Eq	-	-	167.085	-	-	47.067	-	-	15.636	-	-	5.349	-	-	-	-	-	5.349
2.5) Pub/Tech Eq	-	-	25.308	-	-	8.562	-	-	4.566	-	-	11.989	-	-	-	-	-	11.989

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Exhibit P-5, Cost Analysis: PB 2016 Navy												Date: February 2015						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0152 / JSF STOVL						Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL						
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.6) Other ILS <sup>(3)</sup>	-	-	198.930	-	-	68.573	-	-	58.197	-	-	56.110	-	-	-	-	-	56.110
2.8) Prod Eng Supt	-	-	111.516	-	-	34.973	-	-	55.394	-	-	54.097	-	-	-	-	-	54.097
Subtotal: Support Cost	-	-	790.422	-	-	270.832	-	-	187.141	-	-	283.320	-	-	-	-	-	283.320
Gross/Weapon System Cost	235,414.867	15	3,531.223	211,718.167	6	1,270.309	214,600.833	6	1,287.605	180,811.000	9	1,627.299	-	-	-	180,811.000	9	1,627.299

<sup>(t)</sup> indicates the presence of a P-5a

**Footnotes:**

- <sup>(1)</sup> Airframe Unit Recurring Flyaway (URF) is directly affected by USAF, USN and International Partners quantity profile changes year over year.
- <sup>(2)</sup> Non-recurring Costs include such items as DoN share of Production Non-Recurring Tooling per the Joint Strike Fighter (JSF) Production, Sustainment, and Follow-on-Development Memorandum of Understanding (MOU) between the U.S. and eight partner nations cooperating in the production, sustainment and follow-on development of the JSF. In addition, it includes funding for Diminishing Manufacturing, concurrency engineering, technical assistance and Cost Reduction Initiatives (CRI).
- <sup>(3)</sup> Year-over-year increase in support cost is greater than OMB/OSD inflation rate of 1.8% due to site and squadron stand-up of aircraft, and ramp-up to full operational capability.

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<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Navy								<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1				<b>P-1 Line Item Number / Title:</b> 0152 / JSF STOVL				<b>Item Number / Title [DODIC]:</b> 1 / Joint Strike Fighter - STOVL				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2011	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Aug 2011	Nov 2013	3	100,992.330	Y		May 2010
1.1.1) Airframe/CFE <sup>(†)</sup>		2012	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Sep 2013	Jun 2014	6	90,462.500	Y		Apr 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Sep 2013	Jun 2015	6	87,427.333	Y		Apr 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Nov 2014	Dec 2016	6	88,207.667	Y		Jan 2013
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Oct 2015	Aug 2017	6	83,044.667	Y		Jan 2014
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	LOCKHEED MARTIN <sup>(4)</sup> / FT WORTH	SS / FPIF	NAVAIR	Mar 2016	Jan 2018	9	76,677.333	Y		Jan 2015
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2012	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Oct 2013	Oct 2013	6	35,590.000	Y		Oct 2011
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2013	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Sep 2014	Apr 2015	6	36,442.833	Y		Jun 2012
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2014	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Sep 2014	Feb 2016	6	33,223.500	Y		Mar 2013
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2015	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	May 2015	Jun 2016	6	32,492.667	Y		Mar 2014
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2016	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	May 2016	May 2017	9	31,905.778	Y		Mar 2015

<sup>(†)</sup> indicates the presence of a P-21

## Footnotes:

<sup>(4)</sup> Max Capacity only applies through FY16. Additional capacity will be added each year to meet production requirements.

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0152 / JSF STOVL										Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL												
Cost Elements (Units in Each)							Fiscal Year 2011										Fiscal Year 2012															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011										Calendar Year 2012										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
	1	2011	NAVY	3	-	3											A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	1	2012	NAVY	6	-	6																										6
	1	2013	NAVY	6	-	6																										6
	1	2014	NAVY	6	-	6																										6
	1	2015	NAVY	6	-	6																										6
	1	2016	NAVY	9	-	9																										9
1.1.4) Engines/Eng Acc																																
Prior Years Deliveries: 3																																
	2	2012	NAVY	6	-	6																										6
	2	2013	NAVY	6	-	6																										6
	2	2014	NAVY	6	-	6																										6
	2	2015	NAVY	6	-	6																										6
	2	2016	NAVY	9	-	9																										9
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015										
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0152 / JSF STOVL													Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL										
Cost Elements (Units in Each)							Fiscal Year 2013													Fiscal Year 2014													
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013													Calendar Year 2014													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
1.1.1) Airframe/CFE <sup>(1)</sup>																																	
	1	2011	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1									-	
	1	2012	NAVY	6	-	6												A -	-	-	-	-	-	-	-	-	-	1	-	1	-	4	
	1	2013	NAVY	6	-	6												A -	-	-	-	-	-	-	-	-	-	-	-	-	6		
	1	2014	NAVY	6	-	6																									6		
	1	2015	NAVY	6	-	6																									6		
	1	2016	NAVY	9	-	9																									9		
1.1.4) Engines/Eng Acc																																	
Prior Years Deliveries: 3																																	
	2	2012	NAVY	6	-	6													A1	-	1	-	1	-	1	1	1				-		
	2	2013	NAVY	6	-	6																								A -	6		
	2	2014	NAVY	6	-	6																								A -	6		
	2	2015	NAVY	6	-	6																									6		
	2	2016	NAVY	9	-	9																									9		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015														
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0152 / JSF STOVL										Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL														
Cost Elements (Units in Each)							Fiscal Year 2015													Fiscal Year 2016														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015													Calendar Year 2016													B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE <sup>(1)</sup>																																		
	1	2011	NAVY	3	3	-																												-
	1	2012	NAVY	6	2	4	1	-	1	1	1																							-
	1	2013	NAVY	6	-	6	-	-	-	-	-	-	-	1	-	1	1	1	-	1	1													-
	1	2014	NAVY	6	-	6		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6			
	1	2015	NAVY	6	-	6												A -	-	-	-	-	-	-	-	-	-	-	-	6				
	1	2016	NAVY	9	-	9																		A -	-	-	-	-	-	-	9			
1.1.4) Engines/Eng Acc																																		
Prior Years Deliveries: 3																																		
	2	2012	NAVY	6	6	-																												-
	2	2013	NAVY	6	-	6	-	-	-	-	-	-	3	3																				-
	2	2014	NAVY	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	4			
	2	2015	NAVY	6	-	6							A -	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	3			
	2	2016	NAVY	9	-	9																			A -	-	-	-	-		9			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015														
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0152 / JSF STOVL										Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL														
Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T O 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017												Calendar Year 2018												B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE <sup>(1)</sup>																																		
	1	2011	NAVY	3	3	-																											-	
	1	2012	NAVY	6	6	-																											-	
	1	2013	NAVY	6	6	-																											-	
	1	2014	NAVY	6	-	6	-	-	1	-	1	-	1	1	1	-	1																	-
	1	2015	NAVY	6	-	6	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-	1	1								-	
	1	2016	NAVY	9	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-	1	1	-	3					
1.1.4) Engines/Eng Acc																																		
Prior Years Deliveries: 3																																		
	2	2012	NAVY	6	6	-																											-	
	2	2013	NAVY	6	6	-																											-	
	2	2014	NAVY	6	2	4	1	1	1	1																							-	
	2	2015	NAVY	6	3	3	-	1	-	1	-	1																					-	
	2	2016	NAVY	9	-	9	-	-	-	-	-	-	1	-	1	1	1	-	1	1	-	1	1	1								-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy								<b>Date:</b> February 2015			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1				<b>P-1 Line Item Number / Title:</b> 0152 / JSF STOVL				<b>Item Number / Title [DODIC]:</b> 1 / Joint Strike Fighter - STOVL			

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	LOCKHEED MARTIN <sup>(4)</sup> - FT WORTH	4	7	14	8	6	22	28	-	6	21	27
2	UNITED TECH, PRATT & WHITNEY - EAST HARTFORD, CT	4	7	14	8	4	17	21	24	8	12	20

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**Footnotes:**

<sup>(4)</sup> Max Capacity only applies through FY16. Additional capacity will be added each year to meet production requirements.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0152 / JSF STOVL
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<b>Program Elements for Code B Items:</b> 0204146M	<b>Other Related Program Elements:</b> 0204146N, 0207142F
--	---

Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	839.436	103.195	143.885	203.060	-	203.060	226.148	136.872	139.562	142.353	2,900.408	4,834.919
Net Procurement (P1) ( <i>\$ in Millions</i> )	839.436	103.195	143.885	203.060	-	203.060	226.148	136.872	139.562	142.353	2,900.408	4,834.919
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>839.436</b>	<b>103.195</b>	<b>143.885</b>	<b>203.060</b>	<b>-</b>	<b>203.060</b>	<b>226.148</b>	<b>136.872</b>	<b>139.562</b>	<b>142.353</b>	<b>2,900.408</b>	<b>4,834.919</b>

**Description:**

Joint Strike Fighter (JSF) program is developing and fielding a family of aircraft that meets the needs of DoD and allies, with the F-35A Conventional Take Off and Landing (CTOL) variant, F-35B Short Take-Off and Vertical Landing (STOVL) variant and F-35C Carrier Variant (CV). The aircraft will have optimum commonality among three variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between Department of Navy (DoN) and Department of Air Force and currently resides with the DAF. The F-35 is next generation of strike fighters to command and maintain global air superiority. Advance procurement funding will support Airframe and Engine Termination Liability, and long-lead parts and materials necessary to protect delivery schedule of FY17 JSF aircraft.

**Note:**

(1) F-35B USMC variant Budget Line Item 0152 was created in FY11, prior years budgets were reported under Budget Line Item 0147. The F-35C USN variant continues to report under Budget Line Item 0147. CY Advance Procurement for FY10 F-35B STOVL aircraft was included in the FY10 F-35C CV budget. The Advance Procurement Credit for FY10 F-35B STOVL aircraft was included in the FY11 F-35B STOVL budget.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0152 / JSF STOVL
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<b>Program Elements for Code B Items:</b> 0204146M	<b>Other Related Program Elements:</b> 0204146N, 0207142F
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<b>Line Item MDAP/MAIS Code:</b> 198	<b>Item MDAP/MAIS Code(s):</b>
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Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / Joint Strike Fighter - STOVL	P-10		- / 839.436	- / 103.195	- / 143.885	- / 203.060	- / -	- / 203.060
<b>Total Gross/Weapon System Cost</b>			<b>- / 839.436</b>	<b>- / 103.195</b>	<b>- / 143.885</b>	<b>- / 203.060</b>	<b>- / -</b>	<b>- / 203.060</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

**Justification:**

BASIS FOR FY16 BUDGET REQUEST:

FY16 Advance Procurement funding is requested for long-lead requirements necessary to support procurement of 14 STOVL JSF aircraft in FY17.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2016 Navy					Date: February 2015	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1		P-1 Line Item Number / Title: 0152 / JSF STOVL			P-5 Number / Title: 1 / Joint Strike Fighter - STOVL	
First System (2016) Award Date: January 2014		First System (2016) Completion Date: January 2014		Interval Between Systems: 0 Months		
Joint Strike Fighter - STOVL		Production Leadtime (Months)	Prior Years (Each)	FY 2014 (Each)	FY 2015 (Each)	FY 2016 (Each)
Quantity			15	6	6	9
Cost Element		When Rqd (Months)	Prior Years (\$ M)	FY 2014 (\$ M)	FY 2015 (\$ M)	FY 2016 (\$ M)
CFE						
CFE-Airframe Termination Liability		0	620.226	82.556	106.455	149.878
Total: CFE			620.226	82.556	106.455	149.878
GFE						
GFE- Engines Termination Liability		0	219.210	20.639	37.430	53.182
Total: GFE			219.210	20.639	37.430	53.182
Total Advance Procurement/Obligation Authority			839.436	103.195	143.885	203.060

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):</b> PB 2016 Navy						<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1		<b>P-1 Line Item Number / Title:</b> 0152 / JSF STOVL				<b>P-5 Number / Title:</b> 1 / Joint Strike Fighter - STOVL	
<b>Cost Elements</b>	<b>QPA</b> <i>(Each)</i>	<b>FY 2016</b>					
		<b>Production Leadtime</b> <i>(Months)</i>	<b>Unit Cost</b> <i>(\$ K)</i>	<b>Contract Forecast Date</b>	<b>2016 Qty</b> <i>(Each)</i>	<b>For FY</b>	<b>Total Cost Request</b> <i>(\$ M)</i>
<b>CFE</b>							
CFE-Airframe Termination Liability	1						149.878
<i>Total: CFE</i>							<i>149.878</i>
<b>GFE</b>							
GFE- Engines Termination Liability	1						53.182
<i>Total: GFE</i>							<i>53.182</i>
<b>Total Advance Procurement/Obligation Authority</b>							<b>203.060</b>
<b>Description:</b> Advance Procurement will be used to procure long lead items.							

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0158 / CH-53K (Heavy Lift)
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0605212N
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<b>Line Item MDAP/MAIS Code:</b> 390	<b>Item MDAP/MAIS Code(s):</b>											
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	41.300	-	41.300	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	-	41.300	-	41.300	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>41.300</b>	-	<b>41.300</b>	-	-	-	-	-	-

**Description:**

The CH-53K is a marinized heavy-lift helicopter replacing the Marine Corps CH-53E, introduced in 1980. The CH-53 mission is the conduct of expeditionary heavy-lift assault transport of armored vehicles, equipment and personnel to support distributed operations deep inland from a sea-based center of operations. The CH-53K King Stallion is designed to support Marine Air-Ground Task Force heavy-lift requirements in the 21st century joint environment, and is the only heavy-lift platform that can lift the Marine Air-Ground Task Force ashore in the 21st century environment. The CH-53K provides improvements in range and payload, performance, cargo handling, turn-around times, reliability and maintainability, interoperability and survivability.

Total procurement quantities for the CH-53K program are 194 APN funded aircraft.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0158 / CH-53K (Heavy Lift)			
<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b> 0605212N			
<b>Line Item MDAP/MAIS Code:</b> 390		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
CH-53K (Heavy Lift)	P-10		- / -	- / -	- / -	- / 41.300	- / -	- / 41.300
<b>Total Gross/Weapon System Cost</b>			<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 41.300</b>	<b>- / -</b>	<b>- / 41.300</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								

**Justification:**  
 Advance Procurement (AP) is required in FY 2016 for long lead material associated with the procurement of two Low Rate Initial Production aircraft in FY 2017.  
 The AP will be used to procure long lead contractor furnished material and aircraft components with a production lead time of 12 months or more. These long lead requirements are essential to establishing and maintaining a production schedule in support of the Marine Aviation Plan and Marine Air-Ground Task Force CH-53E replacement schedule.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1		<b>P-1 Line Item Number / Title:</b> 0158 / CH-53K (Heavy Lift)			<b>Item Number / Title:</b> 1 / CH-53K (Heavy Lift)	
<b>First System (2016) Award Date:</b> November 2016		<b>First System (2016) Completion Date:</b> October 2019		<b>Interval Between Systems:</b> 3 Months		
<b>CH-53K (Heavy Lift)</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2014</b> <i>(Each)</i>	<b>FY 2015</b> <i>(Each)</i>	<b>FY 2016</b> <i>(Each)</i>
Quantity			-	-	-	-
<b>Cost Element</b>		<b>When Rqd</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2014</b> <i>(\$ M)</i>	<b>FY 2015</b> <i>(\$ M)</i>	<b>FY 2016</b> <i>(\$ M)</i>
<b>CFE</b>						
FY17 Long Lead		0	-	-	-	41.300
<i>Total: CFE</i>			-	-	-	<i>41.300</i>
<b>Total Advance Procurement/Obligation Authority</b>			-	-	-	<b>41.300</b>

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2016 Navy						Date: February 2015	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1		P-1 Line Item Number / Title: 0158 / CH-53K (Heavy Lift)				Item Number / Title: 1 / CH-53K (Heavy Lift)	
Cost Elements	QPA (Each)	FY 2016					
		Production Leadtime (Months)	Unit Cost (\$ K)	Contract Forecast Date	2016 Qty (Each)	For FY	Total Cost Request (\$ M)
CFE							
FY17 Long Lead	-						41.300
Total: CFE							41.300
Total Advance Procurement/Obligation Authority							41.300

**Description:**  
 The AP will be used to procure long lead contractor furnished material and aircraft components with a production lead time of 12 months or more. These long lead requirements are essential to establishing and maintaining a production schedule in support of the Marine Aviation Plan and Marine Air-Ground Task Force CH-53E replacement schedule.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy										<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft							<b>P-1 Line Item Number / Title:</b> 0164 / V-22 (Medium Lift)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>Line Item MDAP/MAIS Code:</b> 212			<b>Item MDAP/MAIS Code(s):</b>									
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	263	19	19	19	-	19	18	8	8	8	46	408
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	22,743.959	1,443.407	1,540.459	1,503.863	-	1,503.863	1,490.269	856.515	945.864	867.852	4,897.152	36,289.340
Less PY Advance Procurement ( <i>\$ in Millions</i> )	1,305.977	86.258	59.359	67.508	-	67.508	62.269	117.944	154.741	20.050	246.807	2,120.913
Net Procurement (P1) ( <i>\$ in Millions</i> )	21,437.982	1,357.149	1,481.100	1,436.355	-	1,436.355	1,428.000	738.571	791.123	847.802	4,650.345	34,168.427
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	1,438.485	53.113	45.920	43.853	-	43.853	117.944	154.741	20.050	41.055	205.752	2,120.913
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>22,876.467</b>	<b>1,410.262</b>	<b>1,527.020</b>	<b>1,480.208</b>	<b>-</b>	<b>1,480.208</b>	<b>1,545.944</b>	<b>893.312</b>	<b>811.173</b>	<b>888.857</b>	<b>4,856.097</b>	<b>36,289.340</b>
<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> )	-	0.677	-	0.479	-	0.479	0.033	-	-	-	74.661	75.850
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	74,480.072	68,459.211	71,916.526	72,356.474	-	72,356.474	74,801.278	86,653.000	95,859.250	98,537.250	100,566.217	78,066.265
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The V-22 is a tilt-rotor vertical takeoff and landing aircraft currently being produced for joint service application. The program provides an aircraft to meet the amphibious/vertical assault needs of the Marine Corps, the strike rescue needs of the Navy, and supplements USSOCOM special mission aircraft. The aircraft is capable of flying 2,100 miles with one refueling, and gives the Services the advantage of a Vertical/Short Takeoff and Landing (V/STOL) aircraft that can rapidly self-deploy to any location in the world.

The current procurement objective is 460: 360 MV-22 Marine Corps aircraft, 48 Navy aircraft, and 52 CV-22 aircraft for USSOCOM (funded by USSOCOM and the Air Force). The program successfully completed Milestone III in the 1st Quarter of 2006, and IOC in March of 2007.

The production of the Navy's variant will begin during the FYDP. The configuration of this variant is a modification of the MV-22 and will perform the Carrier Onboard Delivery (COD) mission and include: (1) external conformal fuel tanks to provide the capability to meet the range requirements that the COD mission demands, (2) a high frequency radio to transmit/receive beyond line of sight over water, and (3) a public address system for use while transporting passengers.

P-40 corrections:

Prior Years:  
Initial Spares: \$790.319.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0164 / V-22 (Medium Lift)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 212	<b>Item MDAP/MAIS Code(s):</b>
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Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / 0164 MV-22	P-5, P-5a, P-21		263 / 22,743.959	19 / 1,443.407	19 / 1,540.459	19 / 1,503.863	- / -	19 / 1,503.863
<b>Total Gross/Weapon System Cost</b>			<b>263 / 22,743.959</b>	<b>19 / 1,443.407</b>	<b>19 / 1,540.459</b>	<b>19 / 1,503.863</b>	<b>- / -</b>	<b>19 / 1,503.863</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

**Justification:**

Basis for FY 2016 Budget Request: Provides funding to procure 19 MV-22's with support.

The V-22 Program is currently executing a Multi-Year Procurement (MYP) contract for producton aircraft in FY 2013-FY 2017.

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Exhibit P-5, Cost Analysis: PB 2016 Navy												Date: February 2015						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)						Item Number / Title [DODIC]: 1 / 0164 MV-22						
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				263		19		19		19		-		19				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				22,743.959		1,443.407		1,540.459		1,503.863		-		1,503.863				
Less PY Advance Procurement <i>(\$ in Millions)</i>				1,305.977		86.258		59.359		67.508		-		67.508				
Net Procurement (P1) <i>(\$ in Millions)</i>				21,437.982		1,357.149		1,481.100		1,436.355		-		1,436.355				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				1,438.485		53.113		45.920		43.853		-		43.853				
Total Obligation Authority <i>(\$ in Millions)</i>				22,876.467		1,410.262		1,527.020		1,480.208		-		1,480.208				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		0.677		-		0.479		-		0.479				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				86,478.932		75,968.789		81,076.789		79,150.684		-		79,150.684				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(†)</sup> (1)	64,080.772	263	16,853.243	61,486.045	19	1,168.235	64,252.925	19	1,220.806	65,602.227	19	1,246.442	-	-	-	65,602.227	19	1,246.442
1.1.2) GFE Electronics (2)	-	-	213.564	-	-	15.251	-	-	26.252	-	-	25.832	-	-	-	-	-	25.832
1.1.3) Engines/Eng Acc <sup>(†)</sup>	2,025.679	526	1,065.507	2,254.132	38	85.657	2,308.221	38	87.712	2,359.000	38	89.642	-	-	-	2,359.000	38	89.642
1.1.4) Other GFE	-	-	47.322	-	-	3.719	-	-	5.361	-	-	3.919	-	-	-	-	-	3.919
1.1.5) Recurring Flyaway ECO	-	-	147.130	-	-	8.155	-	-	9.909	-	-	6.339	-	-	-	-	-	6.339
Subtotal: Recurring Cost	-	-	18,326.766	-	-	1,281.017	-	-	1,350.040	-	-	1,372.174	-	-	-	-	-	1,372.174
Non Recurring Cost																		
1.2.1) Non-Recurring Cost	-	-	854.525	-	-	5.710	-	-	7.624	-	-	2.599	-	-	-	-	-	2.599
1.2.2) Ancillary Equipment	-	-	113.124	-	-	13.998	-	-	8.750	-	-	-	-	-	-	-	-	-
1.2.3) Other	-	-	293.844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	1,261.493	-	-	19.708	-	-	16.374	-	-	2.599	-	-	-	-	-	2.599
Subtotal: Flyaway Cost	-	-	19,588.259	-	-	1,300.725	-	-	1,366.414	-	-	1,374.773	-	-	-	-	-	1,374.773
Support Cost																		
2.1) Airframe PGSE	-	-	405.105	-	-	13.958	-	-	19.226	-	-	0.452	-	-	-	-	-	0.452

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)							Item Number / Title [DODIC]: 1 / 0164 MV-22					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.2) Engine PGSE	-	-	28.717	-	-	6.722	-	-	4.012	-	-	0.471	-	-	-	-	-	0.471
2.3) Avionics PGSE	-	-	213.567	-	-	6.662	-	-	2.441	-	-	0.250	-	-	-	-	-	0.250
2.4) Pec Trng Eq	-	-	420.981	-	-	6.623	-	-	6.569	-	-	3.588	-	-	-	-	-	3.588
2.5) Pub/Tech Eq	-	-	112.482	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) Prod Eng Supt <sup>(3)</sup>	-	-	921.503	-	-	53.356	-	-	87.385	-	-	75.805	-	-	-	-	-	75.805
2.7) Other ILS	-	-	821.945	-	-	55.361	-	-	54.412	-	-	48.524	-	-	-	-	-	48.524
2.8) Common SE	-	-	231.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost	-	-	3,155.700	-	-	142.682	-	-	174.045	-	-	129.090	-	-	-	-	-	129.090
Gross/Weapon System Cost	86,478.932	263	22,743.959	75,968.789	19	1,443.407	81,076.789	19	1,540.459	79,150.684	19	1,503.863	-	-	-	79,150.684	19	1,503.863

<sup>(t)</sup> indicates the presence of a P-5a

**Footnotes:**

<sup>(1)</sup> Airframe/CFE: [General] Executing V-22 Multi-Year for FY 2013 - FY 2017.

<sup>(2)</sup> GFE Electronics: [FY 2015] Increase due the incorporation of the APR-39C(V)2 Radar Warning Receiver.

<sup>(3)</sup> \$5.6 million in FY17 will provide Production Engineering Support to address range, HF radio, and PA system for the Navy's variant.

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<b>Exhibit P-5a, Procurement History and Planning: PB 2016 Navy</b>							<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0164 / V-22 (Medium Lift)				<b>Item Number / Title [DODIC]:</b> 1 / 0164 MV-22				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2008 (4)	Bell Boeing / Amarillo, TX	SS / FPIF	NAVAIR	Feb 2008	Dec 2012	2	58,079.546	Y		Jul 2006
1.1.1) Airframe/CFE <sup>(†)</sup>		2011 (5)	Bell Boeing / Amarillo, TX	SS / FPIF	NAVAIR	Oct 2010	Jan 2013	30	58,870.627	Y		Jul 2006
1.1.1) Airframe/CFE <sup>(†)</sup>		2012	Bell Boeing / Amarillo, TX	SS / FPIF	NAVAIR	Nov 2011	Nov 2013	30	60,501.200	Y		Jul 2006
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	Bell Boeing / Amarillo, TX	SS / FPIF	NAVAIR	Dec 2012	Dec 2014	18	61,097.992	Y		Feb 2011
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	Bell Boeing / Amarillo, TX	SS / FPIF	NAVAIR	Nov 2013	Nov 2015	19	61,486.045	Y		Feb 2011
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	Bell Boeing / Amarillo, TX	SS / FPIF	NAVAIR	Dec 2014	Dec 2016	19	64,252.925	Y		Feb 2011
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	Bell Boeing / Amarillo, TX	SS / FPIF	NAVAIR	Dec 2015	Dec 2017	19	65,602.227	Y		Feb 2011
1.1.3) Engines/Eng Acc <sup>(†)</sup>		2012	Allison Engine Co. (Rolls Royce) / Indianapolis, IN	SS / FFP	NAVAIR	Jan 2012	Apr 2013	60	2,156.017	Y		Dec 2010
1.1.3) Engines/Eng Acc <sup>(†)</sup>		2013	Allison Engine Co. (Rolls Royce) / Indianapolis, IN	SS / FFP	NAVAIR	Jan 2013	Mar 2014	36	2,206.250	Y		Dec 2010
1.1.3) Engines/Eng Acc <sup>(†)</sup>		2014	Allison Engine Co. (Rolls Royce) / Indianapolis, IN	SS / FFP	NAVAIR	Jan 2014	Mar 2015	38	2,254.132	Y		Dec 2010
1.1.3) Engines/Eng Acc <sup>(†)</sup>		2015	Allison Engine Co. (Rolls Royce) / Indianapolis, IN	SS / FFP	NAVAIR	Jan 2015	Mar 2016	38	2,308.221	Y		Dec 2010
1.1.3) Engines/Eng Acc <sup>(†)</sup>		2016	Allison Engine Co. (Rolls Royce) / Indianapolis, IN	SS / FFP	NAVAIR	Jan 2016	Mar 2017	38	2,359.000	Y		Dec 2010

<sup>(†)</sup> indicates the presence of a P-21

**Footnotes:**

<sup>(4)</sup> FY 2008 included 2 GWOT funded MV-22 aircraft and 5 GWOT funded CV-22 aircraft. The span of delivery of aircraft in production lots with supplemental funded aircraft (i.e. GWOT and OCO) will exceed 12 months due to production capacity and necessity to meet currently scheduled MV-22 and CV-22 deliveries. In addition, the lack of advance procurement funding for supplemental aircraft means there is a 3-year (vice 2-year) production lead time.

<sup>(5)</sup> FY 2011 included 1 OCO funded CV-22 aircraft with a planned delivery of May 2015.

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)										Item Number / Title [DODIC]: 1 / 0164 MV-22												
Cost Elements (Units in Each)							Fiscal Year 2008										Fiscal Year 2009															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 0 7	BAL DUE AS OF 1 OCT	Calendar Year 2008										Calendar Year 2009										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
Prior Years Deliveries: 183																																
	1	2008	NAVY	2 <sup>(6)</sup>	-	2					A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
	1	2008	AF <sup>(‡)</sup>	2	-	2					A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
	1	2008	Total	4	-	4					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	
	1	2011	NAVY	30 <sup>(7)</sup>	-	30																									30	
	1	2011	AF <sup>(‡)</sup>	5	-	5																									5	
	1	2011	Total	35	-	35																									35	
	1	2012	NAVY	30	-	30																									30	
	1	2012	AF <sup>(‡)</sup>	5	-	5																									5	
	1	2012	Total	35	-	35																									35	
	1	2013	NAVY	18 <sup>(8)</sup>	-	18																									18	
	1	2013	AF <sup>(‡)</sup>	4	-	4																									4	
	1	2013	Total	22	-	22																									22	
	1	2014	NAVY	19 <sup>(9)</sup>	-	19																									19	
	1	2014	AF <sup>(‡)</sup>	4	-	4																									4	
	1	2014	Total	23	-	23																									23	
	1	2015	NAVY	19	-	19																									19	
	1	2016	NAVY	19	-	19																									19	
1.1.3) Engines/Eng Acc																																
Prior Years Deliveries: 430																																
	2	2012	NAVY	60	-	60																									60	
	2	2012	AF <sup>(‡)</sup>	10	-	10																									10	
	2	2012	Total	70	-	70																									70	
	2	2013	NAVY	36 <sup>(10)</sup>	-	36																									36	
	2	2013	AF <sup>(‡)</sup>	4	-	4																									4	
	2	2013	Total	40	-	40																									40	
	2	2014	NAVY	38 <sup>(11)</sup>	-	38																									38	
	2	2014	AF <sup>(‡)</sup>	8	-	8																									8	
	2	2014	Total	46	-	46																									46	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015														
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)												Item Number / Title [DODIC]: 1 / 0164 MV-22														
Cost Elements (Units in Each)							Fiscal Year 2008										Fiscal Year 2009																
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2007	BAL DUE AS OF 1 OCT	Calendar Year 2008																Calendar Year 2009										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
	2	2015	NAVY	38	-	38																									38		
	2	2016	NAVY	38	-	38																									38		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015														
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)										Item Number / Title [DODIC]: 1 / 0164 MV-22													
Cost Elements (Units in Each)							Fiscal Year 2010										Fiscal Year 2011																
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010										Calendar Year 2011														B A L		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
1.1.1) Airframe/CFE <sup>(1)</sup>																																	
Prior Years Deliveries: 183																																	
	1	2008	NAVY	2 <sup>(6)</sup>	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
	1	2008	AF <sup>(‡)</sup>	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
	1	2008	Total	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
	1	2011	NAVY	30 <sup>(7)</sup>	-	30													A -	-	-	-	-	-	-	-	-	-	-	-	30		
	1	2011	AF <sup>(‡)</sup>	5	-	5													A -	-	-	-	-	-	-	-	-	-	-	-	5		
	1	2011	Total	35	-	35													-	-	-	-	-	-	-	-	-	-	-	-	35		
	1	2012	NAVY	30	-	30																									30		
	1	2012	AF <sup>(‡)</sup>	5	-	5																									5		
	1	2012	Total	35	-	35																									35		
	1	2013	NAVY	18 <sup>(8)</sup>	-	18																									18		
	1	2013	AF <sup>(‡)</sup>	4	-	4																									4		
	1	2013	Total	22	-	22																									22		
	1	2014	NAVY	19 <sup>(9)</sup>	-	19																									19		
	1	2014	AF <sup>(‡)</sup>	4	-	4																									4		
	1	2014	Total	23	-	23																									23		
	1	2015	NAVY	19	-	19																									19		
	1	2016	NAVY	19	-	19																									19		
1.1.3) Engines/Eng Acc																																	
Prior Years Deliveries: 430																																	
	2	2012	NAVY	60	-	60																									60		
	2	2012	AF <sup>(‡)</sup>	10	-	10																									10		
	2	2012	Total	70	-	70																									70		
	2	2013	NAVY	36 <sup>(10)</sup>	-	36																									36		
	2	2013	AF <sup>(‡)</sup>	4	-	4																									4		
	2	2013	Total	40	-	40																									40		
	2	2014	NAVY	38 <sup>(11)</sup>	-	38																									38		
	2	2014	AF <sup>(‡)</sup>	8	-	8																									8		
	2	2014	Total	46	-	46																									46		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																	Date: February 2015																	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)																	Item Number / Title [DODIC]: 1 / 0164 MV-22										
Cost Elements (Units in Each)							Fiscal Year 2010										Fiscal Year 2011																	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010																	Calendar Year 2011										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
	2	2015	NAVY	38	-	38																									38			
	2	2016	NAVY	38	-	38																									38			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)										Item Number / Title [DODIC]: 1 / 0164 MV-22												
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012										Fiscal Year 2013															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012										Calendar Year 2013										BAL					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
Prior Years Deliveries: 183																																
	1	2008	NAVY	2 <sup>(6)</sup>	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	
	1	2008	AF (‡)	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	
	1	2008	Total	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	2	
	1	2011	NAVY	30 <sup>(7)</sup>	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	2	3	2	3	3	3	3	6	
	1	2011	AF (‡)	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	-	1	
	1	2011	Total	35	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	4	3	2	3	4	4	3	7		
	1	2012	NAVY	30	-	30		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30		
	1	2012	AF (‡)	5	-	5		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5		
	1	2012	Total	35	-	35		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35		
	1	2013	NAVY	18 <sup>(8)</sup>	-	18															A -	-	-	-	-	-	-	-	-	18		
	1	2013	AF (‡)	4	-	4															A -	-	-	-	-	-	-	-	-	4		
	1	2013	Total	22	-	22															-	-	-	-	-	-	-	-	-	22		
	1	2014	NAVY	19 <sup>(9)</sup>	-	19																								19		
	1	2014	AF (‡)	4	-	4																								4		
	1	2014	Total	23	-	23																								23		
	1	2015	NAVY	19	-	19																								19		
	1	2016	NAVY	19	-	19																								19		
1.1.3) Engines/Eng Acc																																
Prior Years Deliveries: 430																																
	2	2012	NAVY	60	-	60				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6	7	7	22	
	2	2012	AF (‡)	10	-	10				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	4		
	2	2012	Total	70	-	70				-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	8	8	26		
	2	2013	NAVY	36 <sup>(10)</sup>	-	36																A -	-	-	-	-	-	-	-	36		
	2	2013	AF (‡)	4	-	4																A -	-	-	-	-	-	-	-	4		
	2	2013	Total	40	-	40																-	-	-	-	-	-	-	-	40		
	2	2014	NAVY	38 <sup>(11)</sup>	-	38																								38		
	2	2014	AF (‡)	8	-	8																								8		
	2	2014	Total	46	-	46																								46		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																	Date: February 2015																	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)																	Item Number / Title [DODIC]: 1 / 0164 MV-22										
Cost Elements (Units in Each)							Fiscal Year 2012										Fiscal Year 2013																	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																	Calendar Year 2013										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
	2	2015	NAVY	38	-	38																									38			
	2	2016	NAVY	38	-	38																									38			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015																						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)										Item Number / Title [DODIC]: 1 / 0164 MV-22																					
Cost Elements (Units in Each)							Fiscal Year 2014										Fiscal Year 2015																								
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 3	BAL DUE AS O F 1 O C T	Calendar Year 2014																			Calendar Year 2015															B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P											
1.1.1) Airframe/CFE <sup>(1)</sup>																																									
Prior Years Deliveries: 183																																									
	1	2008	NAVY	2 <sup>(6)</sup>	1	1	-	-	-	-	-	-	-	1																				-							
	1	2008	AF <sup>(‡)</sup>	2	1	1	-	1	-	-	-	-	-	-																				-							
	1	2008	Total	4	2	2	-	1	-	-	-	-	-	1																				-							
	1	2011	NAVY	30 <sup>(7)</sup>	24	6	3	2	1																				-												
	1	2011	AF <sup>(‡)</sup>	5	4	1	1	-	-																				-												
	1	2011	Total	35	28	7	4	2	1																				-												
	1	2012	NAVY	30	-	30	-	1	2	2	3	3	2	3	2	3	3	2	4																-						
	1	2012	AF <sup>(‡)</sup>	5	-	5	-	-	-	1	-	-	1	-	1	-	1	1	-																-						
	1	2012	Total	35	-	35	-	1	2	3	3	3	3	3	3	4	3	4																-							
	1	2013	NAVY	18 <sup>(8)</sup>	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	2	2	1	2	1	2	1	2	2	2	2	2	2	1	3				
	1	2013	AF <sup>(‡)</sup>	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-	-	-	1						
	1	2013	Total	22	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	1	3							
	1	2014	NAVY	19 <sup>(9)</sup>	-	19		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19						
	1	2014	AF <sup>(‡)</sup>	4	-	4		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4						
	1	2014	Total	23	-	23		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23						
	1	2015	NAVY	19	-	19															A	-	-	-	-	-	-	-	-	-	-	-	-	-	19						
	1	2016	NAVY	19	-	19																													19						
1.1.3) Engines/Eng Acc																																									
Prior Years Deliveries: 430																																									
	2	2012	NAVY	60	38	22	6	5	6	5																				-											
	2	2012	AF <sup>(‡)</sup>	10	6	4	1	2	1	-																				-											
	2	2012	Total	70	44	26	7	7	7	5																				-											
	2	2013	NAVY	36 <sup>(10)</sup>	-	36	-	-	-	-	-	4	4	2	4	1	4	4	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2					
	2	2013	AF <sup>(‡)</sup>	4	-	4	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	2	2013	Total	40	-	40	-	-	-	-	-	4	4	4	4	3	4	4	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2						
	2	2014	NAVY	38 <sup>(11)</sup>	-	38					A	-	-	-	-	-	-	-	-	-	-	-	4	2	4	4	4	2	4	2	4	2	4	14							
	2	2014	AF <sup>(‡)</sup>	8	-	8					A	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	2	-	2	-	2	-	2								
	2	2014	Total	46	-	46					-	-	-	-	-	-	-	-	-	-	-	4	4	4	6	4	4	4	4	4	4	4	16								
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L										

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015														
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)												Item Number / Title [DODIC]: 1 / 0164 MV-22														
Cost Elements (Units in Each)							Fiscal Year 2014										Fiscal Year 2015																
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014																Calendar Year 2015										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
	2	2015	NAVY	38	-	38														A -	-	-	-	-	-	-	-	-	-	-	38		
	2	2016	NAVY	38	-	38																									38		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015													
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)										Item Number / Title [DODIC]: 1 / 0164 MV-22													
Cost Elements (Units in Each)							Fiscal Year 2016										Fiscal Year 2017																
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017										B A L						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P		
1.1.1) Airframe/CFE <sup>(1)</sup>																																	
Prior Years Deliveries: 183																																	
	1	2008	NAVY		2 <sup>(6)</sup>	2	-																										-
	1	2008	AF (‡)		2	2	-																										-
	1	2008	Total		4	4	-																										-
	1	2011	NAVY		30 <sup>(7)</sup>	30	-																										-
	1	2011	AF (‡)		5	5	-																										-
	1	2011	Total		35	35	-																										-
	1	2012	NAVY		30	30	-																										-
	1	2012	AF (‡)		5	5	-																										-
	1	2012	Total		35	35	-																										-
	1	2013	NAVY		18 <sup>(8)</sup>	16	2	1	-	-	-	-	-	-	-	-	-	-	-	1											-		
	1	2013	AF (‡)		4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-											-		
	1	2013	Total		22	19	3	2	-	-	-	-	-	-	-	-	-	-	-	1											-		
	1	2014	NAVY		19 <sup>(9)</sup>	-	19	-	2	1	2	2	2	1	1	2	1	1	2	2	-	-											-
	1	2014	AF (‡)		4	-	4	-	-	-	-	-	-	1	-	-	1	-	1	-	1											-	
	1	2014	Total		23	-	23	-	2	1	2	2	2	1	2	2	1	2	2	3	-	1											-
	1	2015	NAVY		19	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	2	2	1	2	2	2	2	3	
	1	2016	NAVY		19	-	19			A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19		
1.1.3) Engines/Eng Acc																																	
Prior Years Deliveries: 430																																	
	2	2012	NAVY		60	60	-																										-
	2	2012	AF (‡)		10	10	-																										-
	2	2012	Total		70	70	-																										-
	2	2013	NAVY		36 <sup>(10)</sup>	34	2	-	-	-	-	-	2																			-	
	2	2013	AF (‡)		4	4	-	-	-	-	-	-	-																			-	
	2	2013	Total		40	38	2	-	-	-	-	-	2																			-	
	2	2014	NAVY		38 <sup>(11)</sup>	24	14	2	2	4	2	4	-	-	-	-	-																-
	2	2014	AF (‡)		8	6	2	-	-	-	-	-	-	-	-	2																	-
	2	2014	Total		46	30	16	2	2	4	2	4	-	-	-	2																	-
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015																	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1									P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)										Item Number / Title [DODIC]: 1 / 0164 MV-22																	
Cost Elements (Units in Each)							Fiscal Year 2016										Fiscal Year 2017																			
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016																			Calendar Year 2017										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
	2	2015	NAVY	38	-	38	-	-	-	-	-	2	2	2	4	4	4	2	4	4	4	2	4											-		
	2	2016	NAVY	38	-	38				A -	-	-	-	-	-	-	-	-	-	-	-	-	2	4	4	4	2	4	4	4	14					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015											
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)													Item Number / Title [DODIC]: 1 / 0164 MV-22											
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2018												Fiscal Year 2019															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 7	BAL DUE AS OF 1 OCT				Calendar Year 2018												Calendar Year 2019												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
1.1.1) Airframe/CFE <sup>(1)</sup>																																		
Prior Years Deliveries: 183																																		
	1	2008	NAVY	2 <sup>(6)</sup>	2	-																										-		
	1	2008	AF (+)	2	2	-																										-		
	1	2008	Total	4	4	-																										-		
	1	2011	NAVY	30 <sup>(7)</sup>	30	-																										-		
	1	2011	AF (+)	5	5	-																										-		
	1	2011	Total	35	35	-																										-		
	1	2012	NAVY	30	30	-																										-		
	1	2012	AF (+)	5	5	-																										-		
	1	2012	Total	35	35	-																										-		
	1	2013	NAVY	18 <sup>(8)</sup>	18	-																										-		
	1	2013	AF (+)	4	4	-																										-		
	1	2013	Total	22	22	-																										-		
	1	2014	NAVY	19 <sup>(9)</sup>	19	-																										-		
	1	2014	AF (+)	4	4	-																										-		
	1	2014	Total	23	23	-																										-		
	1	2015	NAVY	19	16	3	1	2																			-							
	1	2016	NAVY	19	-	19	-	-	1	2	2	2	1	2	2	2	2	1	2													-		
1.1.3) Engines/Eng Acc																																		
Prior Years Deliveries: 430																																		
	2	2012	NAVY	60	60	-																										-		
	2	2012	AF (+)	10	10	-																										-		
	2	2012	Total	70	70	-																										-		
	2	2013	NAVY	36 <sup>(10)</sup>	36	-																										-		
	2	2013	AF (+)	4	4	-																										-		
	2	2013	Total	40	40	-																										-		
	2	2014	NAVY	38 <sup>(11)</sup>	38	-																										-		
	2	2014	AF (+)	8	8	-																										-		
	2	2014	Total	46	46	-																										-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)												Item Number / Title [DODIC]: 1 / 0164 MV-22												
Cost Elements (Units in Each)							Fiscal Year 2018												Fiscal Year 2019												
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018												Calendar Year 2019												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
	2	2015	NAVY	38	38	-																									-
	2	2016	NAVY	38	24	14	4	4	2	2	2																-				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy								<b>Date:</b> February 2015			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1				<b>P-1 Line Item Number / Title:</b> 0164 / V-22 (Medium Lift)				<b>Item Number / Title [DODIC]:</b> 1 / 0164 MV-22			

MFR Ref #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Bell Boeing - Amarillo, TX	16	25	44	19	3	24	27	-	2	24	26
2	Allison Engine Co. (Rolls Royce) - Indianapolis, IN	-	-	88	9	3	14	17	3	3	14	17

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

## Footnotes:

(6) FY 2008 included 2 GWOT funded MV-22 aircraft. Deliveries occurred in Dec 2012 and May 2014. FY2008 also included 5 OCO funded CV-22 aircraft with all 5 aircraft having been delivered by Nov 2013. The span of delivery of aircraft in production lots with supplemental funded aircraft (i.e. GWOT and OCO) exceed the 12 months due to production capacity and necessity to meet currently scheduled MV-22 and CV-22 deliveries. In addition, the lack of advance procurement funding for supplemental aircraft means there is a 3-year (vice 2-year) production lead time.

(7) FY 2011 included 1 OCO funded CV-22 aircraft with a planned delivery of MAY 2015.

(8) Extended delivery cycle for MV-22 aircraft delivery for FY2013 Congressional Add (Operational Loss Aircraft)

(9) Extended delivery cycle for CV-22 aircraft delivery for FY2014 Congressional Add (Operational Loss Aircraft)

(10) Extended delivery cycle for MV-22 engine delivery for FY2013 Congressional Add (Operational Loss Aircraft).

(11) Extended delivery cycle for CV-22 engine delivery for FY2014 Congressional Add (Operational Loss Aircraft).

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy										<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft							<b>P-1 Line Item Number / Title:</b> 0164 / V-22 (Medium Lift)					
<b>Program Elements for Code B Items:</b>							<b>Other Related Program Elements:</b>					
<b>Line Item MDAP/MAIS Code:</b> 212		<b>Item MDAP/MAIS Code(s):</b>										
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>To Complete</b>	<b>Total</b>
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,438.485	53.113	45.920	43.853	-	43.853	117.944	154.741	20.050	41.055	205.752	2,120.913
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,438.485	53.113	45.920	43.853	-	43.853	117.944	154.741	20.050	41.055	205.752	2,120.913
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1,438.485</b>	<b>53.113</b>	<b>45.920</b>	<b>43.853</b>	<b>-</b>	<b>43.853</b>	<b>117.944</b>	<b>154.741</b>	<b>20.050</b>	<b>41.055</b>	<b>205.752</b>	<b>2,120.913</b>

**Description:**

The V-22 is a tilt-rotor vertical takeoff and landing aircraft currently being produced for joint service application. The program provides an aircraft to meet the amphibious/vertical assault needs of the Marine Corps, the strike rescue needs of the Navy, and supplements USSOCOM special mission aircraft. The aircraft is capable of flying 2,100 miles with one refueling, and gives the Services the advantage of a Vertical/Short Takeoff and Landing (V/STOL) aircraft that can rapidly self-deploy to any location in the world.

The current procurement objective is 460: 360 MV-22 Marine Corps aircraft, 48 Navy aircraft, and 52 CV-22 aircraft for USSOCOM (funded by USSOCOM and the Air Force). The program successfully completed Milestone III in the 1st Quarter of 2006, and IOC in March of 2007.

The Advance Procurement (AP) funding will be used to procure long lead CFE items (24 months or greater production lead time) such as raw materials (inclusive of steel, titanium, aluminum, composites), forgings, bearings, fittings, panel assemblies, actuators, liners, bracket assemblies, retainer assemblies, bushings, rib assemblies, frame assemblies, pump assemblies, buffers, empennage assemblies, unions, flight control computers, lightweight inertial navigation system, skin assemblies, advanced mission computers, tube assemblies, gearboxes, and airframe structural components. V-22 lead times for components have been as high as 40.6 months (empennage assemblies). Other specific material lead items are 130 degree heavy duty hex drive bolts (39.0M), remote transmitters (36.6M), drag strut actuator assemblies (35.8M), and steering unit supplier pull (35M). All of these long lead items are essential to maintaining the current schedule.

Any reduction or delay in approval of advance procurement funding for CFE Airframe would result in a significant cost increase and schedule delay to the V-22 program.

The production of the Navy's variant will begin during the FYDP. The configuration of this variant is a modification of the MV-22 and will perform the Carrier Onboard Delivery (COD) mission and include: (1) external conformal fuel tanks to provide the capability to meet the range requirements that the COD mission demands, (2) a high frequency radio to transmit/receive beyond line of sight over water, and (3) a public address system for use while transporting passengers.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft				<b>P-1 Line Item Number / Title:</b> 0164 / V-22 (Medium Lift)			
<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>			
<b>Line Item MDAP/MAIS Code:</b> 212		<b>Item MDAP/MAIS Code(s):</b>					

Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / 0164 MV-22	P-10		- / 1,438.485	- / 53.113	- / 45.920	- / 43.853	- / -	- / 43.853
<b>Total Gross/Weapon System Cost</b>			<b>- / 1,438.485</b>	<b>- / 53.113</b>	<b>- / 45.920</b>	<b>- / 43.853</b>	<b>- / -</b>	<b>- / 43.853</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

**Justification:**  
 FY 2016 Advance Procurement funding is requested for the long-lead requirements associated with the procurement of 18 MV-22 aircraft in FY 2017. Airframe/CFE requirements are calculated on a termination liability basis, reflecting contractor's funding requirements for procurement of long lead parts and materials necessary to protect the delivery schedule.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2016 Navy					Date: February 2015	
Appropriation / Budget Activity / Budget Sub Activity:		P-1 Line Item Number / Title:			P-5 Number / Title:	
1506N / 01 / 1		0164 / V-22 (Medium Lift)			1 / 0164 MV-22	
First System (2016) Award Date: November 2013		First System (2016) Completion Date: October 2015		Interval Between Systems: 24 Months		
0164 MV-22		Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2014 <i>(Each)</i>	FY 2015 <i>(Each)</i>	FY 2016 <i>(Each)</i>
Quantity			263	19	19	19
Cost Element		When Rqd <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2014 <i>(\$ M)</i>	FY 2015 <i>(\$ M)</i>	FY 2016 <i>(\$ M)</i>
CFE						
Prior Years EOQ/Long Lead		0	1,128.530	-	-	-
FY13 Long Lead		0	59.073	-	-	-
FY14 Long Lead		0	62.484	-	-	-
FY14 EOQ		0	18.050	-	-	-
FY15 Long Lead		0	-	40.017	-	-
FY15 EOQ		0	15.690	-	-	-
FY16 Long Lead		0	-	-	40.410	-
FY16 EOQ		0	15.690	5.898	-	-
FY17 Long Lead		0	-	-	-	38.590
FY17 EOQ		0	14.870	3.546	-	-
Total: CFE			1,314.387	49.461	40.410	38.590
GFE						
GFE Other		0	86.028	-	-	-
GFE Com/Nav		0	18.150	1.770	3.000	2.579
GFE EW		0	19.920	1.882	2.510	2.684
Total: GFE			124.098	3.652	5.510	5.263
Total Advance Procurement/Obligation Authority			1,438.485	53.113	45.920	43.853

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2016 Navy						Date: February 2015	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1		P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)				P-5 Number / Title: 1 / 0164 MV-22	
Cost Elements	QPA (Each)	FY 2016					
		Production Leadtime (Months)	Unit Cost (\$ K)	Contract Forecast Date	2016 Qty (Each)	For FY	Total Cost Request (\$ M)
CFE							
Prior Years EOQ/Long Lead	-						-
FY13 Long Lead	-						-
FY14 Long Lead	-						-
FY14 EOQ	-						-
FY15 Long Lead	-						-
FY15 EOQ	-						-
FY16 Long Lead	-						-
FY16 EOQ	-						-
FY17 Long Lead	-						38.590
FY17 EOQ	-						-
Total: CFE							38.590
GFE							
GFE Other	-						-
GFE Com/Nav	-						2.579
GFE EW	-						2.684
Total: GFE							5.263
Total Advance Procurement/Obligation Authority							43.853
Description: Advance Procurement will be used to procure long lead items.							

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0604245N, 0206120M
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<b>Line Item MDAP/MAIS Code:</b> 101	<b>Item MDAP/MAIS Code(s):</b>											
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	186	23	31	28	-	28	27	27	27	-	-	349
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	5,525.648	664.928	899.057	863.411	-	863.411	916.653	898.395	979.856	16.889	16.476	10,781.313
Less PY Advance Procurement ( <i>\$ in Millions</i> )	165.369	64.311	60.000	63.354	-	63.354	56.168	57.232	58.324	-	-	524.758
Net Procurement (P1) ( <i>\$ in Millions</i> )	5,360.279	600.617	839.057	800.057	-	800.057	860.485	841.163	921.532	16.889	16.476	10,256.555
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	229.680	60.000	63.354	56.168	-	56.168	57.232	58.324	-	-	-	524.758
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>5,589.959</b>	<b>660.617</b>	<b>902.411</b>	<b>856.225</b>	<b>-</b>	<b>856.225</b>	<b>917.717</b>	<b>899.487</b>	<b>921.532</b>	<b>16.889</b>	<b>16.476</b>	<b>10,781.313</b>
<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> )	-	0.983	-	0.658	-	0.658	-	-	-	-	-	1.641
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	24,767.672	24,141.304	25,626.871	27,272.714	-	27,272.714	30,026.852	30,429.889	33,771.963	-	-	26,545.218
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Description: The mission of the AH-1Z 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 mission of the UH-1Y utility helicopter is to provide command and control and combat assault support during day/night and reduced weather conditions. The UH-1Y/AH-1Z procurement strategy is to convert 37 AH-1W helicopters into AH-1Zs (complete), build 152 new AH-1Zs, remanufacture ten (10) H-1N helicopters into UH-1Ys (complete), and build 150 new UH-1Y models. The UH-1Y and AH-1Z share an 85 percent common footprint, which include portions of maintenance planning, technical data, supply support, support equipment, facilities, and resources required at the intermediate and depot level maintenance activities for both structural and avionics items of repair.

Major modifications include a new 4-bladed rotor system with semiautomatic blade fold of the new composite rotor blades, performance-matched transmissions, a new 4-bladed tail rotor and drive system, upgraded landing gear, and pylon structural modifications. Both aircraft also incorporate common, modernized, and fully integrated cockpits/avionics that will reduce operator work load and improve situational awareness and safety. The UH-1Y/AH-1Z aircraft have increased maneuverability, speed, and payload capability. Additionally, the AH-1Z upgrades the current AH-1W Night Targeting System (NTS) Forward Looking Infrared (FLIR) system to a 3rd generation, staring, focal plane array FLIR that significantly extend autonomous weapons engagement ranges.

Quantities in FY 2014 and FY 2015 do not match the P-1 exhibit, they reflect the expected execution adjustments and allow for FY 2016 data to be properly analyzed and evaluated.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy							<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b> 0604245N, 0206120M		
<b>Line Item MDAP/MAIS Code:</b> 101		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / UH-1Y	P-5, P-5a, P-21		120 / 3,203.510	13 / 356.053	15 / 390.789	12 / 339.245	- / -	12 / 339.245
2 / AH-1Z	P-5, P-5a, P-21		66 / 2,322.138	10 / 308.875	16 / 508.268	16 / 524.166	- / -	16 / 524.166
<b>Total Gross/Weapon System Cost</b>			<b>186 / 5,525.648</b>	<b>23 / 664.928</b>	<b>31 / 899.057</b>	<b>28 / 863.411</b>	<b>- / -</b>	<b>28 / 863.411</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								
<p><b>Justification:</b>            Basis for FY 2016 Budget Request: Funds are requested in FY 2016 to procure 28 AH-1Z/UH-1Y helicopters. FY 2016 completes the program of record procurement of 160 UH-1Y aircraft.</p> <p>Airframe unit cost updates in FY 2014 through the FYDP reflect reduced prime contractor labor rates and subcontractor material costs as a result of implementation of Better Buying Power and should cost initiatives, aggressive negotiations, and contract type. Due to rate changes, planned quantities beginning in FY 2014 have been adjusted to allow program completion in FY 2019 vice FY 2020. FY 2014 procurement will be 23 aircraft. FY 2015 Buy-to-Budget will be 31 aircraft.</p> <p>FY 2016 GFE Electronics increases due to obsolescence of APR-39B(V)2, and Gen II Mission Computers. The cost of the new APR-39D(V)2 system doubles from the older version, \$320K to \$650K. APR-39B(V)2 was an analog system electronic design with legacy quadrant sensors, receivers, and a single blade omni antenna. APR-39D(V)2 is a digital processing system with multiband sensors, digital receivers, and a dual blade omni antenna. The new version provides significantly increased threat detection and situational awareness as well as improves AAR-47 functionality. The cost of the new Tech Refresh Mission Computer increased from the Gen II from \$137K to \$238K.</p> <p>All new engines are factored into the budget from FY 2016 through the FYDP. The program prefers to procure new T-700-401C engines for higher maintainability and reliability, increased time on wing, and ultimately lower life-cycle costs. Refurbished T-700-401C engines are procured as budget constraints warrant and the H-60 B/F sundown schedule permits. An additional determining factor for refurb engine procurement is the repair (refurb) contract ceiling for H-1, H-60, and the Fleet with General Electric Engine Services (GEES), currently at 49 engines per year.</p> <p>Armament and Ancillary changes due to realignment between cost codes of mission-required components such as M-299 missile launchers and turret components. AH-1Z Armament also includes gun barrels and M-197 20 mm guns previously harvested at no cost from AH-1W aircraft which must now be procured new, at cost, for all future lots beginning in FY 2015 Lot 12 due to unavailability of legacy components.</p> <p>Support Cost elements (Airframe PGSE, Other ILS, Pub/Tech Eq) include depot stand-up in compliance with Title 10 organic depot capability requirement.</p> <p>FY 2016 Peculiar Training Equipment includes one AH-1Z flight training device for MCAS Kaneohe Bay, HI to be awarded 2Q FY 2016.</p> <p>Resource Summary should reflect 23 aircraft in FY 2014; 31 aircraft in FY 2015.</p>								

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z							Item Number / Title [DODIC]: 1 / UH-1Y								
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:											
Resource Summary				Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
Procurement Quantity (Units in Each)				120			13			15			12			-			12		
Gross/Weapon System Cost (\$ in Millions)				3,203.510			356.053			390.789			339.245			-			339.245		
Less PY Advance Procurement (\$ in Millions)				108.315			39.859			37.188			27.152			-			27.152		
Net Procurement (P1) (\$ in Millions)				3,095.195			316.194			353.601			312.093			-			312.093		
Plus CY Advance Procurement (\$ in Millions)				148.175			37.188			27.152			-			-			-		
Total Obligation Authority (\$ in Millions)				3,243.370			353.382			380.753			312.093			-			312.093		
(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 (\$ in Thousands)				26,695.917			27,388.692			26,052.600			28,270.417			-			28,270.417		
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																					
Cost Elements		Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total				
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
Flyaway Cost																					
Recurring Cost																					
1.1.1) Airframe/CFE <sup>(††)</sup> (1)		17,780.033	120	2,133.604	18,762.312	13	243.910	18,916.883	15	283.753	19,384.069	12	232.609	-	-	-	19,384.069	12	232.609		
1.1.2) GFE Electronics (2)		-	-	212.876	-	-	30.699	-	-	35.408	-	-	35.221	-	-	-	-	-	35.221		
1.1.3) Engines/Eng Acc (new) <sup>(††)</sup> (3)		525.076	224	117.617	-	-	-	-	-	-	819.806	24	19.675	-	-	-	819.806	24	19.675		
1.1.4) Engines/Eng Acc (refurb) <sup>(††)</sup>		428.813	16	6.861	370.985	26	9.646	377.291	30	11.319	-	-	-	-	-	-	-	-	-		
1.1.5) Armament		-	-	1.526	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1.1.6) Other GFE		-	-	38.767	-	-	2.547	-	-	2.713	-	-	2.280	-	-	-	-	-	2.280		
1.1.7) ECO		-	-	51.031	-	-	4.878	-	-	5.675	-	-	4.652	-	-	-	-	-	4.652		
Subtotal: Recurring Cost		-	-	2,562.282	-	-	291.680	-	-	338.868	-	-	294.437	-	-	-	-	-	294.437		
Non Recurring Cost																					
1.2.1) Non-Recur Cost		-	-	125.857	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1.2.2) Ancillary Equip		-	-	14.815	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Subtotal: Non Recurring Cost		-	-	140.672	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Subtotal: Flyaway Cost		-	-	2,702.954	-	-	291.680	-	-	338.868	-	-	294.437	-	-	-	-	-	294.437		
Support Cost																					
2.1) Airframe PGSE <sup>(4)</sup>		-	-	137.644	-	-	12.973	-	-	15.280	-	-	11.947	-	-	-	-	-	11.947		

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<b>Exhibit P-5, Cost Analysis: PB 2016 Navy</b>										<b>Date:</b> February 2015							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1						<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z						<b>Item Number / Title [DODIC]:</b> 1 / UH-1Y					

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :										<b>MDAP/MAIS Code:</b>							
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Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.

Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.2) Pec trng Eq	-	-	95.794	-	-	17.884	-	-	2.033	-	-	1.662	-	-	-	-	-	1.662
2.3) Pub/Tech Eq <sup>(5)</sup>	-	-	76.450	-	-	3.914	-	-	4.363	-	-	3.019	-	-	-	-	-	3.019
2.4) Prod Eng Supt	-	-	106.497	-	-	11.579	-	-	12.681	-	-	12.898	-	-	-	-	-	12.898
2.5) Other ILS <sup>(6)</sup>	-	-	81.178	-	-	18.023	-	-	17.564	-	-	15.282	-	-	-	-	-	15.282
2.6) Reclamation	-	-	2.993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support Cost</i>	-	-	<i>500.556</i>	-	-	<i>64.373</i>	-	-	<i>51.921</i>	-	-	<i>44.808</i>	-	-	<i>-</i>	-	-	<i>44.808</i>
<b>Gross/Weapon System Cost</b>	<b>26,695.917</b>	<b>120</b>	<b>3,203.510</b>	<b>27,388.692</b>	<b>13</b>	<b>356.053</b>	<b>26,052.600</b>	<b>15</b>	<b>390.789</b>	<b>28,270.417</b>	<b>12</b>	<b>339.245</b>	-	-	<b>-</b>	<b>28,270.417</b>	<b>12</b>	<b>339.245</b>

(†) indicates the presence of a P-5a

**Footnotes:**

(1) Airframe unit cost updates in FY 2014 through the FYDP reflect reduced prime contractor labor rates and subcontractor material costs as a result of implementation of Better Buying Power and should cost initiatives, aggressive negotiations, and contract type. Due to rate changes, planned quantities beginning in FY 2014 have been adjusted to allow program completion in FY 2019 vice FY 2020. FY 2016 completes the program of record procurement of 160 UH-1Y aircraft.

(2) FY 2016 GFE Electronics increase due to obsolescence of APR-39B(V)2 and Gen II Mission Computers. The cost of the new APR-39D(V)2 system doubles from the older version, \$320K to \$650K. APR-39B was an analog system electronic design with legacy quadrant sensors, receivers, and a single blade omni antenna. APR-39D(V)2 is a digital processing system with multiband sensors, digital receivers, and a dual blade omni antenna. The new version provides significantly increased threat detection and situational awareness as well as improves AAR-47 functionality. The cost of the new Tech Refresh Mission Computer increased from the Gen II from \$137K to \$238K.

(3) All new engines are factored into the budget from FY 2016 through the FYDP. The program prefers to procure new T-700-401C engines for higher maintainability and reliability, increased time on wing, and ultimately lower life-cycle costs. Refurbished T-700-401C engines are procured as budget constraints warrant and the H-60 B/F sundown schedule permits. An additional determining factor for refurb engine procurement is the repair (refurb) contract ceiling for H-1, H-60, and the Fleet with General Electric Engine Services (GEES), currently at 49 engines per year.

(4) Airframe PGSE includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability.

(5) FY 2016 Pub/Tech Equipment includes publications in support of new requirements for overhaul procedures, which lowers total ownership costs across the life cycle.

(6) Other ILS includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability requirement.

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Exhibit P-5a, Procurement History and Planning: PB 2016 Navy								Date: February 2015				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1				P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z				Item Number / Title [DODIC]: 1 / UH-1Y				
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>	✓	2009	Bell Helicopter Textron, Inc <sup>(7)</sup> / Hurst, TX	C / FFP	NAVAIR	Sep 2009	Nov 2012	4	18,029.000	Y	Jan 2009	Aug 2007
1.1.1) Airframe/CFE <sup>(†)</sup>	✓	2010	Bell Helicopter Textron, Inc <sup>(7)</sup> / Hurst, TX	C / FFP	NAVAIR	Jul 2011	Jan 2014	1	19,101.000	Y	Jan 2010	Aug 2008
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	Bell Helicopter Textron, Inc <sup>(7)</sup> / Hurst, TX	C / FPIF	NAVAIR	Dec 2012	Dec 2014	16	19,679.620	Y	Jan 2013	Jan 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	Bell Helicopter Textron, Inc <sup>(7)</sup> / Hurst, TX	C / FPIF	NAVAIR	May 2014	Jan 2016	13	18,762.312	Y	Jan 2014	Jan 2013
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	Bell Helicopter Textron, Inc <sup>(7)</sup> / Hurst, TX	C / FPIF	NAVAIR	Jun 2015	Oct 2016	15	18,916.883	Y	Jan 2015	Jan 2014
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	Bell Helicopter Textron, Inc <sup>(7)</sup> / Hurst, TX	C / FPIF	NAVAIR	Jan 2016	Oct 2017	12	19,384.069	Y	Jan 2016	Jan 2015
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>		2011	General Electric, Co. / Lynn, MA	C / FFP	AMCOM	Jun 2011	Feb 2012	36	295.278	Y	Oct 2010	
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>		2012	General Electric, Co. / Lynn, MA	C / FFP	AMCOM	Mar 2012	Mar 2013	30	738.500	Y	Oct 2011	
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>		2013	General Electric, Co. / Lynn, MA	C / FFP	AMCOM	Jan 2013	Oct 2014	16	814.507	Y	Oct 2012	
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>		2016	General Electric, Co. / Lynn, MA	C / FFP	AMCOM	Jan 2016	Jan 2017	24	819.806	Y	Oct 2015	
1.1.4) Engines/Eng Acc (refurb) <sup>(†)</sup>		2013	GE Engine Services / Cincinnati, OH	C / IDIQ	NAVAIR	Jan 2013	Mar 2014	16	428.795	Y	Nov 2012	
1.1.4) Engines/Eng Acc (refurb) <sup>(†)</sup>		2014	GE Engine Services / Cincinnati, OH	C / IDIQ	NAVAIR	Apr 2014	Apr 2014	26	370.985	N	Apr 2014	
1.1.4) Engines/Eng Acc (refurb) <sup>(†)</sup>		2015	GE Engine Services / Cincinnati, OH	C / IDIQ	NAVAIR	Feb 2015	Feb 2015	30	377.291	N	Feb 2015	
<b>Advance Procurement</b>												
Dynamic Component Parts		2013	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2012	Oct 2014	1	4,505.000	N	Jan 2012	Jan 2012
Dynamic Component Parts		2014	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Mar 2014	Oct 2015	1	4,203.000	N	Jan 2013	Jan 2013
Dynamic Component Parts		2015	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2014	Oct 2016	1	3,067.757	N	Jan 2014	Jan 2014
UH-1Y Cabin Materials		2013	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2012	Oct 2014	1	25,739.000	N	Jan 2012	Jan 2012
UH-1Y Cabin Materials		2014	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Mar 2014	Oct 2015	1	24,014.000	N	Jan 2013	Jan 2013
UH-1Y Cabin Materials		2015	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2014	Oct 2016	1	17,533.220	N	Jan 2014	Jan 2014
Other (forgings, bearings, shafts, castings, bolts, pins, etc.)		2013	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2012	Oct 2014	1	9,616.000	N	Jan 2012	Jan 2012
Other (forgings, bearings, shafts, castings, bolts, pins, etc.)		2014	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Mar 2014	Oct 2015	1	8,971.000	N	Jan 2013	Jan 2013
Other (forgings, bearings, shafts, castings, bolts, pins, etc.)		2015	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2014	Oct 2016	1	6,550.736	N	Jan 2014	Jan 2014
<sup>(†)</sup> indicates the presence of a P-21												

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Exhibit P-5a, Procurement History and Planning: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 1 / UH-1Y

**Footnotes:**  
(7) Production Rates reflected apply to the combined production of the UH-1Y and AH-1Z with the exception of the UH-1Y Max. Due to tooling limitations, UH-1Y Max is 19/year.

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z										Item Number / Title [DODIC]: 1 / UH-1Y												
Cost Elements (Units in Each)							Fiscal Year 2009										Fiscal Year 2010															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2008	BAL DUE AS OF 1 OCT	Calendar Year 2009										Calendar Year 2010										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
Prior Years Deliveries: 99																																
✓	1	2009	NAVY	4	-	4												A -	-	-	-	-	-	-	-	-	-	-	-	-	-	4
✓	1	2010	NAVY	1	-	1																										1
	1	2013	NAVY	16	-	16																										16
	1	2014	NAVY	13	-	13																										13
	1	2015	NAVY	15	-	15																										15
	1	2016	NAVY	12	-	12																										12
1.1.3) Engines/Eng Acc (new) <sup>(3)</sup>																																
Prior Years Deliveries: 142																																
	2	2011	NAVY	36	-	36																										36
	2	2012	NAVY	30	-	30																										30
	2	2013	NAVY	16	-	16																										16
	2	2016	NAVY	24	-	24																										24
1.1.4) Engines/Eng Acc (refurb)																																
	3	2013	NAVY	16	-	16																										16
	3	2014	NAVY	26	-	26																										26
	3	2015	NAVY	30	-	30																										30
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																								Date: February 2015											
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z										Item Number / Title [DODIC]: 1 / UH-1Y															
Cost Elements (Units in Each)						Fiscal Year 2011														Fiscal Year 2012															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011														Calendar Year 2012														B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1.1.1) Airframe/CFE <sup>(1)</sup>																																			
Prior Years Deliveries: 99																																			
✓	1	2009	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
✓	1	2010	NAVY	1	-	1											A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
	1	2013	NAVY	16	-	16																											16		
	1	2014	NAVY	13	-	13																											13		
	1	2015	NAVY	15	-	15																											15		
	1	2016	NAVY	12	-	12																											12		
1.1.3) Engines/Eng Acc (new) <sup>(3)</sup>																																			
Prior Years Deliveries: 142																																			
	2	2011	NAVY	36	-	36										A	-	-	-	-	-	-	-	-	-	2	3	2	2	3	2	4	3	15	
	2	2012	NAVY	30	-	30																				A	-	-	-	-	-	-	-	30	
	2	2013	NAVY	16	-	16																											16		
	2	2016	NAVY	24	-	24																											24		
1.1.4) Engines/Eng Acc (refurb)																																			
	3	2013	NAVY	16	-	16																											16		
	3	2014	NAVY	26	-	26																											26		
	3	2015	NAVY	30	-	30																											30		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Production Schedule: PB 2016 Navy																												Date: February 2015								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1														P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z														Item Number / Title [DODIC]: 1 / UH-1Y								
Cost Elements (Units in Each)							Fiscal Year 2015														Fiscal Year 2016															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015														Calendar Year 2016														B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
1.1.1) Airframe/CFE <sup>(1)</sup>																																				
Prior Years Deliveries: 99																																				
✓	1	2009	NAVY	4	4	-																													-	
✓	1	2010	NAVY	1	1	-																													-	
	1	2013	NAVY	16	-	16	-	-	2	-	1	1	2	1	1	2	1	1	2	1	1															-
	1	2014	NAVY	13	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	1	2	1	1	2	1						
	1	2015	NAVY	15	-	15									A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15						
	1	2016	NAVY	12	-	12														A	-	-	-	-	-	-	-	-	-	-	12					
1.1.3) Engines/Eng Acc (new) <sup>(3)</sup>																																				
Prior Years Deliveries: 142																																				
	2	2011	NAVY	36	36	-																													-	
	2	2012	NAVY	30	30	-																													-	
	2	2013	NAVY	16	-	16	4	2	2	4	2	2															-									
	2	2016	NAVY	24	-	24														A	-	-	-	-	-	-	-	-	-	-	24					
1.1.4) Engines/Eng Acc (refurb)																																				
	3	2013	NAVY	16	16	-																													-	
	3	2014	NAVY	26	24	2	-	-	-	2															-											
	3	2015	NAVY	30	-	30					A4	2	2	4	2	2	2	4	2	2	4															-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy																								<b>Date:</b> February 2015																	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1												<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z												<b>Item Number / Title [DODIC]:</b> 1 / UH-1Y																	
<b>Cost Elements</b> (Units in Each)								<b>Fiscal Year 2017</b>																<b>Fiscal Year 2018</b>																	
								<b>Calendar Year 2017</b>																<b>Calendar Year 2018</b>																	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 6	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L										
1.1.1) Airframe/CFE <sup>(1)</sup>																																									
Prior Years Deliveries: 99																																									
✓	1	2009	NAVY	4	4	-																											-								
✓	1	2010	NAVY	1	1	-																											-								
	1	2013	NAVY	16	16	-																											-								
	1	2014	NAVY	13	12	1	1																											-							
	1	2015	NAVY	15	-	15	1	1	2	1	2	1	2	1	1	1	1	1															-								
	1	2016	NAVY	12	-	12	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	2	1	1	1	1	1	-										
1.1.3) Engines/Eng Acc (new) <sup>(3)</sup>																																									
Prior Years Deliveries: 142																																									
	2	2011	NAVY	36	36	-																											-								
	2	2012	NAVY	30	30	-																											-								
	2	2013	NAVY	16	16	-																											-								
	2	2016	NAVY	24	-	24	-	-	-	2	2	2	2	2	4	2	2	2	2	2											-										
1.1.4) Engines/Eng Acc (refurb)																																									
	3	2013	NAVY	16	16	-																											-								
	3	2014	NAVY	26	26	-																											-								
	3	2015	NAVY	30	30	-																											-								
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L										

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Exhibit P-21, Production Schedule: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1					P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z				Item Number / Title [DODIC]: 1 / UH-1Y			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Bell Helicopter Textron, Inc (7) - Hurst, TX	24	26	32	12	2	24	26	12	2	24	26
2	General Electric, Co. - Lynn, MA	24	36	60	4	3	13	16	4	3	13	16
3	GE Engine Services - Cincinnati, OH	12	24	40	2	3	16	19	2	3	16	19

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**Footnotes:**

(7) Production Rates reflected apply to the combined production of the UH-1Y and AH-1Z with the exception of the UH-1Y Max. Due to tooling limitations, UH-1Y Max is 19/year.

## UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z							Item Number / Title [DODIC]: 2 / AH-1Z								
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:											
Resource Summary				Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
Procurement Quantity (Units in Each)				66			10			16			16			-			16		
Gross/Weapon System Cost (\$ in Millions)				2,322.138			308.875			508.268			524.166			-			524.166		
Less PY Advance Procurement (\$ in Millions)				57.053			24.452			22.812			36.202			-			36.202		
Net Procurement (P1) (\$ in Millions)				2,265.085			284.423			485.456			487.964			-			487.964		
Plus CY Advance Procurement (\$ in Millions)				81.505			22.812			36.202			56.168			-			56.168		
Total Obligation Authority (\$ in Millions)				2,346.590			307.235			521.658			544.132			-			544.132		
(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 (\$ in Thousands)				35,183.909			30,887.500			31,766.750			32,760.375			-			32,760.375		
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																					
Cost Elements		Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total				
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
Flyaway Cost																					
Recurring Cost																					
1.1.1) Airframe/CFE <sup>(††)</sup> (8)		19,689.636	66	1,299.516	20,027.979	10	200.280	20,307.562	16	324.921	20,543.881	16	328.702	-	-	-	20,543.881	16	328.702		
1.1.2) GFE Electronics (9)		-	-	144.960	-	-	47.087	-	-	87.386	-	-	96.407	-	-	-	-	-	96.407		
1.1.3) Engines/Eng Acc (new) <sup>(††)</sup> (10)		638.708	48	30.658	-	-	-	804.949	32	25.758	819.754	32	26.232	-	-	-	819.754	32	26.232		
1.1.4) Engines/Eng Acc (refurb) <sup>(††)</sup>		300.250	84	25.221	370.970	20	7.419	-	-	-	-	-	-	-	-	-	-	-	-		
1.1.5) Armament <sup>(11)</sup>		-	-	18.459	-	-	2.963	-	-	8.429	-	-	8.584	-	-	-	-	-	8.584		
1.1.6) Other GFE		-	-	28.452	-	-	1.815	-	-	2.573	-	-	2.700	-	-	-	-	-	2.700		
1.1.7) Rec Flyaway ECO		-	-	45.735	-	-	4.006	-	-	6.498	-	-	6.574	-	-	-	-	-	6.574		
Subtotal: Recurring Cost		-	-	1,593.001	-	-	263.570	-	-	455.565	-	-	469.199	-	-	-	-	-	469.199		
Non Recurring Cost																					
1.2.1) Non-Recur Cost		-	-	123.843	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1.2.2) Ancillary Equip (12)		-	-	186.989	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Subtotal: Non Recurring Cost		-	-	310.832	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Subtotal: Flyaway Cost		-	-	1,903.833	-	-	263.570	-	-	455.565	-	-	469.199	-	-	-	-	-	469.199		
Support Cost																					

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z						Item Number / Title [DODIC]: 2 / AH-1Z						
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.1) Airframe PGSE <sup>(13)</sup>	-	-	89.479	-	-	11.211	-	-	16.431	-	-	12.392	-	-	-	-	-	12.392
2.2) Pec Trng Eq <sup>(14)</sup>	-	-	88.522	-	-	8.702	-	-	4.749	-	-	16.059	-	-	-	-	-	16.059
2.3) Pub/Tech Eq <sup>(15)</sup>	-	-	67.518	-	-	3.221	-	-	4.475	-	-	3.488	-	-	-	-	-	3.488
2.4) Prod Eng Supt	-	-	108.595	-	-	11.676	-	-	12.906	-	-	12.126	-	-	-	-	-	12.126
2.5) Other ILS <sup>(16)</sup>	-	-	61.198	-	-	10.495	-	-	14.142	-	-	10.902	-	-	-	-	-	10.902
2.6) Reclamation	-	-	2.993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost	-	-	418.305	-	-	45.305	-	-	52.703	-	-	54.967	-	-	-	-	-	54.967
Gross/Weapon System Cost	35,183.909	66	2,322.138	30,887.500	10	308.875	31,766.750	16	508.268	32,760.375	16	524.166	-	-	-	32,760.375	16	524.166

(t) indicates the presence of a P-5a

**Footnotes:**

<sup>(8)</sup> Airframe unit cost updates in FY 2014 through the FYDP reflect reduced prime contractor labor rates and subcontractor material costs as a result of implementation of Better Buying Power and should cost initiatives, aggressive negotiations, and contract type. Due to rate changes, planned quantities beginning in FY 2014 have been adjusted to allow program completion in FY 2019 vice FY 2020.

<sup>(9)</sup> FY 2016 GFE Electronics increases due to obsolescence of APR-39B(V)2, and Gen II Mission Computers. The cost of the new APR-39D(V)2 system doubles from the older version, \$320K to \$650K. APR-39B was an analog system electronic design with legacy quadrant sensors, receivers, and a single blade omni antenna. APR-39D(V)2 is a digital processing system with multiband sensors, digital receivers, and a dual blade omni antenna. The new version provides significantly increased threat detection and situational awareness as well as improves AAR-47 functionality. The cost of the new Tech Refresh Mission Computer increased from the Gen II from \$137K to \$238K.

<sup>(10)</sup> All new engines are factored into the budget from FY 2016 through the FYDP. The program prefers to procure new T-700-401C engines for higher maintainability and reliability, increased time on wing, and ultimately lower life-cycle costs. Refurbished T-700-401C engines are procured as budget constraints warrant and the H-60 B/F sundown schedule permits. An additional determining factor for refurb engine procurement is the repair (refurb) contract ceiling for H-1, H-60, and the Fleet with General Electric Engine Services (GEES), currently at 49 engines per year.

<sup>(11)</sup> Armament and Ancillary changes due to realignment between cost codes of AH-1Z mission-required components such as M-299 missile launchers and turret components. AH-1Z Armament also includes gun barrels and M-197 20 mm guns previously harvested at no cost from AH-1W aircraft which must now be procured new, at cost, for all future lots beginning in FY 2015 Lot 12 due to unavailability of legacy components.

<sup>(12)</sup> Armament and Ancillary changes due to realignment between cost codes of AH-1Z mission-required components such as M-299 missile launchers and turret components. AH-1Z Armament also includes gun barrels and M-197 20 mm guns previously harvested at no cost from AH-1W aircraft which must now be procured new, at cost, for all future lots beginning in FY 2015 Lot 12 due to unavailability of legacy components.

<sup>(13)</sup> Airframe PGSE includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability requirement.

<sup>(14)</sup> FY 2016 Peculiar Training Equipment includes one AH-1Z flight training device for MCAS Kaneohe Bay, HI to be awarded 2Q FY 2016.

<sup>(15)</sup> FY 2016 Pub/Tech Equipment includes publications in support of new requirements for overhaul procedures, which lowers total ownership costs across the life cycle.

<sup>(16)</sup> Other ILS includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability requirement.

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Exhibit P-5a, Procurement History and Planning: PB 2016 Navy								Date: February 2015				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1			P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z					Item Number / Title [DODIC]: 2 / AH-1Z				
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE		2010	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FFP	NAVAIR	Jun 2010	Aug 2011	5	21,102.000	Y	Jan 2010	Aug 2008
1.1.1) Airframe/CFE	✓	2010 (18)	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FFP	NAVAIR	Jun 2010	Nov 2011	3	21,102.000	Y	Jan 2010	Aug 2008
1.1.1) Airframe/CFE <sup>(†)</sup>		2011 (19)	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FFP	NAVAIR	Jul 2011	Sep 2012	10	19,645.000	Y	Jan 2011	Mar 2010
1.1.1) Airframe/CFE <sup>(†)</sup>	✓	2011 (20)	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FFP	NAVAIR	Jul 2011	Dec 2014	3	19,645.000	Y	Jan 2011	Mar 2010
1.1.1) Airframe/CFE <sup>(†)</sup>		2012 (21)	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FFP	NAVAIR	Oct 2012	Oct 2013	9	20,911.040	Y	Jan 2012	Jan 2011
1.1.1) Airframe/CFE <sup>(†)</sup>	✓	2012 (22)	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FFP	NAVAIR	Oct 2012	Sep 2015	1	20,911.040	Y	Jan 2012	Jan 2011
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FPIF	NAVAIR	Dec 2012	Oct 2015	14	16,868.246	Y	Jan 2013	Jan 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FPIF	NAVAIR	May 2014	Sep 2016	10	20,027.979	Y	Jan 2014	Jan 2013
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FPIF	NAVAIR	Jun 2015	Aug 2017	15	20,307.562	Y	Jan 2015	Jan 2014
1.1.1) Airframe/CFE <sup>(†)</sup>	✓	2015	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FPIF	NAVAIR	Oct 2014	Apr 2018	1	20,307.562	Y	Jan 2015	Jan 2014
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	Bell Helicopter <sup>(17)</sup> / Fort Worth TX	C / FPIF	NAVAIR	Jan 2016	May 2018	16	20,543.881	Y	Jan 2016	Jan 2015
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>	✓	2011	General Electric Co. / Lynn, MA	C / FFP	NAVAIR	Sep 2011	May 2012	6	783.000	Y	Oct 2010	
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>		2012	General Electric Co. / Lynn, MA	C / FFP	NAVAIR	Mar 2012	Mar 2013	12	500.158	Y	Oct 2011	
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>	✓	2012	General Electric Co. / Lynn, MA	C / FFP	NAVAIR	Mar 2012	Mar 2013	2	500.158	Y	Oct 2011	
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>		2013	General Electric Co. / Lynn, MA	C / FFP	NAVAIR	Jan 2013	Jan 2015	28	577.250	Y	Oct 2012	
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>		2015	General Electric Co. / Lynn, MA	C / FFP	NAVAIR	Jan 2015	Nov 2016	30	804.949	Y	Oct 2014	
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>	✓	2015	General Electric Co. / Lynn, MA	C / FFP	NAVAIR	Oct 2014	Jul 2017	2	804.949	N	Oct 2014	
1.1.3) Engines/Eng Acc (new) <sup>(†)</sup>		2016	General Electric Co. / Lynn, MA	C / FFP	NAVAIR	Jan 2016	Aug 2017	32	819.754	Y	Oct 2015	
1.1.4) Engines/Eng Acc (refurb) <sup>(†)</sup>		2011	GE Engine Services / Cincinnati, OH	C / IDIQ	NAVAIR	Jun 2011	Mar 2012	20	364.000	Y	Oct 2010	
1.1.4) Engines/Eng Acc (refurb) <sup>(†)</sup>		2012	GE Engine Services / Cincinnati, OH	C / IDIQ	NAVAIR	Jun 2012	Dec 2012	6	345.167	Y	Oct 2011	
1.1.4) Engines/Eng Acc (refurb) <sup>(†)</sup>		2014	GE Engine Services / Cincinnati, OH	C / IDIQ	NAVAIR	Jan 2014	Oct 2014	20	370.970	Y	Oct 2013	
Advance Procurement												
AH-1Z Cabin Materials		2014	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Mar 2014	Oct 2015	1	14,732.000	N	Jan 2013	Jan 2013
AH-1Z Cabin Materials		2015	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2014	Oct 2016	1	23,378.836	N	Jan 2014	Jan 2014
AH-1Z Cabin Materials		2016	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2015	Oct 2017	1	36,272.260	N	Jan 2015	Jan 2015
AH-1Z Cabin Materials		2017	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2016	Oct 2018	1	36,958.100	N	Jan 2016	Jan 2016

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Exhibit P-5a, Procurement History and Planning: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1				P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z				Item Number / Title [DODIC]: 2 / AH-1Z				
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
AH-1Z Cabin Materials		2018	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2017	Oct 2019	1	37,664.100	N	Jan 2017	Jan 2017
AH-1Z Cabin Materials		2019	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Oct 2018	Oct 2020	-	-	N	Jan 2018	Jan 2018

(†) indicates the presence of a P-21

**Footnotes:**

(17) Production Rates reflected apply to the combined production of the UH-1Y and AH-1Z with the exception of the UH-1Y Max. Due to tooling limitations, UH-1Y Max is 19/year.

(18) FY 2010 OCO AH-1Z Airframes were executed as option buy on the Lot 7 contract, FY 2010 Supp Airframe awarded on the Lot 8 (FY 2011) contract. Unit cost reflects average for baseline and OCO/Supp AH-1Z Remanufacture and AH-1Z Build New airframes.

(19) FY 2011 Unit Cost reflects average for baseline and OCO AH-1Z Remanufacture and AH-1Z Build New airframes.

(20) FY 2011 Unit Cost reflects average for baseline and OCO AH-1Z Remanufacture and AH-1Z Build New airframes.

(21) FY 2012 Unit Cost reflects average for baseline and OCO AH-1Z Remanufacture and AH-1Z Build New airframes.

(22) FY 2012 Unit Cost reflects average for baseline and OCO AH-1Z Remanufacture and AH-1Z Build New airframes.

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Exhibit P-21, Production Schedule: PB 2016 Navy																								Date: February 2015									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1												P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z												Item Number / Title [DODIC]: 2 / AH-1Z									
Cost Elements (Units in Each)						Fiscal Year 2010												Fiscal Year 2011															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010												Calendar Year 2011														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
1.1.1) Airframe/CFE <sup>(8)</sup>																																	
Prior Years Deliveries: 21																																	
	1	2011	NAVY	10 <sup>(23)</sup>	-	10																								A -	-	-	10
✓	1	2011	NAVY	3	-	3																								A -	-	-	3
	1	2012	NAVY	9 <sup>(24)</sup>	-	9																											9
✓	1	2012	NAVY	1	-	1																											1
	1	2013	NAVY	14 <sup>(25)</sup>	-	14																											14
	1	2014	NAVY	10	-	10																											10
	1	2015	NAVY	15	-	15																											15
✓	1	2015	NAVY	1	-	1																											1
	1	2016	NAVY	16	-	16																											16
1.1.3) Engines/Eng Acc (new) <sup>(10)</sup>																																	
✓	2	2011	NAVY	6	-	6																								A -			6
	2	2012	NAVY	12	-	12																											12
✓	2	2012	NAVY	2	-	2																											2
	2	2013	NAVY	28	-	28																											28
	2	2015	NAVY	30	-	30																											30
✓	2	2015	NAVY	2	-	2																											2
	2	2016	NAVY	32	-	32																											32
1.1.4) Engines/Eng Acc (refurb)																																	
Prior Years Deliveries: 58																																	
	3	2011	NAVY	20	-	20																								A -	-	-	20
	3	2012	NAVY	6	-	6																											6
	3	2014	NAVY	20 <sup>(26)</sup>	-	20																											20
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:  
1506N / 01 / 1P-1 Line Item Number / Title:  
0178 / UH-1Y/AH-1ZItem Number / Title [DODIC]:  
2 / AH-1Z

Cost Elements (Units in Each)							Fiscal Year 2012												Fiscal Year 2013															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT				Calendar Year 2012												Calendar Year 2013												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE <sup>(8)</sup>																																		
Prior Years Deliveries: 21																																		
	1	2011	NAVY	10 <sup>(23)</sup>	-	10	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	-	1	1	-	-	1	1	2			
✓	1	2011	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3			
	1	2012	NAVY	9 <sup>(24)</sup>	-	9													A -	-	-	-	-	-	-	-	-	-	-	-	9			
✓	1	2012	NAVY	1	-	1													A -	-	-	-	-	-	-	-	-	-	-	-	1			
	1	2013	NAVY	14 <sup>(25)</sup>	-	14															A -	-	-	-	-	-	-	-	-	-	14			
	1	2014	NAVY	10	-	10																									10			
	1	2015	NAVY	15	-	15																									15			
✓	1	2015	NAVY	1	-	1																									1			
	1	2016	NAVY	16	-	16																									16			
1.1.3) Engines/Eng Acc (new) <sup>(10)</sup>																																		
✓	2	2011	NAVY	6	-	6	-	-	-	-	-	-	-	4	2																		-	
	2	2012	NAVY	12	-	12						A -	-	-	-	-	-	-	-	-	-	-	-	2	-	2	2	2	2	2	-			
✓	2	2012	NAVY	2	-	2						A -	-	-	-	-	-	-	-	-	-	-	2											-
	2	2013	NAVY	28	-	28															A -	-	-	-	-	-	-	-	-	-	28			
	2	2015	NAVY	30	-	30																									30			
✓	2	2015	NAVY	2	-	2																									2			
	2	2016	NAVY	32	-	32																									32			
1.1.4) Engines/Eng Acc (refurb)																																		
Prior Years Deliveries: 58																																		
	3	2011	NAVY	20	-	20	-	-	-	-	-	2	4	2	2	2	-	2	-	2	2	2											-	
	3	2012	NAVY	6	-	6									A -	-	-	-	-	-	2	2	2											-
	3	2014	NAVY	20 <sup>(26)</sup>	-	20																									20			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																		Date: February 2015																							
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z										Item Number / Title [DODIC]: 2 / AH-1Z																					
Cost Elements (Units in Each)							Fiscal Year 2014										Fiscal Year 2015																								
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 3	BAL DUE AS OF 1 OCT	Calendar Year 2014																	Calendar Year 2015																	B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P											
1.1.1) Airframe/CFE <sup>(8)</sup>																																									
Prior Years Deliveries: 21																																									
	1	2011	NAVY	10 <sup>(23)</sup>	8	2	-	-	-	-	-	-	-	-	-	-	2																-								
✓	1	2011	NAVY	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1										-								
	1	2012	NAVY	9 <sup>(24)</sup>	-	9	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1					-								
✓	1	2012	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			-									
	1	2013	NAVY	14 <sup>(25)</sup>	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14									
	1	2014	NAVY	10	-	10								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10									
	1	2015	NAVY	15	-	15																					A -	-	-	-	-	15									
✓	1	2015	NAVY	1	-	1													A -	-	-	-	-	-	-	-	-	-	-	-	-	1									
	1	2016	NAVY	16	-	16																										16									
1.1.3) Engines/Eng Acc (new) <sup>(10)</sup>																																									
✓	2	2011	NAVY	6	6	-																										-									
	2	2012	NAVY	12	12	-																										-									
✓	2	2012	NAVY	2	2	-																										-									
	2	2013	NAVY	28	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	-	4	2	2	4	2		2									
	2	2015	NAVY	30	-	30															A -	-	-	-	-	-	-	-	-	-	-	30									
✓	2	2015	NAVY	2	-	2														A -	-	-	-	-	-	-	-	-	-	-	-	2									
	2	2016	NAVY	32	-	32																										32									
1.1.4) Engines/Eng Acc (refurb)																																									
Prior Years Deliveries: 58																																									
	3	2011	NAVY	20	20	-																										-									
	3	2012	NAVY	6	6	-																										-									
	3	2014	NAVY	20 <sup>(26)</sup>	-	20				A -	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	16									
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L										

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy																									<b>Date:</b> February 2015						
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1										<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z										<b>Item Number / Title [DODIC]:</b> 2 / AH-1Z											
<b>Cost Elements</b> (Units in Each)							<b>Fiscal Year 2016</b>										<b>Fiscal Year 2017</b>														

## UNCLASSIFIED

<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy																									<b>Date:</b> February 2015							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1										<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z										<b>Item Number / Title [DODIC]:</b> 2 / AH-1Z												
<b>Cost Elements</b> (Units in Each)							<b>Fiscal Year 2018</b>										<b>Fiscal Year 2019</b>															
<b>O C C O</b>	<b>M F R #</b>	<b>FY</b>	<b>SERVICE</b>	<b>PROC QTY</b>	<b>ACCEPT PRIOR TO 1 OCT 2017</b>	<b>BAL DUE AS OF 1 OCT</b>	<b>Calendar Year 2018</b>										<b>Calendar Year 2019</b>															
							<b>O C T</b>	<b>N O V</b>	<b>D E C</b>	<b>J A N</b>	<b>F E B</b>	<b>M A R</b>	<b>A P R</b>	<b>M A Y</b>	<b>J U N</b>	<b>J U L</b>	<b>A U G</b>	<b>S E P</b>	<b>O C T</b>	<b>N O V</b>	<b>D E C</b>	<b>J A N</b>	<b>F E B</b>	<b>M A R</b>	<b>A P R</b>	<b>M A Y</b>	<b>J U N</b>	<b>J U L</b>	<b>A U G</b>	<b>S E P</b>	<b>B A L</b>	
1.1.1) Airframe/CFE <sup>(8)</sup>																																
Prior Years Deliveries: 21																																
	1	2011	NAVY	10 <sup>(23)</sup>	10	-																					-					
✓	1	2011	NAVY	3	3	-																					-					
	1	2012	NAVY	9 <sup>(24)</sup>	9	-																					-					
✓	1	2012	NAVY	1	1	-																					-					
	1	2013	NAVY	14 <sup>(25)</sup>	14	-																					-					
	1	2014	NAVY	10	10	-																					-					
	1	2015	NAVY	15	4	11	1	2	2	1	2	2	1											-								
✓	1	2015	NAVY	1	-	1	-	-	-	-	-	-	1											-								
	1	2016	NAVY	16	-	16	-	-	-	-	-	-	-	2	3	2	3	2	2	2											-	
1.1.3) Engines/Eng Acc (new) <sup>(10)</sup>																																
✓	2	2011	NAVY	6	6	-																					-					
	2	2012	NAVY	12	12	-																					-					
✓	2	2012	NAVY	2	2	-																					-					
	2	2013	NAVY	28	28	-																					-					
	2	2015	NAVY	30	30	-																					-					
✓	2	2015	NAVY	2	2	-																					-					
	2	2016	NAVY	32	10	22	4	4	4	4	4	6											-									
1.1.4) Engines/Eng Acc (refurb)																																
Prior Years Deliveries: 58																																
	3	2011	NAVY	20	20	-																					-					
	3	2012	NAVY	6	6	-																					-					
	3	2014	NAVY	20 <sup>(26)</sup>	20	-																					-					
							<b>O C T</b>	<b>N O V</b>	<b>D E C</b>	<b>J A N</b>	<b>F E B</b>	<b>M A R</b>	<b>A P R</b>	<b>M A Y</b>	<b>J U N</b>	<b>J U L</b>	<b>A U G</b>	<b>S E P</b>	<b>O C T</b>	<b>N O V</b>	<b>D E C</b>	<b>J A N</b>	<b>F E B</b>	<b>M A R</b>	<b>A P R</b>	<b>M A Y</b>	<b>J U N</b>	<b>J U L</b>	<b>A U G</b>	<b>S E P</b>	<b>B A L</b>	

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Exhibit P-21, Production Schedule: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1					P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z				Item Number / Title [DODIC]: 2 / AH-1Z			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Bell Helicopter <sup>(17)</sup> - Fort Worth TX	24	26	32	12	3	24	27	12	3	24	27
2	General Electric Co. - Lynn, MA	12	24	60	2	3	16	19	2	3	16	19
3	GE Engine Services - Cincinnati, OH	12	24	40	2	3	16	19	2	3	16	19

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

## Footnotes:

<sup>(17)</sup> Production Rates reflected apply to the combined production of the UH-1Y and AH-1Z with the exception of the UH-1Y Max. Due to tooling limitations, UH-1Y Max is 19/year.

<sup>(23)</sup> AH-1Z Remanufacture and AH-1Z Build New contracted under separate CLINs. Each CLIN has a separate 12-month delivery schedule. The last two airframes have a contract delivery date of November 2014.

<sup>(24)</sup> AH-1Z Remanufacture and AH-1Z Build New contracted under separate CLINs. Each CLIN has a separate 12-month delivery schedule.

<sup>(25)</sup> Foreign Military Sale of H-1 airframes resulted in the late addition of two FY 2013 airframes, which were executed on the Lot 11 contract.

<sup>(26)</sup> The FY 2014 refurbished engine contract limits each CLIN to 16 engines, and each CLIN has a separate 12-month delivery schedule.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0604245N, 0206120M
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<b>Line Item MDAP/MAIS Code:</b> 101	<b>Item MDAP/MAIS Code(s):</b>											
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost <i>(\$ in Millions)</i>	229.680	60.000	63.354	56.168	-	56.168	57.232	58.324	-	-	-	524.758
Net Procurement (P1) <i>(\$ in Millions)</i>	229.680	60.000	63.354	56.168	-	56.168	57.232	58.324	-	-	-	524.758
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>229.680</b>	<b>60.000</b>	<b>63.354</b>	<b>56.168</b>	<b>-</b>	<b>56.168</b>	<b>57.232</b>	<b>58.324</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>524.758</b>

**Description:**

The mission of the AH-1Z 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 mission of the UH-1Y utility helicopter is to provide command and control and combat assault support during day/night and reduced weather conditions. The UH-1Y/AH-1Z procurement strategy is to convert 37 AH-1W helicopters into AH-1Zs (complete), build 152 new AH-1Zs, remanufacture ten (10) H-1N helicopters into UH-1Ys (complete), and build 150 new UH-1Y models. The UH-1Y and AH-1Z share an 85 percent common footprint, which include portions of maintenance planning, technical data, supply support, support equipment, facilities, and resources required at the intermediate and depot level maintenance activities for both structural and avionics items of repair.

Major modifications include a new 4-bladed rotor system with semiautomatic blade fold of the new composite rotor blades, performance-matched transmissions, a new 4-bladed tail rotor and drive system, upgraded landing gear, and pylon structural modifications. Both aircraft also incorporate common, modernized, and fully integrated cockpits/avionics that reduce operator work load and improve situational awareness and safety. The UH-1Y/AH-1Z aircraft have increased maneuverability, speed, and payload capability. Additionally, the AH-1Z upgrades the current Night Targeting Forward Looking InfraRed (FLIR) system to a 3rd generation, staring, focal plane array FLIR that significantly extend autonomous weapons engagement ranges.

Basis for FY 2016 Budget Request: Funds are requested in FY 2016 to procure 28 AH-1Z/UH-1Y helicopters in FY 2017.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0604245N, 0206120M
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<b>Line Item MDAP/MAIS Code:</b> 101	<b>Item MDAP/MAIS Code(s):</b>
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Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / UH-1Y	P-10		- / 148.175	- / 37.188	- / 27.152	- / -	- / -	- / -
2 / AH-1Z	P-10		- / 81.505	- / 22.812	- / 36.202	- / 56.168	- / -	- / 56.168
<b>Total Gross/Weapon System Cost</b>			<b>- / 229.680</b>	<b>- / 60.000</b>	<b>- / 63.354</b>	<b>- / 56.168</b>	<b>- / -</b>	<b>- / 56.168</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

**Justification:**

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z		<b>P-5 Number / Title:</b> 1 / UH-1Y	
<b>First System (2016) Award Date:</b> January 2013		<b>First System (2016) Completion Date:</b> October 2015			<b>Interval Between Systems:</b> 1 Months	
<b>UH-1Y</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2014</b> <i>(Each)</i>	<b>FY 2015</b> <i>(Each)</i>	<b>FY 2016</b> <i>(Each)</i>
Quantity			120	13	15	12
<b>Cost Element</b>		<b>When Rqd</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2014</b> <i>(\$ M)</i>	<b>FY 2015</b> <i>(\$ M)</i>	<b>FY 2016</b> <i>(\$ M)</i>
<b>CFE</b>						
Dynamic Component Parts <sup>(†)</sup>		0	16.150	4.203	3.068	-
UH-1Y Cabin Materials <sup>(†)</sup>		7	97.624	24.014	17.533	-
Other (forgings, bearings, shafts, castings, bolts, pins, etc.) <sup>(†)</sup>		13	34.401	8.971	6.551	-
<i>Total: CFE</i>			<i>148.175</i>	<i>37.188</i>	<i>27.152</i>	<i>-</i>
<b>Total Advance Procurement/Obligation Authority</b>			<b>148.175</b>	<b>37.188</b>	<b>27.152</b>	<b>-</b>

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):</b> PB 2016 Navy						<b>Date:</b> February 2015
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z			<b>P-5 Number / Title:</b> 1 / UH-1Y

Cost Elements	QPA <i>(Each)</i>	FY 2016					
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ K)</i>	Contract Forecast Date	2016 Qty <i>(Each)</i>	For FY	Total Cost Request <i>(\$ M)</i>
CFE							
Dynamic Component Parts <sup>(†)</sup>	-						-
UH-1Y Cabin Materials <sup>(†)</sup>	-						-
Other (forgings, bearings, shafts, castings, bolts, pins, etc.) <sup>(†)</sup>	-						-
Total: CFE							-
Total Advance Procurement/Obligation Authority							-

**Description:**  
The Advance Procurement (AP) funding will be used to procure long lead CFE items (24 months or greater production lead time) such as raw materials (inclusive of steel, titanium, aluminum, composites), castings, forgings, bearings, actuators, tube assemblies, panel assemblies, gearboxes and airframe structural components. H-1 lead times for components have been as high as 59 months. The H-1 program has been actively pursuing lead time reductions and the current longest lead component is in excess of 43 months (mast forging). Some specific material lead items are other forgings (39M), bearings (37M), actuators (28M). All of these long lead items are essential to maintaining the current schedule in support of the Fleet Marine Forces and the transition to the UH-1Y and the AH-1Z.

Any reduction or delay in approval of advance procurement funding for CFE Airframe would result in a significant cost increase and schedule delay to the H-1 program.

<sup>(†)</sup> indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z		<b>P-5 Number / Title:</b> 2 / AH-1Z	
<b>First System (2016) Award Date:</b> January 2013		<b>First System (2016) Completion Date:</b> October 2015			<b>Interval Between Systems:</b> 1 Months	
<b>AH-1Z</b>		<b>Production Leadtime</b> (Months)	<b>Prior Years</b> (Each)	<b>FY 2014</b> (Each)	<b>FY 2015</b> (Each)	<b>FY 2016</b> (Each)
Quantity			66	10	16	16
<b>Cost Element</b>		<b>When Rqd</b> (Months)	<b>Prior Years</b> (\$ M)	<b>FY 2014</b> (\$ M)	<b>FY 2015</b> (\$ M)	<b>FY 2016</b> (\$ M)
<b>CFE</b>						
AH-1Z Cabin Materials (†)		7	52.633	14.732	23.379	36.272
Dynamic Component Parts		8	9.208	2.577	4.090	6.345
Other (forgings, bearings, shafts, castings, bolts, pins, etc.)		13	19.664	5.503	8.733	13.551
<i>Total: CFE</i>			81.505	22.812	36.202	56.168
<b>Total Advance Procurement/Obligation Authority</b>			<b>81.505</b>	<b>22.812</b>	<b>36.202</b>	<b>56.168</b>

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1		<b>P-1 Line Item Number / Title:</b> 0178 / UH-1Y/AH-1Z			<b>P-5 Number / Title:</b> 2 / AH-1Z

Cost Elements	QPA <i>(Each)</i>	FY 2016					
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ K)</i>	Contract Forecast Date	2016 Qty <i>(Each)</i>	For FY	Total Cost Request <i>(\$ M)</i>
CFE							
AH-1Z Cabin Materials <sup>(†)</sup>	-	24	36,272.260	Oct 2015	1		36.272
Dynamic Component Parts	1						6.345
Other (forgings, bearings, shafts, castings, bolts, pins, etc.)	-						13.551
Total: CFE							56.168
Total Advance Procurement/Obligation Authority							56.168

**Description:**  
The Advance Procurement (AP) funding will be used to procure long lead CFE items (24 months or greater production lead time) such as raw materials (inclusive of steel, titanium, aluminum, composites), castings, forgings, bearings, actuators, tube assemblies, panel assemblies, gearboxes and airframe structural components. H-1 lead times for components have been as high as 59 months. The H-1 program has been actively pursuing lead time reductions and the current longest lead component is in excess of 43 months (mast forging). Some specific material lead items are other forgings (39M), bearings (37M), actuators (28M). All of these long lead items are essential to maintaining the current schedule in support of the Fleet Marine Forces and the transition to the UH-1Y and the AH-1Z.

Any reduction or delay in approval of advance procurement funding for CFE Airframe would result in a significant cost increase and schedule delay to the H-1 program.

<sup>(†)</sup> indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy										<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft							<b>P-1 Line Item Number / Title:</b> 0179 / MH-60S (MYP)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>Line Item MDAP/MAIS Code:</b> 282			<b>Item MDAP/MAIS Code(s):</b>									
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	249	18	8	-	-	-	-	-	-	-	-	275
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	6,096.249	432.774	218.026	28.232	-	28.232	-	-	-	-	-	6,775.281
Less PY Advance Procurement ( <i>\$ in Millions</i> )	1,050.986	67.856	35.886	-	-	-	-	-	-	-	-	1,154.728
Net Procurement (P1) ( <i>\$ in Millions</i> )	5,045.263	364.918	182.140	28.232	-	28.232	-	-	-	-	-	5,620.553
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	1,123.938	30.790	-	-	-	-	-	-	-	-	-	1,154.728
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>6,169.201</b>	<b>395.708</b>	<b>182.140</b>	<b>28.232</b>	<b>-</b>	<b>28.232</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,775.281</b>
<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> )	-	0.568	-	-	-	-	-	-	-	-	-	0.568
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	20,479.217	20,661.667	21,925.000	-	-	-	-	-	-	-	-	20,533.218
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	24,482.928	24,043.000	27,253.250	-	-	-	-	-	-	-	-	24,637.385
<p><b>Description:</b></p> <p>The primary roles of the aircraft are to conduct vertical replenishment, day/night ship-to-ship, ship-to-shore, and shore-to-ship external transfer of cargo; internal transport of passengers, mail and cargo, vertical onboard delivery; airhead operations, and day/night search and rescue. Armed Helo and Airborne Mine Countermeasures (AMCM) have been added as primary mission areas for the MH-60S, being completed as block upgrades to the platform. Armed Helo provides the Navy with organic Surface Warfare, Force Protection and Combat Search and Rescue capabilities. Additional Armed Helo mission areas include Special Warfare Support, Maritime Interdiction Operations and Carrier Plane Guard. Airborne Mine Countermeasures provides an organic capability for the Littoral Combat Ship Mine Countermeasures Mission Package. Secondary roles include torpedo and drone recovery, noncombatant evacuation operations, Navy SEAL and Explosive Ordnance Disposal support.</p> <p><b>Note:</b></p> <p>1. Initial Spares Total is \$176.085 vice \$0.568 because Prior Year Spares should reflect \$175.517 vice \$0.</p>												

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft				<b>P-1 Line Item Number / Title:</b> 0179 / MH-60S (MYP)				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>		<b>Other Related Program Elements:</b>			
<b>Line Item MDAP/MAIS Code:</b> 282		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / MH-60S (MYP)	P-5, P-5a, P-21		249 / 6,096.249	18 / 432.774	8 / 218.026	- / 28.232	- / -	- / 28.232
<b>Total Gross/Weapon System Cost</b>			<b>249 / 6,096.249</b>	<b>18 / 432.774</b>	<b>8 / 218.026</b>	<b>- / 28.232</b>	<b>- / -</b>	<b>- / 28.232</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								

**Justification:**

Basis for the FY 2016 budget request: The FY 2016 request in Cost Element 2.7 provides for the annualized support of the final deliveries of aircraft, trainers, ancillary, PGSE, and pubs required for program and Contract Data Requirement List (CDRL) closeout; as well as, acquisition program closeout activities.

FY 2012 - 2015 reflects pricing of awarded multi-year contracts for Mission Avionics/Common Cockpit (MYP2) and Airframe (MYP-8, joint with the Army/Navy).

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0179 / MH-60S (MYP)						Item Number / Title [DODIC]: 1 / MH-60S (MYP)								
ID Code (A=Service Ready, B=Not Service Ready) :									MDAP/MAIS Code:												
Resource Summary				Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
Procurement Quantity <i>(Units in Each)</i>				249			18			8			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>				6,096.249			432.774			218.026			28.232			-			28.232		
Less PY Advance Procurement <i>(\$ in Millions)</i>				1,050.986			67.856			35.886			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>				5,045.263			364.918			182.140			28.232			-			28.232		
Plus CY Advance Procurement <i>(\$ in Millions)</i>				1,123.938			30.790			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>				6,169.201			395.708			182.140			28.232			-			28.232		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																					
Initial Spares <i>(\$ in Millions)</i>				-			0.568			-			-			-			-		
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				24,482.928			24,043.000			27,253.250			-			-			-		
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																					
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total					
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)			
Flyaway Cost																					
Recurring Cost																					
1.1.1) Airframe/CFE <sup>(†)</sup>	12,831.133	249	3,194.952	14,303.500	18	257.463	15,227.375	8	121.819	-	-	-	-	-	-	-	-	-			
1.1.2) GFE Electronics <sup>(†)</sup>	2,357.450	249	587.005	2,513.514	18	45.243	2,592.625	8	20.741	-	-	-	-	-	-	-	-	-			
1.1.3) Engines/Eng Acc <sup>(†)</sup>	716.639	504	361.186	804.418	30	24.133	-	-	-	-	-	-	-	-	-	-	-	-			
1.1.4) Engines/Engine Acc (refurb) <sup>(†)</sup>	-	-	-	-	-	-	390.000	16	6.240	-	-	-	-	-	-	-	-	-			
1.1.5) other GFE	90.848	349	31.706	225.357	18	4.056	192.250	8	1.538	-	-	-	-	-	-	-	-	-			
Subtotal: Recurring Cost	-	-	4,174.849	-	-	330.895	-	-	150.338	-	-	-	-	-	-	-	-	-			
Non Recurring Cost																					
1.2.1) Non-Recur Cost (1)	-	-	226.431	-	-	10.483	-	-	18.615	-	-	-	-	-	-	-	-	-			
1.2.2) Ancillary Equipment	-	-	698.045	-	-	30.532	-	-	6.447	-	-	-	-	-	-	-	-	-			
Subtotal: Non Recurring Cost	-	-	924.476	-	-	41.015	-	-	25.062	-	-	-	-	-	-	-	-	-			
Subtotal: Flyaway Cost	-	-	5,099.325	-	-	371.910	-	-	175.400	-	-	-	-	-	-	-	-	-			
Support Cost																					
2.1) Airframe PGSE	-	-	71.649	-	-	2.854	-	-	3.626	-	-	-	-	-	-	-	-	-			
2.2) Engine PGSE	-	-	4.644	-	-	0.192	-	-	0.197	-	-	-	-	-	-	-	-	-			
2.3) Avionics PGSE	-	-	79.361	-	-	3.252	-	-	10.747	-	-	-	-	-	-	-	-	-			

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0179 / MH-60S (MYP)						Item Number / Title [DODIC]: 1 / MH-60S (MYP)						
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.4) Pec Trng Eq	-	-	342.025	-	-	24.472	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Pub/Tech Eq	-	-	52.493	-	-	2.436	-	-	2.495	-	-	-	-	-	-	-	-	-
2.6) Other ILS	-	-	67.849	-	-	6.334	-	-	6.330	-	-	-	-	-	-	-	-	-
2.7) Field Activities <sup>(2)</sup>	-	-	356.308	-	-	20.824	-	-	18.731	-	-	28.232	-	-	-	-	-	28.232
2.8) Production Eng Support	-	-	22.595	-	-	0.500	-	-	0.500	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost	-	-	996.924	-	-	60.864	-	-	42.626	-	-	28.232	-	-	-	-	-	28.232
Gross/Weapon System Cost	24,482.928	249	6,096.249	24,043.000	18	432.774	27,253.250	8	218.026	-	-	28.232	-	-	-	-	-	28.232

(t) indicates the presence of a P-5a

**Footnotes:**

<sup>(1)</sup> Cost Element 1.2.1- FY14 funding provided to implement software product improvements in the production line to facilitate an open, modular software architecture for future post production modification and sustainment.

<sup>(2)</sup> Cost Element 2.7 FY 2016 Field Activities provides annualized support for final delivery of aircraft, ancillary, trainers, PGSE, final CDRL acceptance for ILS and pubs/data, and closeout efforts; as well as, acquisition program closeout activities.

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Exhibit P-5a, Procurement History and Planning: PB 2016 Navy								Date: February 2015				
Appropriation / Budget Activity / Budget Sub Activity:				P-1 Line Item Number / Title:				Item Number / Title [DODIC]:				
1506N / 01 / 1				0179 / MH-60S (MYP)				1 / MH-60S (MYP)				
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	Sikorsky A/C Corp / Stratford, CT	SS / FFP	Army	Dec 2012	Jul 2013	18	14,164.722	Y		Jul 2009
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	Sikorsky A/C Corp / Stratford, CT	SS / FFP	Army	Jan 2014	Jul 2014	18	14,303.500	Y		Jul 2009
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	Sikorsky A/C Corp / Stratford, CT	SS / FFP	Army	Dec 2014	Jul 2015	8	15,227.375	Y		Jul 2009
1.1.2) GFE Electronics <sup>(†)</sup>		2013	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Nov 2012	Jan 2013	18	2,440.944	Y		Dec 2009
1.1.2) GFE Electronics <sup>(†)</sup>		2014	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Dec 2013	Mar 2014	18	2,513.514	Y		Dec 2009
1.1.2) GFE Electronics <sup>(†)</sup>		2015 (3)	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Dec 2014	Mar 2015	8	2,592.625	Y		Dec 2009
1.1.3) Engines/Eng Acc <sup>(†)</sup>		2013	General Electric Co. / Lynn, MA	SS / FFP	Army	Oct 2012	Mar 2013	42	791.976	Y		Mar 2012
1.1.3) Engines/Eng Acc <sup>(†)</sup>		2014	General Electric Co. / Lynn, MA	SS / FFP	Army	Oct 2013	May 2014	30	804.418	Y		Mar 2012
1.1.4) Engines/Engine Acc (refurb) <sup>(†)</sup>		2015 (4)	Army AMCOM / Corpus Christi Army Depot	C / TBD	Army	Oct 2014	Feb 2015	16	390.000	Y		

<sup>(†)</sup> indicates the presence of a P-21

## Footnotes:

<sup>(3)</sup> Cost element 1.1.2 Government Furnished Equipment (GFE) Electronics contract award represents the Common Cockpit award; however, the unit price is incorrectly calculated based off the total GFE costs.

<sup>(4)</sup> Actual Contract Award is March 2014 as units procured with FY14 Advance Procurement funding.

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015															
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0179 / MH-60S (MYP)										Item Number / Title [DODIC]: 1 / MH-60S (MYP)															
Cost Elements (Units in Each)						Fiscal Year 2013														Fiscal Year 2014															
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013														Calendar Year 2014														B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1.1.1) Airframe/CFE																																			
Prior Years Deliveries: 231																																			
	1	2013	NAVY	18	-	18			A -	-	-	-	-	-	-	2	1	2	1	2	1	2	1	2	1	2	1	2	1			-			
	1	2013	ARMY (‡)	124	-	124			A -	-	-	-	-	-	-	13	11	8	17	12	13	7	10	8	9	9	7				-				
	1	2013	Total	142	-	142			-	-	-	-	-	-	-	15	12	10	18	14	14	9	11	10	10	11	8				-				
	1	2014	NAVY	18	-	18																A -	-	-	-	-	-	3	2	3	10				
	1	2014	ARMY (‡)	84	-	84																A -	-	-	-	-	-	9	8	6	61				
	1	2014	Total	102	-	102																-	-	-	-	-	-	12	10	9	71				
	1	2015	NAVY	8	-	8																									8				
	1	2015	ARMY (‡)	75	-	75																									75				
	1	2015	Total	83	-	83																									83				
1.1.2) GFE Electronics																																			
Prior Years Deliveries: 231																																			
	2	2013	NAVY	18	-	18		A -	-	-	2	1	2	1	2	1	2	1	2	1	2	1											-		
	2	2014	NAVY	18	-	18																A -	-	-	2	1	2	1	2	1	2	7			
	2	2015	NAVY	8	-	8																									8				
1.1.3) Engines/Eng Acc																																			
Prior Years Deliveries: 462																																			
	3	2013	NAVY	42	-	42	A -	-	-	-	-	4	2	4	2	4	2	4	2	4	2	4	2	4	2								-		
	3	2014	NAVY	30	-	30													A -	-	-	-	-	-	-	4	2	4	2	4	14				
1.1.4) Engines/Engine Acc (refurb)																																			
	4	2015	NAVY	16	-	16																									16				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015																
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0179 / MH-60S (MYP)													Item Number / Title [DODIC]: 1 / MH-60S (MYP)																
Cost Elements (Units in Each)							Fiscal Year 2015													Fiscal Year 2016																			
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 4	BAL D U E A S O F 1 O C T	Calendar Year 2015													Calendar Year 2016													B A L						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P									
1.1.1) Airframe/CFE																																							
Prior Years Deliveries: 231																																							
	1	2013	NAVY	18	18	-																											-						
	1	2013	ARMY (‡)	124	124	-																											-						
	1	2013	Total	142	142	-																											-						
	1	2014	NAVY	18	8	10	1	1	2	1	1	1	1	1	1																-								
	1	2014	ARMY (‡)	84	23	61	8	6	9	6	6	7	6	7	6																-								
	1	2014	Total	102	31	71	9	7	11	7	7	8	7	8	7																-								
	1	2015	NAVY	8	-	8			A -	-	-	-	-	-	-	2	1	2	1	1	1	-	-	-	-	-	-	-				-							
	1	2015	ARMY (‡)	75	-	75			A -	-	-	-	-	-	-	6	6	6	8	5	7	7	7	6	6	6	5				-								
	1	2015	Total	83	-	83			-	-	-	-	-	-	-	8	7	8	9	6	8	7	7	6	6	6	5				-								
1.1.2) GFE Electronics																																							
Prior Years Deliveries: 231																																							
	2	2013	NAVY	18	18	-																											-						
	2	2014	NAVY	18	11	7	1	2	1	2	1																						-						
	2	2015	NAVY	8	-	8			A -	-	-	2	1	2	1	1	1																						-
1.1.3) Engines/Eng Acc																																							
Prior Years Deliveries: 462																																							
	3	2013	NAVY	42	42	-																											-						
	3	2014	NAVY	30	16	14	2	4	2	4	2																						-						
1.1.4) Engines/Engine Acc (refurb)																																							
	4	2015	NAVY	16	-	16	A -	-	-	-	4	2	4	2	2	2																						-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L								

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy								<b>Date:</b> February 2015			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1				<b>P-1 Line Item Number / Title:</b> 0179 / MH-60S (MYP)					<b>Item Number / Title [DODIC]:</b> 1 / MH-60S (MYP)		

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Sikorsky A/C Corp - Stratford, CT	18	18	48	-	-	-	-	-	3	19	22
2	Lockheed Martin - Owego, NY	18	24	60	-	-	-	-	9	3	15	18
3	General Electric Co. - Lynn, MA	-	168	960	-	-	-	-	9	6	14	20
4	Army AMCOM - Corpus Christi Army Depot	-	-	-	-	5	12	17	-	-	-	-

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0179 / MH-60S (MYP)
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 282	<b>Item MDAP/MAIS Code(s):</b>											
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,123.938	30.790	-	-	-	-	-	-	-	-	-	1,154.728
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,123.938	30.790	-	-	-	-	-	-	-	-	-	1,154.728
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1,123.938</b>	<b>30.790</b>	-	-	-	-	-	-	-	-	-	<b>1,154.728</b>

**Description:**

The primary roles of the aircraft are to conduct vertical replenishment, day/night ship-to-ship, ship-to-shore, and shore-to-ship external transfer of cargo; internal transport of passengers, mail and cargo, vertical onboard delivery; airhead operations, and day/night search and rescue. Armed Helo and Airborne Mine Countermeasures (AMCM) have been added as primary mission areas for the MH-60S, being completed as block upgrades to the platform. Armed Helo provides the Navy will organic Surface Warfare, Force Protection and Combat Search and Rescue capabilities. Additional Armed Helo mission areas include Special Warfare Support, Maritime Interdiction Operations and Carrier Plane Guard. Airborne Mine Countermeasures provides an Organic AMCM capability for the Littoral Combat Ship Mine Countermeasures Mission Package. Secondary roles include torpedo and drone recovery, noncombatant evacuation operations, Navy SEAL and Explosive Ordnance Disposal support.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0179 / MH-60S (MYP)
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 282	<b>Item MDAP/MAIS Code(s):</b>
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Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / MH-60S (MYP)	P-10		- / 1,123.938	- / 30.790	- / -	- / -	- / -	- / -
<b>Total Gross/Weapon System Cost</b>			<b>- / 1,123.938</b>	<b>- / 30.790</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

**Justification:**

No FY 2016 advance procurement is required as FY 2015 is the final procurement year of the MH-60S.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1		<b>P-1 Line Item Number / Title:</b> 0179 / MH-60S (MYP)			<b>P-5 Number / Title:</b> 1 / MH-60S (MYP)	
<b>First System (2016) Award Date:</b> December 2012		<b>First System (2016) Completion Date:</b> July 2013		<b>Interval Between Systems:</b> 1 Months		
<b>MH-60S (MYP)</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2014</b> <i>(Each)</i>	<b>FY 2015</b> <i>(Each)</i>	<b>FY 2016</b> <i>(Each)</i>
Quantity			249	18	8	-
<b>Cost Element</b>	<b>When Rqd</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2014</b> <i>(\$ M)</i>	<b>FY 2015</b> <i>(\$ M)</i>	<b>FY 2016</b> <i>(\$ M)</i>	
<b>CFE</b>						
CFE - Airframe T.L.	0	341.028	-	-	-	
Airframe for FY13 EOQ/Long Lead	0	24.053	-	-	-	
Airframe for FY14 EOQ/Long Lead	0	26.712	-	-	-	
Airframe for FY15 EOQ/Long Lead	0	1.846	11.157	-	-	
<i>Total: CFE</i>		393.639	11.157	-	-	
<b>GFE</b>						
GFE - Engines T.L.	0	264.666	-	-	-	
GFE - Engines (Refurb)	0	-	6.240	-	-	
GFE - Cockpit	0	288.113	-	-	-	
Cockpit for FY13 EOQ/Long Lead	0	13.200	-	-	-	
Cockpit for FY14 EOQ/Long Lead	0	15.425	-	-	-	
Cockpit for FY15 EOQ/Long Lead	0	3.250	5.300	-	-	
A/C Misc Avionics	0	145.645	8.093	-	-	
<i>Total: GFE</i>		730.299	19.633	-	-	
<b>Total Advance Procurement/Obligation Authority</b>		<b>1,123.938</b>	<b>30.790</b>	-	-	

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):</b> PB 2016 Navy						<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1		<b>P-1 Line Item Number / Title:</b> 0179 / MH-60S (MYP)				<b>P-5 Number / Title:</b> 1 / MH-60S (MYP)	
<b>Cost Elements</b>	<b>QPA</b> <i>(Each)</i>	<b>FY 2016</b>					
		<b>Production Leadtime</b> <i>(Months)</i>	<b>Unit Cost</b> <i>(\$ K)</i>	<b>Contract Forecast Date</b>	<b>2016 Qty</b> <i>(Each)</i>	<b>For FY</b>	<b>Total Cost Request</b> <i>(\$ M)</i>
<b>CFE</b>							
CFE - Airframe T.L.	1						-
Airframe for FY13 EOQ/Long Lead	1						-
Airframe for FY14 EOQ/Long Lead	1						-
Airframe for FY15 EOQ/Long Lead	1						-
<i>Total: CFE</i>							-
<b>GFE</b>							
GFE - Engines T.L.	2						-
GFE - Engines (Refurb)	2						-
GFE - Cockpit	1						-
Cockpit for FY13 EOQ/Long Lead	1						-
Cockpit for FY14 EOQ/Long Lead	1						-
Cockpit for FY15 EOQ/Long Lead	1						-
A/C Misc Avionics	-						-
<i>Total: GFE</i>							-
<b>Total Advance Procurement/Obligation Authority</b>							-
<b>Description:</b> No FY 2016 Advance Procurement is required as FY 2015 is the final procurement year of the MH-60S.							

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0182 / MH-60R
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 191	<b>Item MDAP/MAIS Code(s):</b>
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	201	19	29	29	-	29	-	-	-	-	-	278
Gross/Weapon System Cost <i>(\$ in Millions)</i>	8,227.411	704.319	1,074.531	1,185.423	-	1,185.423	69.052	-	-	-	-	11,260.736
Less PY Advance Procurement <i>(\$ in Millions)</i>	1,048.935	137.486	197.830	215.432	-	215.432	-	-	-	-	-	1,599.683
Net Procurement (P1) <i>(\$ in Millions)</i>	7,178.476	566.833	876.701	969.991	-	969.991	69.052	-	-	-	-	9,661.053
Plus CY Advance Procurement <i>(\$ in Millions)</i>	1,280.177	212.820	106.686	-	-	-	-	-	-	-	-	1,599.683
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>8,458.653</b>	<b>779.653</b>	<b>983.387</b>	<b>969.991</b>	<b>-</b>	<b>969.991</b>	<b>69.052</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,260.736</b>

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

Initial Spares <i>(\$ in Millions)</i>	-	0.304	-	0.069	-	0.069	-	-	-	-	-	0.373
Flyaway Unit Cost <i>(\$ in Thousands)</i>	34,888.423	33,485.211	30,771.414	37,330.931	-	37,330.931	-	-	-	-	-	34,617.842
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>	40,932.393	37,069.421	37,052.793	40,876.655	-	40,876.655	-	-	-	-	-	40,506.245

**Description:**

The MH-60R Multi-Mission helicopter provides battle group protection and adds significant capability in coastal littorals and regional conflicts. The MH-60R Multi-Mission Helicopter represents a significant avionics improvement to the H-60 series helicopters by enhancing primary mission areas of Undersea Warfare and Surface Warfare. Airborne Low Frequency Sonar is added to enhance the existing acoustics suite. An added Multi-Mode Radar includes an Inverse Synthetic Aperture Radar mode (permits stand-off classification of hostile threats). An improved Electronics Surveillance Measures system will enable passive detection and targeting of radar sources not currently detectable. Pre-Planned Product Improvements includes upgrades to communication, navigation, Identification Friend or Foe, Multi-Spectral Targeting System/Forward Looking Infrared, radar, weapons, data link, safety, maintenance, airframe and mission planning systems.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy							<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0182 / MH-60R			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b>		
<b>Line Item MDAP/MAIS Code:</b> 191		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / MH-60R (MYP)	P-5, P-5a, P-21		201 / 8,227.411	19 / 704.319	29 / 1,074.531	29 / 1,185.423	- / -	29 / 1,185.423
<b>Total Gross/Weapon System Cost</b>			<b>201 / 8,227.411</b>	<b>19 / 704.319</b>	<b>29 / 1,074.531</b>	<b>29 / 1,185.423</b>	<b>- / -</b>	<b>29 / 1,185.423</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								
<p><b>Justification:</b></p> <p>Basis for the FY 2016 budget request: The FY 2016 request funds for the final procurement lot of 29 MH-60R Aircraft and associated support.</p> <p>FY 2012 - 2016 reflects pricing of awarded multi-year contracts for Mission Avionics/Common Cockpit (MYP2) and Airframe (MYP8, joint with the Army/Navy). MYP2/8 contracts have a minimum domestic quantity of 120 MH-60R (FY 2012-FY 2016).</p> <p>Totals may not add due to rounding.</p>								

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0182 / MH-60R						Item Number / Title [DODIC]: 1 / MH-60R (MYP)								
ID Code (A=Service Ready, B=Not Service Ready) :									MDAP/MAIS Code:												
Resource Summary				Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
Procurement Quantity <i>(Units in Each)</i>				201			19			29			29			-			29		
Gross/Weapon System Cost <i>(\$ in Millions)</i>				8,227.411			704.319			1,074.531			1,185.423			-			1,185.423		
Less PY Advance Procurement <i>(\$ in Millions)</i>				1,048.935			137.486			197.830			215.432			-			215.432		
Net Procurement (P1) <i>(\$ in Millions)</i>				7,178.476			566.833			876.701			969.991			-			969.991		
Plus CY Advance Procurement <i>(\$ in Millions)</i>				1,280.177			212.820			106.686			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>				8,458.653			779.653			983.387			969.991			-			969.991		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																					
Initial Spares <i>(\$ in Millions)</i>				-			0.304			-			0.069			-			0.069		
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				40,932.393			37,069.421			37,052.793			40,876.655			-			40,876.655		
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																					
Cost Elements		Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total				
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
Flyaway Cost																					
Recurring Cost																					
1.1.1) Airframe/CFE <sup>(†)</sup> (1)		15,126.990	201	3,040.525	14,610.895	19	277.607	15,101.586	29	437.946	15,704.621	29	455.434	-	-	-	15,704.621	29	455.434		
1.1.2) CFE Electronics <sup>(†)</sup>		8,425.562	201	1,693.538	7,506.684	19	142.627	7,593.448	29	220.210	7,619.993	29	220.980	-	-	-	7,619.993	29	220.980		
1.1.3) GFE Electronics <sup>(†)</sup> (2)		4,241.458	201	852.533	4,231.842	19	80.405	5,224.517	29	151.511	5,345.122	29	155.009	-	-	-	5,345.122	29	155.009		
1.1.4) Engines/Eng Acc <sup>(†)</sup>		646.142	402	259.749	736.079	38	27.971	753.828	58	43.722	755.760	58	43.834	-	-	-	755.760	58	43.834		
1.1.5) Other GFE		687.164	201	138.120	587.316	19	11.159	579.069	29	16.793	580.541	29	16.836	-	-	-	580.541	29	16.836		
1.1.6) Rec Flyaway ECO		75.102	196	14.720	-	19	-	-	29	-	-	29	-	-	-	-	-	29	-		
Subtotal: Recurring Cost		-	-	5,999.185	-	-	539.769	-	-	870.182	-	-	892.093	-	-	-	-	-	892.093		
Non Recurring Cost																					
1.2.1) Non-Recur Cost (3)		-	-	418.447	-	-	69.928	-	-	22.189	-	-	-	-	-	-	-	-	-		
1.2.2) Production Line Shutdown (4)		-	-	-	-	-	-	-	-	-	-	-	22.715	-	-	-	-	-	22.715		
1.2.3) Acquisition Program Closeout (5)		-	-	-	-	-	-	-	-	-	-	-	71.450	-	-	-	-	-	71.450		
1.2.4) Ancillary Eqpt (6)		-	-	594.941	-	-	26.522	-	-	-	-	-	96.339	-	-	-	-	-	96.339		

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0182 / MH-60R							Item Number / Title [DODIC]: 1 / MH-60R (MYP)					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Subtotal: Non Recurring Cost	-	-	1,013.388	-	-	96.450	-	-	22.189	-	-	190.504	-	-	-	-	-	190.504
Subtotal: Flyaway Cost	-	-	7,012.573	-	-	636.219	-	-	892.371	-	-	1,082.597	-	-	-	-	-	1,082.597
Support Cost																		
2.1) Airframe PGSE <sup>(7)</sup>	-	-	54.320	-	-	15.183	-	-	29.073	-	-	23.184	-	-	-	-	-	23.184
2.2) Engine PGSE	-	-	1.231	-	-	0.275	-	-	0.791	-	-	0.575	-	-	-	-	-	0.575
2.3) Avionics PGSE	-	-	258.021	-	-	18.483	-	-	34.743	-	-	22.833	-	-	-	-	-	22.833
2.4) PEC Training Equipment <sup>(8)</sup>	-	-	346.184	-	-	4.877	-	-	63.337	-	-	10.955	-	-	-	-	-	10.955
2.5) Pubs/Tech Data <sup>(9)</sup>	-	-	26.921	-	-	0.510	-	-	1.003	-	-	0.974	-	-	-	-	-	0.974
2.6) Other ILS <sup>(10)</sup>	-	-	71.473	-	-	2.530	-	-	8.509	-	-	14.573	-	-	-	-	-	14.573
2.7) Field Activities <sup>(11)</sup>	-	-	328.048	-	-	25.484	-	-	39.748	-	-	24.763	-	-	-	-	-	24.763
2.8) Production Line Support	-	-	128.640	-	-	0.758	-	-	4.956	-	-	4.969	-	-	-	-	-	4.969
Subtotal: Support Cost	-	-	1,214.838	-	-	68.100	-	-	182.160	-	-	102.826	-	-	-	-	-	102.826
Gross/Weapon System Cost	40,932.393	201	8,227.411	37,069.421	19	704.319	37,052.793	29	1,074.531	40,876.655	29	1,185.423	-	-	-	40,876.655	29	1,185.423

(t) indicates the presence of a P-5a

**Footnotes:**

<sup>(1)</sup> Cost elements 1.1.1 Airframe/CFE FY 2014 costs decreased from the FY 2015 President's budget due to a Multi-Year Procurement (MYP) contract price adjustment to reflect additional Foreign Military Sales (FMS) quantities. This cost savings was used to offset the \$30 Million program reduction received in the FY 2014 Appropriations Act. Unit cost increases from FY 2015 to FY 2016 due to previously Congressionally approved MYP contract pricing that includes the last lot of aircraft paying for higher indirect costs for overhead required through final airframe delivery in January 2018.

<sup>(2)</sup> Cost elements 1.1.3 GFE Electronics FY 2014 costs decreased from the FY 2015 President's budget due to should cost savings realized from utilizing refurbished GFE equipment. This cost savings was used to offset the \$30 Million program reduction received in the FY 2014 Appropriations Act. Unit cost increases from FY 2015 to FY 2016 due to costs associated with the compliance of the Pension Protection Act on the Lockheed Martin MYP contract.

<sup>(3)</sup> Cost element 1.2.1 Non-Rec Cost FY2015 costs decreased \$4.614M due to a Congressional reduction for production line shutdown funding ahead of need. The actual Congressional reduction was for \$20M, but only \$4.614M of the FY 2015 Non-Recurring cost was budgeted for production line shutdown efforts. The remaining reduction of \$15.386M was taken from Pubs/Tech Data and ILS lines.

<sup>(4)</sup> In the FY 2015 President's Budget, Cost element 1.2.2 Production Line Shutdown was budgeted under Non-recurring cost element 1.2.1. The production line shutdown estimate methodology is based on a study performed by NAVAIR-4.2 (cost department). Data was collected from the following programs: A-6, B-1, C-2, EA-6, F-14, F-15, F/A-18C/D, H-53 and T-45. In addition, the estimate incorporates a study of the F-22 line shutdown. MH-60R shutdown funding provides for informed disposition of tooling, test equipment, and excess property; procures tooling and test equipment data (part number, assembly, etc.) supporting disposition decision; develops algorithm / decision tree for disposition of tooling; and executes packaging, shipment / disposal of tooling. MH-60R shutdown requirements include all common production efforts with MH-60S that will need to continue through final MH-60R deliveries; therefore, MH-60R is responsible for shutdown costs.

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<b>Exhibit P-5, Cost Analysis: PB 2016 Navy</b>		<b>Date:</b> February 2015
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1	<b>P-1 Line Item Number / Title:</b> 0182 / MH-60R	<b>Item Number / Title [DODIC]:</b> 1 / MH-60R (MYP)
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :		<b>MDAP/MAIS Code:</b>
<p>(5) In the FY 2015 President's Budget, Cost element 1.2.3 Acquisition Program Close-out was budgeted under Non-recurring cost element 1.2.1. This funding will transition the MH-60R from a sole source original equipment manufacturer (OEM) to an organic and competitive procurement environment. Specific activities include: engineering data access to establish a data sharing vehicle with Sikorsky that is required to execute NAVAIR Basic Design Engineering; provide ability to modify and build the MH-60R aircraft software and test aircraft software in a laboratory environment prior to government flight test so aircraft is not tied to the OEM for life increasing costs for insertion of capability thereby reducing likelihood of funding; software product improvement; Interactive Electronic Technical Manuals (IETM) file conversion to convert IETMs data from an OEM proprietary format to S1000D compliant version in support of last aircraft delivery, enable use of an open viewer and organic IETMs updates, and eliminate reliance on the OEM for costly IETMs updates, cost avoidance of \$34M over the life cycle of the aircraft; and a drawing Baseline Package to update ~10% of drawings ensuring baseline configuration management of data prior to line shutdown and take delivery of an updated Data Package that enables ISSC function (analysis, competitive component manufacture, system integration), reduces reliance on the OEM, enables government configuration management, and enables government as system integrator in sustainment.</p> <p>(6) Cost increase element 1.2.2 Ancillary Equipment cost increase from FY 2015 to FY 2016 is to procure final 20 Airborne Low Frequency Sonar (ALFS) units to meet program of record requirements.</p> <p>(7) Cost Element 2.1 Airframe Peculiar Ground Support Equipment (PGSE) FY2015 costs reflect a \$8.5M Congressional reduction. Cost element 2.3 Avionics PGSE FY2015 funds reflect a \$14.0M Congressional reduction. Cost Elements 2.1 Airframe PGSE, 2.2 Engine PGSE, and 2.3 Avionics PGSE requirements in FY 2016 support Title 10 United States code requirements to establish remaining program requirements for depot level maintenance and repair capabilities. Cost element 2.3 FY2016 costs are for ALFS Consolidated Automated Support System (CASS) Operational Test Program Sets (OTPS) and common cockpit depot stand-up.</p> <p>(8) Cost Element 2.4 Pec Training requirements in FY 2016 procure Avionics Operation Program (AOP) upgrades to multiple operator and maintenance trainers to incorporate final production line configuration.</p> <p>(9) Cost Element 2.5 Pubs/Tech Data FY2015 funds reflect a \$2.5M Congressional reduction, and a \$6.5M reduction due to Congressional reduction as annotated in Note (3).</p> <p>(10) Cost Element 2.6 ILS FY2015 funds reflect a \$8.9M reduction due to Congressional reduction as annotated in Note (3).</p> <p>(11) Cost element 2.7 Field Activities FY 2015 funds reflect a \$5.6M Congressional reduction. Cost element 2.7 Field Activities FY 2017 funds reflect an increase for engineering, technical, logistics, and program analysis related to the MH-60R program. These funds directly support the procurement, production verification and delivery of aircraft, government furnished equipment, trainers, support equipment, ancillary equipment and associated configuration changes. Typically, field activity funds are budgeted for on an annualized basis. Since FY 2017 is the final year of funding for the MH-60R, funds are required to support the program through final aircraft, trainer, GFE, ALFS (ancillary equipment), and support equipment deliveries which last past FY 2017. Thirty-one aircraft are scheduled to be delivered in FY 2017 and twenty aircraft are scheduled for FY 2018 deliveries. Also, funds are required for government and CSS support for final contract closeouts, acquisition program closeout and production line shutdown.</p>		

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<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Navy								<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1				<b>P-1 Line Item Number / Title:</b> 0182 / MH-60R				<b>Item Number / Title [DODIC]:</b> 1 / MH-60R (MYP)				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	Sikorsky A/C Corp / Stratford, CT	SS / FFP	Army	Dec 2012	Feb 2014	19	15,242.105	Y		Jul 2009
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	Sikorsky A/C Corp / Stratford, CT	SS / FFP	Army	Jan 2014	Feb 2015	19	14,610.895	Y		Jul 2009
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	Sikorsky A/C Corp / Stratford, CT	SS / FFP	Army	Dec 2014	Feb 2016	29	15,101.586	Y		Jul 2009
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	Sikorsky A/C Corp / Stratford, CT	C / TBD	Army	Dec 2015	Feb 2017	29	15,704.621	Y		Jul 2009
1.1.2) CFE Electronics <sup>(†)</sup>		2013	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Nov 2012	Jul 2014	19	7,127.632	Y		Dec 2009
1.1.2) CFE Electronics <sup>(†)</sup>		2014	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Nov 2013	Jul 2015	19	7,506.684	Y		Dec 2009
1.1.2) CFE Electronics <sup>(†)</sup>		2015	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Dec 2014	Jul 2016	29	7,593.448	Y		Dec 2009
1.1.2) CFE Electronics <sup>(†)</sup>		2016	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Dec 2015	Jul 2017	29	7,619.993	Y		Dec 2009
1.1.3) GFE Electronics <sup>(†)</sup>		2013	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Nov 2012	Jul 2014	19	4,753.789	Y		Dec 2009
1.1.3) GFE Electronics <sup>(†)</sup>		2014	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Dec 2013	Jul 2015	19	4,231.842	Y		Dec 2009
1.1.3) GFE Electronics <sup>(†)</sup>		2015 (12)	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Dec 2014	Jul 2016	29	5,224.517	Y		Dec 2009
1.1.3) GFE Electronics <sup>(†)</sup>		2016	Lockheed Martin / Owego, NY	SS / FFP	NAVAIR	Dec 2015	Jul 2017	29	5,345.122	Y		Dec 2009
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2013	General Electric Co. / Lynn, MA	SS / FFP	Army	Dec 2012	Jul 2013	38	727.974	Y		Mar 2012
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2014	General Electric Co. / Lynn, MA	SS / FFP	Army	Dec 2013	Jul 2014	38	736.079	Y		Mar 2012
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2015	General Electric Co. / Lynn, MA	SS / FFP	Army	Dec 2014	Aug 2015	58	753.828	Y		Mar 2012
1.1.4) Engines/Eng Acc <sup>(†)</sup>		2016	General Electric Co. / Lynn, MA	SS / FFP	Army	Dec 2015	Aug 2016	58	755.760	Y		Mar 2012

<sup>(†)</sup> indicates the presence of a P-21

## Footnotes:

<sup>(12)</sup> Cost Element 1.1.3 Government Furnished Equipment (GFE) Electronics contract award represents the Common Cockpit award; however, the unit price is incorrectly calculated based on the total GFE costs.

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0182 / MH-60R										Item Number / Title [DODIC]: 1 / MH-60R (MYP)												
Cost Elements (Units in Each)							Fiscal Year 2013										Fiscal Year 2014															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 2	BAL D U E A S O F 1 O C T	Calendar Year 2013										Calendar Year 2014										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
Prior Years Deliveries: 182																																
	1	2013	NAVY	19	-	19			A -	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	1	1	1	2	1	7	
	1	2013	ARMY (‡)	95	-	95			A -	-	-	-	-	-	-	-	-	-	-	-	-	10	8	9	9	7	9	8	6	29		
	1	2013	Total	114	-	114			-	-	-	-	-	-	-	-	-	-	-	-	-	12	10	11	10	8	10	10	7	36		
	1	2014	NAVY	19	-	19															A -	-	-	-	-	-	-	-	-	-	19	
	1	2014	ARMY (‡)	76	-	76															A -	-	-	-	-	-	-	-	-	-	76	
	1	2014	Total	95	-	95															-	-	-	-	-	-	-	-	-	-	95	
	1	2015	NAVY	29	-	29																									29	
	1	2015	ARMY (‡)	76	-	76																									76	
	1	2015	Total	105	-	105																									105	
	1	2016	NAVY	29	-	29																									29	
1.1.2) CFE Electronics																																
Prior Years Deliveries: 182																																
	2	2013	NAVY	19	-	19		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	3	11
	2	2014	NAVY	19	-	19														A -	-	-	-	-	-	-	-	-	-	-	19	
	2	2015	NAVY	29	-	29																									29	
	2	2016	NAVY	29	-	29																									29	
1.1.3) GFE Electronics <sup>(2)</sup>																																
Prior Years Deliveries: 182																																
	3	2013	NAVY	19	-	19		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	3	11
	3	2014	NAVY	19	-	19														A -	-	-	-	-	-	-	-	-	-	-	19	
	3	2015	NAVY	29	-	29																									29	
	3	2016	NAVY	29	-	29																									29	
1.1.4) Engines/Eng Acc																																
Prior Years Deliveries: 364																																
	4	2013	NAVY	38	-	38			A -	-	-	-	-	-	-	4	4	4	2	2	2	4	2	4	4	4	4	2				-
	4	2014	NAVY	38	-	38															A -	-	-	-	-	-	-	-	4	2	4	28
	4	2015	NAVY	58	-	58																									58	
	4	2016	NAVY	58	-	58																									58	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015																						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0182 / MH-60R										Item Number / Title [DODIC]: 1 / MH-60R (MYP)																						
Cost Elements (Units in Each)							Fiscal Year 2015													Fiscal Year 2016																						
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 4	BAL D U E A S O F 1 O C T	Calendar Year 2015													Calendar Year 2016													B A L									
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P												
1.1.1) Airframe/CFE <sup>(1)</sup>																																										
Prior Years Deliveries: 182																																										
	1	2013	NAVY	19	12	7	2	2	2	1																											-					
	1	2013	ARMY <sup>(‡)</sup>	95	66	29	8	6	9	6																											-					
	1	2013	Total	114	78	36	10	8	11	7																											-					
	1	2014	NAVY	19	-	19	-	-	-	-	2	1	2	2	1	2	2	2	2	1	1	1														-						
	1	2014	ARMY <sup>(‡)</sup>	76	-	76	-	-	-	-	6	6	7	6	7	6	6	6	8	5	7														-							
	1	2014	Total	95	-	95	-	-	-	-	8	7	9	8	8	8	8	8	9	6	8														-							
	1	2015	NAVY	29	-	29			A -	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	2	2	2	3	2	11												
	1	2015	ARMY <sup>(‡)</sup>	76	-	76			A -	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	5	6	6	5	9	27												
	1	2015	Total	105	-	105			-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	9	7	8	8	8	11	38												
	1	2016	NAVY	29	-	29													A -	-	-	-	-	-	-	-	-	-	-	29												
1.1.2) CFE Electronics																																										
Prior Years Deliveries: 182																																										
	2	2013	NAVY	19	8	11	1	1	1	2	1	1	1	2	1																											-
	2	2014	NAVY	19	-	19	-	-	-	-	-	-	-	-	-	2	1	2	2	1	2	2	2	2	1	1	1					-										
	2	2015	NAVY	29	-	29			A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	22											
	2	2016	NAVY	29	-	29													A -	-	-	-	-	-	-	-	-	-	-	-	29											
1.1.3) GFE Electronics <sup>(2)</sup>																																										
Prior Years Deliveries: 182																																										
	3	2013	NAVY	19	8	11	1	1	1	2	1	1	1	2	1																											-
	3	2014	NAVY	19	-	19	-	-	-	-	-	-	-	-	-	2	1	2	2	1	2	2	2	2	1	1	1					-										
	3	2015	NAVY	29	-	29			A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	22											
	3	2016	NAVY	29	-	29													A -	-	-	-	-	-	-	-	-	-	-	-	29											
1.1.4) Engines/Eng Acc																																										
Prior Years Deliveries: 364																																										
	4	2013	NAVY	38	38	-																									-											
	4	2014	NAVY	38	10	28	4	2	4	4	4	4	2	2	2																-											
	4	2015	NAVY	58	-	58			A -	-	-	-	-	-	-	-	4	4	6	4	4	4	6	4	6	6	6	4					-									
	4	2016	NAVY	58	-	58														A -	-	-	-	-	-	-	-	-	4	8	46											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L											

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0182 / MH-60R										Item Number / Title [DODIC]: 1 / MH-60R (MYP)												
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2017										Fiscal Year 2018															
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 6	BAL D U E A S O F 1 O C T	Calendar Year 2017										Calendar Year 2018										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
Prior Years Deliveries: 182																																
	1	2013	NAVY	19	19	-																										-
	1	2013	ARMY <sup>(‡)</sup>	95	95	-																										-
	1	2013	Total	114	114	-																										-
	1	2014	NAVY	19	19	-																										-
	1	2014	ARMY <sup>(‡)</sup>	76	76	-																										-
	1	2014	Total	95	95	-																										-
	1	2015	NAVY	29	18	11	3	3	3	2																					-	
	1	2015	ARMY <sup>(‡)</sup>	76	49	27	7	6	8	6																					-	
	1	2015	Total	105	67	38	10	9	11	8																					-	
	1	2016	NAVY	29	-	29	-	-	-	-	2	4	3	4	2	2	2	2	2	2	2						-					
1.1.2) CFE Electronics																																
Prior Years Deliveries: 182																																
	2	2013	NAVY	19	19	-																										-
	2	2014	NAVY	19	19	-																										-
	2	2015	NAVY	29	7	22	2	2	2	3	2	3	3	3	2																	-
	2	2016	NAVY	29	-	29	-	-	-	-	-	-	-	-	-	2	4	3	4	2	2	2	2	2	2	2	2	2	2	-		
1.1.3) GFE Electronics <sup>(2)</sup>																																
Prior Years Deliveries: 182																																
	3	2013	NAVY	19	19	-																										-
	3	2014	NAVY	19	19	-																										-
	3	2015	NAVY	29	7	22	2	2	2	3	2	3	3	3	2																	-
	3	2016	NAVY	29	-	29	-	-	-	-	-	-	-	-	-	2	4	3	4	2	2	2	2	2	2	2	2	2	2	-		
1.1.4) Engines/Eng Acc																																
Prior Years Deliveries: 364																																
	4	2013	NAVY	38	38	-																										-
	4	2014	NAVY	38	38	-																										-
	4	2015	NAVY	58	58	-																										-
	4	2016	NAVY	58	12	46	6	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy		<b>Date:</b> February 2015
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1	<b>P-1 Line Item Number / Title:</b> 0182 / MH-60R	<b>Item Number / Title [DODIC]:</b> 1 / MH-60R (MYP)

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Sikorsky A/C Corp - Stratford, CT	24	27	48	-	-	-	-	3	3	25	28
2	Lockheed Martin - Owego, NY	24	27	36	-	-	-	-	3	3	32	35
3	Lockheed Martin - Owego, NY	24	27	36	-	-	-	-	3	3	32	35
4	General Electric Co. - Lynn, MA	12	72	144	-	-	-	-	3	2	9	11

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0182 / MH-60R
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 191	<b>Item MDAP/MAIS Code(s):</b>											
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,280.177	212.820	106.686	-	-	-	-	-	-	-	-	1,599.683
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,280.177	212.820	106.686	-	-	-	-	-	-	-	-	1,599.683
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1,280.177</b>	<b>212.820</b>	<b>106.686</b>	-	-	-	-	-	-	-	-	<b>1,599.683</b>

**Description:**

The MH-60R Multi-Mission helicopter provides battle group protection and adds significant capability in coastal littorals and regional conflicts. The MH-60R Multi-Mission Helicopter represents a significant avionics improvement to the H-60 series helicopters by enhancing primary mission areas of Undersea Warfare and Surface Warfare. Airborne Low Frequency Sonar is added to enhance the existing acoustics suite. An added Multi-Mode Radar includes an Inverse Synthetic Aperture Radar mode (permits stand-off classification of hostile threats). An improved Electronics Surveillance Measures system will enable passive detection and targeting of radar sources not currently detectable. Pre-Planned Product Improvements includes upgrades to communication, navigation, Identification Friend or Foe, Multi-Spectral Targeting System/Forward Looking Infrared, radar, weapons, data link, safety, maintenance, airframe and mission planning systems.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0182 / MH-60R
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 191	<b>Item MDAP/MAIS Code(s):</b>
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Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / MH-60R (MYP)	P-10		- / 1,280.177	- / 212.820	- / 106.686	- / -	- / -	- / -
<b>Total Gross/Weapon System Cost</b>			<b>- / 1,280.177</b>	<b>- / 212.820</b>	<b>- / 106.686</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

**Justification:**

No FY 2016 advance procurement is required as FY 2016 is the final procurement year of the MH-60R.

Airframe & Avionics CFE, T.L. and miscellaneous Avionics GFE long lead requirements are necessary to maintain the MH-60R delivery schedule.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0182 / MH-60R		<b>P-5 Number / Title:</b> 1 / MH-60R (MYP)	
<b>First System (2016) Award Date:</b> April 2012		<b>First System (2016) Completion Date:</b> October 2016		<b>Interval Between Systems:</b> 1 Months		
<b>MH-60R (MYP)</b>		<b>Production Leadtime</b> (Months)	<b>Prior Years</b> (Each)	<b>FY 2014</b> (Each)	<b>FY 2015</b> (Each)	<b>FY 2016</b> (Each)
Quantity			201	19	29	29
<b>Cost Element</b>	<b>When Rqd</b> (Months)	<b>Prior Years</b> (\$ M)	<b>FY 2014</b> (\$ M)	<b>FY 2015</b> (\$ M)	<b>FY 2016</b> (\$ M)	
<b>CFE</b>						
CFE - Airframe T.L.	0	376.326	-	-	-	
CC/Avionics - T.L./Other	0	554.460	-	-	-	
<b>Total: CFE</b>		<b>930.786</b>	-	-	-	
<b>GFE</b>						
GFE Other	0	22.958	5.025	-	-	
<b>Total: GFE</b>		<b>22.958</b>	<b>5.025</b>	-	-	
<b>EOQ</b>						
Airframe For FY 2013 EOQ/Long Lead	0	38.984	-	-	-	
Airframe For FY 2014 EOQ/Long Lead	0	53.858	-	-	-	
Airframe For FY 2015 EOQ/Long Lead	0	6.008	80.734	-	-	
Airframe For FY 2016 EOQ/Long Lead	0	6.075	3.693	85.828	-	
CC/Avionics For FY 2013 EOQ/Long Lead	0	59.000	-	-	-	
CC/Avionics For FY 2014 EOQ/Long Lead	0	80.835	-	-	-	
CC/Avionics For FY 2015 EOQ/Long Lead	0	75.173	30.890	-	-	
CC/Avionics For FY 2016 EOQ/Long Lead	0	6.500	92.478	20.858	-	
<b>Total: EOQ</b>		<b>326.433</b>	<b>207.795</b>	<b>106.686</b>	-	
<b>Total Advance Procurement/Obligation Authority</b>		<b>1,280.177</b>	<b>212.820</b>	<b>106.686</b>	-	

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):</b> PB 2016 Navy						<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1		<b>P-1 Line Item Number / Title:</b> 0182 / MH-60R				<b>P-5 Number / Title:</b> 1 / MH-60R (MYP)	
<b>Cost Elements</b>	<b>QPA</b> (Each)	<b>FY 2016</b>					
		<b>Production Leadtime</b> (Months)	<b>Unit Cost</b> (\$ K)	<b>Contract Forecast Date</b>	<b>2016 Qty</b> (Each)	<b>For FY</b>	<b>Total Cost Request</b> (\$ M)
<b>CFE</b>							
CFE - Airframe T.L.	1						-
CC/Avionics - T.L./Other	1						-
<i>Total: CFE</i>							-
<b>GFE</b>							
GFE Other	-						-
<i>Total: GFE</i>							-
<b>EOQ</b>							
Airframe For FY 2013 EOQ/Long Lead	-						-
Airframe For FY 2014 EOQ/Long Lead	-						-
Airframe For FY 2015 EOQ/Long Lead	-						-
Airframe For FY 2016 EOQ/Long Lead	-						-
CC/Avionics For FY 2013 EOQ/Long Lead	-						-
CC/Avionics For FY 2014 EOQ/Long Lead	-						-
CC/Avionics For FY 2015 EOQ/Long Lead	-						-
CC/Avionics For FY 2016 EOQ/Long Lead	-						-
<i>Total: EOQ</i>							-
<b>Total Advance Procurement/Obligation Authority</b>							-
<b>Description:</b> Contractor Furnished Equipment (CFE) long lead/ Economic Order Quantity (EOQ) funding procures, via MYP8, the airframe components with lead times requiring Advanced Procurement funds and, via MYP2, the required Mission System Avionics Suite & Common Cockpit (CC) with lead times requiring Advanced Procurement funds. The MH-60R MYP2 contract does not breakout these items as they are procured as a total mission systems and common cockpit suite. Government Furnished Equipment (GFE) long lead items include Integrated Mechanical Diagnostics (IMDS), Rate Gyros, Forward Looking Infrared (FLIR) Hand Control Units, BRU-14 bomb racks, Cartridge Activiated Devices (CADS), and other miscellaneous avionics requirements (14-27 months PLT) which are necessary to maintain the MH-60R delivery schedule.							

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy										<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft						<b>P-1 Line Item Number / Title:</b> 0193 / P-8A Poseidon						
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B			<b>Program Elements for Code B Items:</b> 0605500N					<b>Other Related Program Elements:</b>				
<b>Line Item MDAP/MAIS Code:</b> 334		<b>Item MDAP/MAIS Code(s):</b>										
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	37	16	9	16	-	16	12	12	7	-	-	109
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	8,130.053	3,183.543	2,283.803	3,196.221	-	3,196.221	2,421.987	2,549.543	1,854.534	-	-	23,619.684
Less PY Advance Procurement ( <i>\$ in Millions</i> )	678.762	300.679	161.116	187.293	-	187.293	263.699	272.127	163.188	-	-	2,026.864
Net Procurement (P1) ( <i>\$ in Millions</i> )	7,451.291	2,882.864	2,122.687	3,008.928	-	3,008.928	2,158.288	2,277.416	1,691.346	-	-	21,592.820
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	979.441	313.160	48.457	269.568	-	269.568	261.953	154.285	-	-	-	2,026.864
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>8,430.732</b>	<b>3,196.024</b>	<b>2,171.144</b>	<b>3,278.496</b>	<b>-</b>	<b>3,278.496</b>	<b>2,420.241</b>	<b>2,431.701</b>	<b>1,691.346</b>	<b>-</b>	<b>-</b>	<b>23,619.684</b>
<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> )	-	20.553	0.204	1.569	-	1.569	20.096	20.559	20.804	-	-	83.785
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	187,266.081	165,315.563	171,572.222	165,380.750	-	165,380.750	181,405.333	185,927.083	219,105.857	-	-	180,787.761
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	219,731.162	198,971.438	253,755.889	199,763.813	-	199,763.813	201,832.250	212,461.917	264,933.429	-	-	216,694.349
<b>Description:</b> The P-8A Multi-mission Maritime Aircraft (MMA) system is a commercial derivative aircraft based on Boeing's 737-800 ERX. The P-8A is the replacement system for the P-3C. The P-8A will sustain and improve the armed maritime and littoral Intelligence, Surveillance, and Reconnaissance capabilities for U.S. Naval Forces in traditional, joint and combined roles to counter changing and emerging threats. The P-8A will have a substantial role in Sea Power 21 and will satisfy several mission requirements in Sea Shield, Sea Strike and FORCEnet. The primary roles of the P-8A are persistent Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASuW). The procurement funds the production of the aircraft, trainers and associated support equipment.												

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy							<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0193 / P-8A Poseidon			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B			<b>Program Elements for Code B Items:</b> 0605500N			<b>Other Related Program Elements:</b>		
<b>Line Item MDAP/MAIS Code:</b> 334		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)	P-5, P-5a, P-21		37 / 8,130.053	16 / 3,183.543	9 / 2,283.803	16 / 3,196.221	- / -	16 / 3,196.221
<b>Total Gross/Weapon System Cost</b>			<b>37 / 8,130.053</b>	<b>16 / 3,183.543</b>	<b>9 / 2,283.803</b>	<b>16 / 3,196.221</b>	<b>- / -</b>	<b>16 / 3,196.221</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								
<p><b>Justification:</b> FY 2016 procurement funds are required for 14 Full Rate Production #3 aircraft with associated trainers and support.</p> <p>Realignment of requirements from CFE to GFE due to a change in acquisition strategy as part of the program's overall Should Cost Plan to reduce costs. This change in strategy, which was implemented as part of DoD's Better Buying Power initiative will continue through the end of the program. All cost savings associated with this initiative were consumed with the change in aircraft profile across the FYDP. FY16 GFE increase is due to the procurement of an additional 8 GFE items which were previously procured as CFE (22 GFE items procured in FY14, 30 GFE items procured in FY16 and out). Embedded in this GFE acquisition strategy is the procurement of fifty-six (56) APY-10 Radars via a multi-year procurement. The requirement of fifty-six (56) production radars is composed of nine (9) radars in FY15, sixteen (16) radars in FY16, twelve (12) radars in FY17, twelve (12) radars in FY18 and seven (7) radars in FY19 with a savings of \$20.7 million.</p> <p>ECO funding profile reflects funding required to address remaining aircraft deficiency corrections and a higher rate of change orders anticipated in the first year of the AAS A-kit procurement and in line incorporation in the production configuration.</p> <p>Airframe, Avionics and Engine Peculiar Ground Support Equipment (PGSE) requirements are derived by three factors:          - Aircraft quantities.          - Scheduled site stand up of two CONUS Main Operating Bases (MOB) and four OCONUS Primary Deployment Sites (PDS). The FY14/15/16 Airframe PGSE funds are in support of the FY15 Site Stand-up of Bahrain PDS, FY16 Site Stand-up of Whidbey Island MOB and the FY18 Site Stand-ups of Kaneohe Bay PDS and Sigonella PDS.          - The establishment of Depot repair capability for the entire weapon system. P-8A depot investment requirements are derived from Title 10 USC 2464 - Core depot level maintenance and repair - and the Inter-Service Depot Source of Repair (DSOR) Process.</p> <p>The Training System requirements are directly aligned to the scheduled site stand up of two CONUS Main Operating Bases (Jacksonville MOB and Whidbey Island MOB) and three OCONUS Primary Deployment Sites (Kadena PDS, Bahrain PDS, and Sigonella PDS).</p> <p>Tech Pub funding profile reflects the requirement to develop source data and publish technical publications, such as the structural repair manual, needed as the P-8A enters its operational life cycle.</p>								

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Exhibit P-5, Cost Analysis: PB 2016 Navy												Date: February 2015						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0193 / P-8A Poseidon						Item Number / Title [DODIC]: 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)						
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				37		16		9		16		-		16				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				8,130.053		3,183.543		2,283.803		3,196.221		-		3,196.221				
Less PY Advance Procurement <i>(\$ in Millions)</i>				678.762		300.679		161.116		187.293		-		187.293				
Net Procurement (P1) <i>(\$ in Millions)</i>				7,451.291		2,882.864		2,122.687		3,008.928		-		3,008.928				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				979.441		313.160		48.457		269.568		-		269.568				
Total Obligation Authority <i>(\$ in Millions)</i>				8,430.732		3,196.024		2,171.144		3,278.496		-		3,278.496				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		20.553		0.204		1.569		-		1.569				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				219,731.162		198,971.438		253,755.889		199,763.813		-		199,763.813				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(†)</sup>	129,782.459	37	4,801.951	126,195.588	16	2,019.129	129,266.804	9	1,163.401	125,833.359	16	2,013.334	-	-	-	125,833.359	16	2,013.334
1.1.2) CFE Electronics	-	-	1,598.783	-	-	363.516	-	-	176.423	-	-	301.824	-	-	-	-	-	301.824
1.1.3) GFE Electronics	-	-	113.149	-	-	125.530	-	-	121.539	-	-	216.984	-	-	-	-	-	216.984
1.1.4) Other GFE	-	-	1.521	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.5) Rec Flyaway ECO	-	-	265.954	-	-	82.910	-	-	29.978	-	-	51.487	-	-	-	-	-	51.487
Subtotal: Recurring Cost	-	-	6,781.358	-	-	2,591.085	-	-	1,491.341	-	-	2,583.629	-	-	-	-	-	2,583.629
Non Recurring Cost																		
1.2.1) Ancillary Equip	-	-	10.698	-	-	-	-	-	7.328	-	-	16.163	-	-	-	-	-	16.163
1.2.2) Non-Recur Cost <sup>(1)</sup>	-	-	136.789	-	-	53.964	-	-	45.481	-	-	46.300	-	-	-	-	-	46.300
Subtotal: Non Recurring Cost	-	-	147.487	-	-	53.964	-	-	52.809	-	-	62.463	-	-	-	-	-	62.463
Subtotal: Flyaway Cost	-	-	6,928.845	-	-	2,645.049	-	-	1,544.150	-	-	2,646.092	-	-	-	-	-	2,646.092
Support Cost																		
2.1) Airframe PGSE	-	-	52.940	-	-	59.069	-	-	70.650	-	-	58.413	-	-	-	-	-	58.413
2.2) Engine PGSE	-	-	4.880	-	-	5.411	-	-	4.923	-	-	0.154	-	-	-	-	-	0.154
2.3) Avionics PGSE	-	-	101.958	-	-	118.792	-	-	293.092	-	-	271.778	-	-	-	-	-	271.778
2.4) Pec Trng Eq	-	-	742.123	-	-	225.969	-	-	242.220	-	-	116.333	-	-	-	-	-	116.333

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<b>Exhibit P-5, Cost Analysis:</b> PB 2016 Navy		<b>Date:</b> February 2015
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1	<b>P-1 Line Item Number / Title:</b> 0193 / P-8A Poseidon	<b>Item Number / Title [DODIC]:</b> 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>MDAP/MAIS Code:</b>
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Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.

Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.5) Pub/Tech Eq	-	-	73.456	-	-	55.977	-	-	49.773	-	-	27.593	-	-	-	-	-	27.593
2.6) Prod Eng Supt	-	-	94.287	-	-	30.248	-	-	30.832	-	-	31.418	-	-	-	-	-	31.418
2.7) Other ILS	-	-	131.564	-	-	43.028	-	-	48.163	-	-	44.440	-	-	-	-	-	44.440
<i>Subtotal: Support Cost</i>	-	-	1,201.208	-	-	538.494	-	-	739.653	-	-	550.129	-	-	-	-	-	550.129
<b>Gross/Weapon System Cost</b>	<b>219,731.162</b>	<b>37</b>	<b>8,130.053</b>	<b>198,971.438</b>	<b>16</b>	<b>3,183.543</b>	<b>253,755.889</b>	<b>9</b>	<b>2,283.803</b>	<b>199,763.813</b>	<b>16</b>	<b>3,196.221</b>	-	-	-	<b>199,763.813</b>	<b>16</b>	<b>3,196.221</b>

**Remarks:**

NOTES: Totals may not add due to rounding.

(t) indicates the presence of a P-5a

**Footnotes:**

(1) The NRE has increased due to the receipt of actuals to date for Diminishing Manufacturing Source Material Shortage (DMSMS).

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<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Navy							<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1				<b>P-1 Line Item Number / Title:</b> 0193 / P-8A Poseidon				<b>Item Number / Title [DODIC]:</b> 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)			

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2010	The Boeing Company <sup>(2)</sup> / Seattle, WA	SS / FPIF	NAVAIR	Jan 2011	Feb 2012	6	117,991.866	Y		Mar 2009
1.1.1) Airframe/CFE <sup>(†)</sup>		2011	The Boeing Company <sup>(2)</sup> / Seattle, WA	SS / FPIF	NAVAIR	Nov 2011	Mar 2013	7	124,693.938	Y		Mar 2010
1.1.1) Airframe/CFE <sup>(†)</sup>		2012	The Boeing Company <sup>(2)</sup> / Seattle, WA	SS / FPIF	NAVAIR	Sep 2012	Jun 2014	11	135,285.727	Y		May 2011
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	The Boeing Company <sup>(2)</sup> / Seattle, WA	SS / FPIF	NAVAIR	Jul 2013	May 2015	13	133,307.615	Y		Jun 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	The Boeing Company <sup>(2)</sup> / Seattle, WA	SS / FPIF	NAVAIR	Mar 2014	May 2016	16	126,195.588	Y		Jun 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	The Boeing Company <sup>(2)</sup> / Seattle, WA	SS / FPIF	NAVAIR	Jun 2015	May 2017	9	129,266.804	Y		Mar 2014
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	The Boeing Company <sup>(2)</sup> / Seattle, WA	SS / FPIF	NAVAIR	Feb 2016	May 2018	16	125,833.359	Y		Mar 2014

<sup>(†)</sup> indicates the presence of a P-21

**Footnotes:**

<sup>(2)</sup> Manufacturer Production Lead Time does not reflect additional 10-month lead time required for long lead items procured through the Advance Procurement contract.

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015										
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0193 / P-8A Poseidon													Item Number / Title [DODIC]: 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)										
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2011													Fiscal Year 2012													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011													Calendar Year 2012													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
1.1.1) Airframe/CFE																																	
	1	2010	NAVY	6	-	6				A -	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	1	2		
	1	2011	NAVY	7	-	7														A -	-	-	-	-	-	-	-	-	-	-	7		
	1	2012	NAVY	11	-	11																							A -		11		
	1	2013	NAVY	13	-	13																									13		
	1	2014	NAVY	16	-	16																									16		
	1	2015	NAVY	9	-	9																									9		
	1	2016	NAVY	16	-	16																									16		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015													
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0193 / P-8A Poseidon										Item Number / Title [DODIC]: 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)													
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2013													Fiscal Year 2014													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013													Calendar Year 2014													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
1.1.1) Airframe/CFE																																	
	1	2010	NAVY	6	4	2	1	-	-	1																						-	
	1	2011	NAVY	7	-	7	-	-	-	-	-	1	1	1	-	1	1	-	1	-	1											-	
	1	2012	NAVY	11	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1		7	
	1	2013	NAVY	13	-	13										A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	
	1	2014	NAVY	16	-	16																				A	-	-	-	-	-	-	16
	1	2015	NAVY	9	-	9																										9	
	1	2016	NAVY	16	-	16																										16	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015														
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0193 / P-8A Poseidon													Item Number / Title [DODIC]: 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)														
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2015													Fiscal Year 2016														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015													Calendar Year 2016													B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE																																		
	1	2010	NAVY	6	6	-																											-	
	1	2011	NAVY	7	7	-																											-	
	1	2012	NAVY	11	4	7	1	1	1	1	-	1	2																				-	
	1	2013	NAVY	13	-	13	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	2	1									-
	1	2014	NAVY	16	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	2	1	9			
	1	2015	NAVY	9	-	9									A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9			
	1	2016	NAVY	16	-	16																		A	-	-	-	-	-	-	-	16		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1										P-1 Line Item Number / Title: 0193 / P-8A Poseidon										Item Number / Title [DODIC]: 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)												
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2017										Fiscal Year 2018															
O C C O	M F R #	F Y	S E R V I C E	P R O C Q T Y	A C C E P T P R I O R T O 1 O C T 2 0 1 6	B A L D U E A S O F 1 O C T	Calendar Year 2017										Calendar Year 2018										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE																																
	1	2010	NAVY	6	6	-																										-
	1	2011	NAVY	7	7	-																										-
	1	2012	NAVY	11	11	-																										-
	1	2013	NAVY	13	13	-																										-
	1	2014	NAVY	16	7	9	2	1	1	2	-	2	1																		-	
	1	2015	NAVY	9	-	9	-	-	-	-	-	-	1	-	1	1	-	1	1	-	1	1	1	1								-
	1	2016	NAVY	16	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	11		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015														
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1							P-1 Line Item Number / Title: 0193 / P-8A Poseidon													Item Number / Title [DODIC]: 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)													
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2019													Fiscal Year 2020													
O C C O	M F R #	F Y	S E R V I C E	P R O C Q T Y	A C C E P T P R I O R T O 1 O C T 2 0 1 8	B A L D U E A S O F 1 O C T	Calendar Year 2019													Calendar Year 2020													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
1.1.1) Airframe/CFE																																	
	1	2010	NAVY	6	6	-																										-	
	1	2011	NAVY	7	7	-																										-	
	1	2012	NAVY	11	11	-																										-	
	1	2013	NAVY	13	13	-																										-	
	1	2014	NAVY	16	16	-																										-	
	1	2015	NAVY	9	9	-																										-	
	1	2016	NAVY	16	5	11	2	1	2	1	2	1	2																		-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1					P-1 Line Item Number / Title: 0193 / P-8A Poseidon				Item Number / Title [DODIC]: 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	The Boeing Company <sup>(2)</sup> - Seattle, WA	6	18	30	9	7	34	41	9	7	23	30

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**Footnotes:**

<sup>(2)</sup> Manufacturer Production Lead Time does not reflect additional 10-month lead time required for long lead items procured through the Advance Procurement contract.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0193 / P-8A Poseidon
--	--

<b>Program Elements for Code B Items:</b> 0605500N	<b>Other Related Program Elements:</b>
--	--

<b>Line Item MDAP/MAIS Code:</b> 334	<b>Item MDAP/MAIS Code(s):</b>											
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost <i>(\$ in Millions)</i>	979.441	313.160	48.457	269.568	-	269.568	261.953	154.285	-	-	-	2,026.864
Net Procurement (P1) <i>(\$ in Millions)</i>	979.441	313.160	48.457	269.568	-	269.568	261.953	154.285	-	-	-	2,026.864
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>979.441</b>	<b>313.160</b>	<b>48.457</b>	<b>269.568</b>	<b>-</b>	<b>269.568</b>	<b>261.953</b>	<b>154.285</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,026.864</b>

**Description:**

The P-8A Multi-mission Maritime Aircraft (MMA) system is a commercial derivative aircraft based on Boeing's 737-800 ERX. The P-8A is the replacement system for the P-3C. The P-8A will sustain and improve the armed maritime and littoral Intelligence, Surveillance, and Reconnaissance capabilities for U.S. Naval Forces in traditional, joint and combined roles to counter changing and emerging threats. The P-8A will have a substantial role in Sea Power 21 and will satisfy several mission requirements in Sea Shield, Sea Strike and FORCEnet. The primary roles of the P-8A are persistent Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASuW). The Advanced Procurement funds the long lead time items required for production of the aircraft.

Note: P-8A will combine FY-14 AP (\$152M) with FY-15 AP (\$29M) funds for long lead-time components, material and associated effort in support of the FY-16 Lot 7 production buy and the remaining FY-15 AP (\$19M) supports APY-10 MYP EOQ for FY16-FY19. FY-14 AP funds are available for FY-16 aircraft due to the decrease in the FY-15 aircraft quantity at PB-15. This provided a total of \$187M for AP vice the normally required \$300M. The program plans to execute this strategy by accelerating award of the Lot 7 contract from June 2016 to February 2016. This accelerated award date will reduce Lot 7 AP requirements to the \$187M available. Accelerated contract award is possible in FY16 only because Lot 7 will be a priced option on the Lot 6 base contract.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft					<b>P-1 Line Item Number / Title:</b> 0193 / P-8A Poseidon		
<b>Program Elements for Code B Items:</b> 0605500N					<b>Other Related Program Elements:</b>		
<b>Line Item MDAP/MAIS Code:</b> 334		<b>Item MDAP/MAIS Code(s):</b>					

Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)	P-10		- / 979.441	- / 313.160	- / 48.457	- / 269.568	- / -	- / 269.568
<b>Total Gross/Weapon System Cost</b>			<b>- / 979.441</b>	<b>- / 313.160</b>	<b>- / 48.457</b>	<b>- / 269.568</b>	<b>- / -</b>	<b>- / 269.568</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

**Justification:**  
BASIS FOR FY 2016 BUDGET REQUEST:

Advanced procurement (AP) funding is required in FY 2016 for long lead requirements associated with the procurement of 12 aircraft in FY 2017.

FY16 Regular Aircraft Procurement funds to execute long lead requirements associated with the procurement of 16 aircraft in FY 2016.

The Advance Procurement (AP) funding will be used to procure long lead CFE items such as basic commercial aircraft long lead requirements (33 months); mission/weapons systems components and P-8A unique airframe components (24 months or greater production lead time). AP funding will also be used to procure long lead mission/weapons systems GFE components (up to 24 months production lead time) due to the change in acquisition strategy as part of the program's overall Should Cost Plan to reduce costs per the DoD's Better Buying Power initiative. FY16-FY18 procures EOQ items for the GFE APY10 Radar Multi-year Procurement. All of these long lead items are essential to maintaining the current schedule in support of the US Navy Fleet Maritime Patrol and Reconnaissance (MPRA) force transition from P-3C to P-8A.

Procurement Quantity should reflect: To Complete: 0 Total: 109

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1		<b>P-1 Line Item Number / Title:</b> 0193 / P-8A Poseidon			<b>P-5 Number / Title:</b> 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)	
<b>First System (2016) Award Date:</b> January 2013		<b>First System (2016) Completion Date:</b> January 2013		<b>Interval Between Systems:</b> 0 Months		
<b>P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2014</b> <i>(Each)</i>	<b>FY 2015</b> <i>(Each)</i>	<b>FY 2016</b> <i>(Each)</i>
Quantity			37	16	9	16
<b>Cost Element</b>	<b>When Rqd</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2014</b> <i>(\$ M)</i>	<b>FY 2015</b> <i>(\$ M)</i>	<b>FY 2016</b> <i>(\$ M)</i>	
<b>CFE</b>						
CFE - Airframe T.L. <sup>(1)</sup>	0	979.441	-	-	-	-
For FY 15 CFE - Airframe TL	0	-	153.984	-	-	-
For FY 16 CFE - Airframe TL	0	-	152.044	24.929	-	-
For FY 17 CFE - Airframe TL	0	-	-	-	-	245.021
GFE - Mission/Weapons Systems T.L. <sup>(2)</sup>	0	-	7.132	3.632	6.482	6.482
<b>Total: CFE</b>		<b>979.441</b>	<b>313.160</b>	<b>28.561</b>	<b>251.503</b>	<b>251.503</b>
<b>EOQ</b>						
For FY 2016 EOQ/Long Lead	0	-	-	6.688	-	-
For FY 2017 EOQ/Long Lead	0	-	-	5.203	6.993	6.993
For FY 2018 EOQ/Long Lead	0	-	-	5.203	6.993	6.993
For FY 2019 EOQ/Long Lead	0	-	-	2.802	4.079	4.079
<b>Total: EOQ</b>		<b>-</b>	<b>-</b>	<b>19.896</b>	<b>18.065</b>	<b>18.065</b>
<b>Total Advance Procurement/Obligation Authority</b>		<b>979.441</b>	<b>313.160</b>	<b>48.457</b>	<b>269.568</b>	<b>269.568</b>

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2016 Navy					Date: February 2015		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1		P-1 Line Item Number / Title: 0193 / P-8A Poseidon			P-5 Number / Title: 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)		
Cost Elements	QPA (Each)	FY 2016					
		Production Leadtime (Months)	Unit Cost (\$ K)	Contract Forecast Date	2016 Qty (Each)	For FY	Total Cost Request (\$ M)
CFE							
CFE - Airframe T.L. <sup>(1)</sup>	-						-
For FY 15 CFE - Airframe TL	-						-
For FY 16 CFE - Airframe TL	-						-
For FY 17 CFE - Airframe TL	-						245.021
GFE - Mission/Weapons Systems T.L. <sup>(2)</sup>	-						6.482
Total: CFE							251.503
EOQ							
For FY 2016 EOQ/Long Lead	-						-
For FY 2017 EOQ/Long Lead	-						6.993
For FY 2018 EOQ/Long Lead	-						6.993
For FY 2019 EOQ/Long Lead	-						4.079
Total: EOQ							18.065
Total Advance Procurement/Obligation Authority							269.568
<b>Description:</b> Advance Procurement will be used to procure long lead items.							
<b>Footnotes:</b> <sup>(1)</sup> The P-8A Multi-mission Maritime Aircraft (MMA) program provides the replacement systems for the aging P-3 aircraft. The Advanced Procurement funds the long lead time items required for production of the aircraft. PLT reflects the production of the aircraft as reflected on P-21. Advanced procurement (AP) funding is required in FY 2016 for long lead requirements associated with the procurement of 12 aircraft in FY 2017. FY16 Regular Aircraft Procurement funds to execute long lead requirements associated with the procurement of 16 aircraft in FY 2016. The Advance Procurement (AP) funding will be used to procure long lead CFE items such as basic commercial aircraft long lead requirements (35 months); mission/weapons systems components and P-8A unique airframe components (24 months or greater production lead time). All of these long lead items are essential to maintaining the current schedule in support of the US Navy Fleet Martime Patrol and Reconnaissance (MPRA) force transition from P-3C to P-8A. Unit costs reflect prime vendor only and do not include GFE production costs. <sup>(2)</sup> AP funding will be used to procure long lead mission/weapons systems GFE components due to the change in acquisition strategy as part of the program's overall Should Cost Plan to reduce costs per the DoD's Better Buying Power initiative. FY16-FY18 procures EOQ items for the GFE APY10 Radar Multi-year Procurement. All of these long lead items are essential to maintaining the current schedule in support of the US Navy Fleet Martime Patrol and Reconnaissance (MPRA) force transition from P-3C to P-8A.							

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy										<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft							<b>P-1 Line Item Number / Title:</b> 0195 / E-2D AHE					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>Line Item MDAP/MAIS Code:</b> 000			<b>Item MDAP/MAIS Code(s):</b>									
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	64	5	5	5	-	5	6	5	4	4	16	114
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	7,793.170	1,068.588	1,044.691	1,032.831	-	1,032.831	1,172.594	1,022.381	958.485	996.591	4,266.819	19,356.150
Less PY Advance Procurement ( <i>\$ in Millions</i> )	1,241.109	123.016	125.500	175.177	-	175.177	238.086	271.003	105.708	131.562	473.712	2,884.873
Net Procurement (P1) ( <i>\$ in Millions</i> )	6,552.061	945.572	919.191	857.654	-	857.654	934.508	751.378	852.777	865.029	3,793.107	16,471.277
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	1,364.125	263.623	225.765	195.336	-	195.336	125.042	105.708	131.562	134.193	339.519	2,884.873
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>7,916.186</b>	<b>1,209.195</b>	<b>1,144.956</b>	<b>1,052.990</b>	<b>-</b>	<b>1,052.990</b>	<b>1,059.550</b>	<b>857.086</b>	<b>984.339</b>	<b>999.222</b>	<b>4,132.626</b>	<b>19,356.150</b>
<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> )	-	7.449	7.582	7.786	-	7.786	7.583	14.224	13.154	16.658	Continuing	Continuing
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	107,434.484	174,374.200	173,596.200	166,523.200	-	166,523.200	161,588.833	169,026.800	200,209.000	206,074.000	224,797.063	144,603.746
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	121,768.281	213,717.600	208,938.200	206,566.200	-	206,566.200	195,432.333	204,476.200	239,621.250	249,147.750	266,676.188	169,790.789
<b>Description:</b> The E-2D Advanced Hawkeye (AHE) is an all-weather, twin engine, carrier-based, Airborne Command, Control and Surveillance aircraft designed to extend task force defense perimeters. The AHE mission is to provide advance warning of approaching enemy surface units and aircraft, to vector interceptors or strike aircraft to attack, and to provide area surveillance, intercept, search and rescue, communications relay, and strike/air traffic control. Key AHE objectives include: improved battle space target detection and situational awareness, especially in the littorals; support of Theater Air Missile Defense operations; and improved Operational Availability.  Approved for Full Rate Production, IOC 10 October 2014.  Proper Values for Cost To Complete (CTC) Procurement Quantity: 16 Gross/Weapon System Cost: 4,257.820 Less PY Advance Procurement: -473.712 Net Procurement (P1): 3,784.109 Plus CY Advance Procurement: 339.519 Total Obligation Authority: 4,123.627												

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft				<b>P-1 Line Item Number / Title:</b> 0195 / E-2D AHE				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b>		
<b>Line Item MDAP/MAIS Code:</b> 000		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / E-2D	P-5, P-5a, P-21		64 / 7,793.170	5 / 1,068.588	5 / 1,044.691	5 / 1,032.831	- / -	5 / 1,032.831
<b>Total Gross/Weapon System Cost</b>			<b>64 / 7,793.170</b>	<b>5 / 1,068.588</b>	<b>5 / 1,044.691</b>	<b>5 / 1,032.831</b>	<b>- / -</b>	<b>5 / 1,032.831</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								
<b>Justification:</b> FY 2016 funding is requested to procure five E-2D AHE Full Rate Production Lot 4 aircraft and associated support. This budget request includes funding to support a FY 2014 through FY 2018 multiyear procurement contract.								

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Exhibit P-5, Cost Analysis: PB 2016 Navy												Date: February 2015						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0195 / E-2D AHE						Item Number / Title [DODIC]: 1 / E-2D						
ID Code (A=Service Ready, B=Not Service Ready) :									MDAP/MAIS Code:									
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				64		5		5		5		-		5				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				7,793.170		1,068.588		1,044.691		1,032.831		-		1,032.831				
Less PY Advance Procurement <i>(\$ in Millions)</i>				1,241.109		123.016		125.500		175.177		-		175.177				
Net Procurement (P1) <i>(\$ in Millions)</i>				6,552.061		945.572		919.191		857.654		-		857.654				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				1,364.125		263.623		225.765		195.336		-		195.336				
Total Obligation Authority <i>(\$ in Millions)</i>				7,916.186		1,209.195		1,144.956		1,052.990		-		1,052.990				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		7.449		7.582		7.786		-		7.786				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				121,768.281		213,717.600		208,938.200		206,566.200		-		206,566.200				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(†)</sup>	61,259.766	64	3,920.625	85,876.253	5	429.381	89,471.990	5	447.360	87,367.093	5	436.835	-	-	-	87,367.093	5	436.835
1.1.2) CFE Electronics <sup>(†)</sup>	31,626.141	64	2,024.073	60,355.800	5	301.779	58,863.511	5	294.318	59,195.398	5	295.977	-	-	-	59,195.398	5	295.977
1.1.3) GFE Electronics	4,474.984	64	286.399	4,974.522	5	24.873	5,059.075	5	25.295	5,152.120	5	25.761	-	-	-	5,152.120	5	25.761
1.1.4) Engine/Engine Accessories	-	-	251.428	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.5) Other GFE	892.125	64	57.096	1,330.881	5	6.654	1,353.502	5	6.768	1,378.395	5	6.892	-	-	-	1,378.395	5	6.892
1.1.6) Recurring Flyaway ECO	1,026.891	64	65.721	12,631.106	5	63.156	8,662.209	5	43.311	3,060.310	5	15.302	-	-	-	3,060.310	5	15.302
Subtotal: Recurring Cost	-	-	6,605.342	-	-	825.843	-	-	817.052	-	-	780.767	-	-	-	-	-	780.767
Non Recurring Cost																		
1.2.1) Non-Recurring Cost	-	-	270.465	-	-	46.028	-	-	50.929	-	-	51.849	-	-	-	-	-	51.849
Subtotal: Non Recurring Cost	-	-	270.465	-	-	46.028	-	-	50.929	-	-	51.849	-	-	-	-	-	51.849
Subtotal: Flyaway Cost	-	-	6,875.807	-	-	871.871	-	-	867.981	-	-	832.616	-	-	-	-	-	832.616
Support Cost																		
2.1) Airframe PGSE	-	-	38.276	-	-	10.932	-	-	1.537	-	-	1.565	-	-	-	-	-	1.565
2.2) Engine PGSE	-	-	11.297	-	-	4.643	-	-	4.720	-	-	4.553	-	-	-	-	-	4.553
2.3) Avionics PGSE <sup>(1)</sup>	-	-	137.779	-	-	70.893	-	-	83.518	-	-	91.650	-	-	-	-	-	91.650

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1						P-1 Line Item Number / Title: 0195 / E-2D AHE							Item Number / Title [DODIC]: 1 / E-2D					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.4) Peculiar Training Equipment <sup>(2)</sup>	-	-	189.613	-	-	39.125	-	-	9.906	-	-	31.999	-	-	-	-	-	31.999
2.5) Pub/Tech Eq	-	-	55.669	-	-	11.256	-	-	15.134	-	-	8.421	-	-	-	-	-	8.421
2.6) Production Engineering Support	-	-	366.319	-	-	33.140	-	-	25.668	-	-	25.133	-	-	-	-	-	25.133
2.7) Other ILS	-	-	118.410	-	-	26.728	-	-	36.227	-	-	36.894	-	-	-	-	-	36.894
Subtotal: Support Cost	-	-	917.363	-	-	196.717	-	-	176.710	-	-	200.215	-	-	-	-	-	200.215
Gross/Weapon System Cost	121,768.281	64	7,793.170	213,717.600	5	1,068.588	208,938.200	5	1,044.691	206,566.200	5	1,032.831	-	-	-	206,566.200	5	1,032.831

<sup>(†)</sup> indicates the presence of a P-5a

**Footnotes:**

<sup>(1)</sup> Cost code 2.3 Avionics PGSE increases from FY15 to FY16 due to Depot Test Program Set (TPS) requirements.

<sup>(2)</sup> Cost Code 2.4 Peculiar Training Equipment increases from FY15 to FY16 due to incorporation of additional functionality and maintain concurrency with Trainer Software Support Activity (TSSA) and the E-2D Hawkeye Integrated Training System (HITS) Naval Integrated Fire Control-Counter Air (NIFC-CA).

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Exhibit P-5a, Procurement History and Planning: PB 2016 Navy								Date: February 2015				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1			P-1 Line Item Number / Title: 0195 / E-2D AHE					Item Number / Title [DODIC]: 1 / E-2D				
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2011	Northrop Grumman Systems / New York	SS / FFP	NAVAIR	Jul 2011	Dec 2013	4	96,133.750	Y		Jul 2010
1.1.1) Airframe/CFE <sup>(†)</sup>	✓	2011	Northrop Grumman Systems / New York	SS / FFP	NAVAIR	Jul 2011	Sep 2014	1	96,133.000	Y		Jul 2010
1.1.1) Airframe/CFE <sup>(†)</sup>		2012	Northrop Grumman Systems / New York	SS / FFP	NAVAIR	Feb 2012	Dec 2014	5	96,098.000	Y		Jul 2010
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	Northrop Grumman Systems / New York	SS / FPIF	NAVAIR	May 2013	Oct 2015	5	90,384.200	Y		Nov 2011
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	Northrop Grumman Systems / New York	SS / FPIF	NAVAIR	Jun 2014	Sep 2016	5	85,876.253	Y		Nov 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	Northrop Grumman Systems / New York	SS / FPIF	NAVAIR	Mar 2015	Sep 2017	5	89,471.990	Y		Nov 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	Northrop Grumman Systems / New York	SS / FPIF	NAVAIR	Mar 2016	Sep 2018	5	87,367.093	Y		Nov 2012
1.1.2) CFE Electronics <sup>(†)</sup>		2011	Northrop Grumman Systems / New York	SS / FFP	NAVAIR	Jul 2011	Dec 2013	4	60,166.250	Y		Jul 2010
1.1.2) CFE Electronics <sup>(†)</sup>	✓	2011	Northrop Grumman Systems / New York	SS / FFP	NAVAIR	Jul 2011	Sep 2014	1	60,166.000	Y		Jul 2010
1.1.2) CFE Electronics <sup>(†)</sup>		2012	Northrop Grumman Systems / New York	SS / FFP	NAVAIR	Feb 2012	Dec 2014	5	60,202.000	Y		Jul 2010
1.1.2) CFE Electronics <sup>(†)</sup>		2013	Northrop Grumman Systems / New York	SS / FPIF	NAVAIR	May 2013	Oct 2015	5	64,615.800	Y		Nov 2011
1.1.2) CFE Electronics <sup>(†)</sup>		2014	Northrop Grumman Systems / New York	SS / FPIF	NAVAIR	Jun 2014	Sep 2016	5	60,355.800	Y		Nov 2012
1.1.2) CFE Electronics <sup>(†)</sup>		2015	Northrop Grumman Systems / New York	SS / FPIF	NAVAIR	Mar 2015	Sep 2017	5	58,863.511	Y		Nov 2012
1.1.2) CFE Electronics <sup>(†)</sup>		2016	Northrop Grumman Systems / New York	SS / FPIF	NAVAIR	Mar 2016	Sep 2018	5	59,195.398	Y		Nov 2012
(†) indicates the presence of a P-21												

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1											P-1 Line Item Number / Title: 0195 / E-2D AHE											Item Number / Title [DODIC]: 1 / E-2D										
Cost Elements (Units in Each)							Fiscal Year 2011											Fiscal Year 2012														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011											Calendar Year 2012											B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L		A U G	S E P	
1.1.1) Airframe/CFE																																
Prior Years Deliveries: 49																																
	1	2011	NAVY	4	-	4										A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
✓	1	2011	NAVY	1	-	1										A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	1	2012	NAVY	5	-	5																	A -	-	-	-	-	-	-	-	-	5
	1	2013	NAVY	5	-	5																										5
	1	2014	NAVY	5	-	5																										5
	1	2015	NAVY	5	-	5																										5
	1	2016	NAVY	5	-	5																										5
1.1.2) CFE Electronics																																
Prior Years Deliveries: 49																																
	2	2011	NAVY	4	-	4										A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
✓	2	2011	NAVY	1	-	1										A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	2	2012	NAVY	5	-	5																	A -	-	-	-	-	-	-	-	-	5
	2	2013	NAVY	5	-	5																										5
	2	2014	NAVY	5	-	5																										5
	2	2015	NAVY	5	-	5																										5
	2	2016	NAVY	5	-	5																										5
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:  
1506N / 01 / 1P-1 Line Item Number / Title:  
0195 / E-2D AHEItem Number / Title [DODIC]:  
1 / E-2D

Cost Elements (Units in Each)						Fiscal Year 2013														Fiscal Year 2014														
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT				Calendar Year 2013												Calendar Year 2014												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE																																		
Prior Years Deliveries: 49																																		
	1	2011	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	1			-		
✓	1	2011	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		-		
	1	2012	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		5		
	1	2013	NAVY	5	-	5								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		5		
	1	2014	NAVY	5	-	5																					A -	-	-	-		5		
	1	2015	NAVY	5	-	5																										5		
	1	2016	NAVY	5	-	5																										5		
1.1.2) CFE Electronics																																		
Prior Years Deliveries: 49																																		
	2	2011	NAVY	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	1			-		
✓	2	2011	NAVY	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		-		
	2	2012	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		5		
	2	2013	NAVY	5	-	5								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		5		
	2	2014	NAVY	5	-	5																					A -	-	-	-		5		
	2	2015	NAVY	5	-	5																										5		
	2	2016	NAVY	5	-	5																										5		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015													
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1									P-1 Line Item Number / Title: 0195 / E-2D AHE										Item Number / Title [DODIC]: 1 / E-2D													
Cost Elements (Units in Each)							Fiscal Year 2015										Fiscal Year 2016															
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE																																
Prior Years Deliveries: 49																																
	1	2011	NAVY	4	4	-																										-
✓	1	2011	NAVY	1	1	-																										-
	1	2012	NAVY	5	-	5	-	-	1	-	-	1	1	-	1	-	1											-				
	1	2013	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-	1						-	
	1	2014	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4			
	1	2015	NAVY	5	-	5						A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5			
	1	2016	NAVY	5	-	5																	A -	-	-	-	-	-	-	5		
1.1.2) CFE Electronics																																
Prior Years Deliveries: 49																																
	2	2011	NAVY	4	4	-																										-
✓	2	2011	NAVY	1	1	-																										-
	2	2012	NAVY	5	-	5	-	-	1	-	-	1	1	-	1	-	1											-				
	2	2013	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-	1						-	
	2	2014	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4			
	2	2015	NAVY	5	-	5						A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5			
	2	2016	NAVY	5	-	5																	A -	-	-	-	-	-	-	5		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy										Date: February 2015									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1					P-1 Line Item Number / Title: 0195 / E-2D AHE					Item Number / Title [DODIC]: 1 / E-2D									

Cost Elements (Units in Each)							Fiscal Year 2017															Fiscal Year 2018															
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT				Calendar Year 2017												Calendar Year 2018												B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
1.1.1) Airframe/CFE																																					
Prior Years Deliveries: 49																																					
	1	2011	NAVY	4	4	-																														-	
✓	1	2011	NAVY	1	1	-																														-	
	1	2012	NAVY	5	5	-																														-	
	1	2013	NAVY	5	5	-																														-	
	1	2014	NAVY	5	1	4	-	-	1	-	1	-	1	-	-	1											-										
	1	2015	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	1	-	1							-			
	1	2016	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4						
1.1.2) CFE Electronics																																					
Prior Years Deliveries: 49																																					
	2	2011	NAVY	4	4	-																														-	
✓	2	2011	NAVY	1	1	-																														-	
	2	2012	NAVY	5	5	-																														-	
	2	2013	NAVY	5	5	-																														-	
	2	2014	NAVY	5	1	4	-	-	1	-	1	-	1	-	-	1											-										
	2	2015	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	1	-	1							-			
	2	2016	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015										
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1												P-1 Line Item Number / Title: 0195 / E-2D AHE												Item Number / Title [DODIC]: 1 / E-2D									
Cost Elements (Units in Each)						Fiscal Year 2019												Fiscal Year 2020															
						Calendar Year 2019												Calendar Year 2020															
O C C O	M F R #	FY	SERVICE	PROC	QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 8	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
1.1.1) Airframe/CFE																																	
Prior Years Deliveries: 49																																	
	1	2011	NAVY		4	4	-																									-	
✓	1	2011	NAVY		1	1	-																									-	
	1	2012	NAVY		5	5	-																									-	
	1	2013	NAVY		5	5	-																									-	
	1	2014	NAVY		5	5	-																									-	
	1	2015	NAVY		5	5	-																									-	
	1	2016	NAVY		5	1	4	-	-	1	-	-	1	-	1	-	-	1											-				
1.1.2) CFE Electronics																																	
Prior Years Deliveries: 49																																	
	2	2011	NAVY		4	4	-																									-	
✓	2	2011	NAVY		1	1	-																									-	
	2	2012	NAVY		5	5	-																									-	
	2	2013	NAVY		5	5	-																									-	
	2	2014	NAVY		5	5	-																									-	
	2	2015	NAVY		5	5	-																									-	
	2	2016	NAVY		5	1	4	-	-	1	-	-	1	-	1	-	-	1	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1					P-1 Line Item Number / Title: 0195 / E-2D AHE				Item Number / Title [DODIC]: 1 / E-2D			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Northrop Grumman Systems - New York	4	6	8	-	-	-	-	7	6	42	48
2	Northrop Grumman Systems - New York	4	6	8	-	-	-	-	7	5	42	47

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0195 / E-2D AHE
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 000	<b>Item MDAP/MAIS Code(s):</b>
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,364.125	263.623	225.765	195.336	-	195.336	125.042	105.708	131.562	134.193	339.519	2,884.873
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,364.125	263.623	225.765	195.336	-	195.336	125.042	105.708	131.562	134.193	339.519	2,884.873
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,364.125</b>	<b>263.623</b>	<b>225.765</b>	<b>195.336</b>	<b>-</b>	<b>195.336</b>	<b>125.042</b>	<b>105.708</b>	<b>131.562</b>	<b>134.193</b>	<b>339.519</b>	<b>2,884.873</b>

**Description:**

The E-2D Advanced Hawkeye (AHE) is an all-weather, twin engine, carrier-based, Airborne Command, Control and Surveillance aircraft designed to extend task force defense perimeters. The AHE mission is to provide advance warning of approaching enemy surface units and aircraft, to vector interceptors or strike aircraft to attack, and to provide area surveillance, intercept, search and rescue, communications relay, and strike/air traffic control. Key AHE objectives include: improved battle space target detection and situational awareness, especially in the littorals; support of Theater Air Missile Defense operations; and improved Operational Availability.

Approved for Full Rate Production, IOC 10 October 2014.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	<b>P-1 Line Item Number / Title:</b> 0195 / E-2D AHE
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 000	<b>Item MDAP/MAIS Code(s):</b>
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Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / E-2D	P-10		- / 1,364.125	- / 263.623	- / 225.765	- / 195.336	- / -	- / 195.336
<b>Total Gross/Weapon System Cost</b>			<b>- / 1,364.125</b>	<b>- / 263.623</b>	<b>- / 225.765</b>	<b>- / 195.336</b>	<b>- / -</b>	<b>- / 195.336</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

**Justification:**

FY 2016 Advance Procurement funding is requested for the long-lead requirements associated with the procurement of six E-2D aircraft in FY2017. Airframe requirements are calculated on a supplier's commitment, reflecting contractor's funding requirements for procurement of long lead parts and materials necessary to protect the delivery schedule. This budget request also includes EOQ funding in FY2015 to support a FY 2015 through FY 2018 multiyear procurement contract.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 01 / 1			<b>P-1 Line Item Number / Title:</b> 0195 / E-2D AHE		<b>P-5 Number / Title:</b> 1 / E-2D	
<b>First System (2016) Award Date:</b> February 2012		<b>First System (2016) Completion Date:</b> July 2015		<b>Interval Between Systems:</b> 0 Months		
<b>E-2D</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2014</b> <i>(Each)</i>	<b>FY 2015</b> <i>(Each)</i>	<b>FY 2016</b> <i>(Each)</i>
Quantity			64	5	5	5
<b>Cost Element</b>		<b>When Rqd</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2014</b> <i>(\$ M)</i>	<b>FY 2015</b> <i>(\$ M)</i>	<b>FY 2016</b> <i>(\$ M)</i>
<b>CFE</b>						
CFE - Airframe T.L.		0	761.495	-	-	-
Prior Years EOQ/Long Lead		0	538.598	-	-	-
For FY 2015 EOQ/Long Lead		0	-	125.500	-	-
For FY 2016 EOQ/Long Lead		0	-	51.007	124.170	-
For FY 2017 EOQ/Long Lead		0	-	44.108	50.797	143.181
For FY 2018 EOQ/Long Lead		0	-	43.008	50.798	52.155
<b>Total: CFE</b>			<b>1,300.093</b>	<b>263.623</b>	<b>225.765</b>	<b>195.336</b>
<b>GFE</b>						
Other GFE		0	32.177	-	-	-
JTIDS		0	16.955	-	-	-
Engines		0	14.900	-	-	-
<b>Total: GFE</b>			<b>64.032</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Advance Procurement/Obligation Authority</b>			<b>1,364.125</b>	<b>263.623</b>	<b>225.765</b>	<b>195.336</b>

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2016 Navy					Date: February 2015		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1		P-1 Line Item Number / Title: 0195 / E-2D AHE			P-5 Number / Title: 1 / E-2D		
Cost Elements	QPA (Each)	FY 2016					
		Production Leadtime (Months)	Unit Cost (\$ K)	Contract Forecast Date	2016 Qty (Each)	For FY	Total Cost Request (\$ M)
CFE							
CFE - Airframe T.L.	1						-
Prior Years EOQ/Long Lead	1						-
For FY 2015 EOQ/Long Lead	1						-
For FY 2016 EOQ/Long Lead	1						-
For FY 2017 EOQ/Long Lead	1						143.181
For FY 2018 EOQ/Long Lead	1						52.155
Total: CFE							195.336
GFE							
Other GFE	1						-
JTIDS	1						-
Engines	1						-
Total: GFE							-
Total Advance Procurement/Obligation Authority							195.336
<p><b>Description:</b></p> <p>The Advance Procurement (AP) funding will be used to procure long lead CFE items (14 months or greater production lead time) such as raw materials (inclusive of steel, titanium, aluminum, composites), castings, forgings, bearings, actuators, mission equipment, antenna assemblies, panel assemblies, gearboxes and airframe structural components. E-2D lead times for components have been as high as 42 months. The E-2D program has been actively pursuing lead time reductions and the current longest lead component is 36 months (APY-9 Radar). Some specific material lead items are the ADS-18 antenna assembly (32 months), TARA assembly (20 months), landing gear including forgings (26 months) and empennage assembly including composite core materials and forged torque tubes for the empennage (31 months). All of these long lead items and special milling for "oversized" sheet stock required for the Fuselage skins at the beginning of aircraft assembly (14 months) are essential to maintaining the current schedule in support of the Fleet Forces transition to the E-2D.</p> <p>Any reduction or delay in approval of advance procurement funding for the CFE Airframe would result in risk to supplier critical skill retention and schedule delays which then increases the cost to the E-2D program.</p>							

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 03: Trainer Aircraft / BSA 1: Trainer Aircraft	<b>P-1 Line Item Number / Title:</b> 0339 / JT Primary Acft Trnr Sys (JPATS)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 560	<b>Item MDAP/MAIS Code(s):</b>
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	266	29	-	-	-	-	-	-	-	-	-	295
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1,717.086	249.080	-	8.914	-	8.914	5.913	-	-	-	-	1,980.993
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1,717.086	249.080	-	8.914	-	8.914	5.913	-	-	-	-	1,980.993
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>1,717.086</b>	<b>249.080</b>	<b>-</b>	<b>8.914</b>	<b>-</b>	<b>8.914</b>	<b>5.913</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,980.993</b>
<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>	-	3.018	-	-	-	-	-	-	-	-	-	3.018
Flyaway Unit Cost <i>(\$ in Thousands)</i>	5,400.981	6,528.034	-	-	-	-	-	-	-	-	-	5,562.037
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>	6,455.211	8,588.966	-	-	-	-	-	-	-	-	-	6,715.231

**Description:**

Joint Primary Aircraft Training System (JPATS) is a joint USAF/USN Acquisition Category 1C program. JPATS includes the T-6 Texan II (a single turboprop engine, stepped tandem seat, commercially derived aircraft), ground based training system (aircrew training devices, development courses, conversion courses, and operational support), systems engineering, contractor logistics support and production related shutdown and procurement. The Training Integration Management System is a major information management system used to manage all student administrative and training requirements. USAF procurement of 453 T-6A Texan II aircraft was initiated in FY95 and ended in FY08. The USN total aircraft authorized is 295.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 03: Trainer Aircraft / BSA 1: Trainer Aircraft					<b>P-1 Line Item Number / Title:</b> 0339 / JT Primary Acft Trnr Sys (JPATS)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b>		
<b>Line Item MDAP/MAIS Code:</b> 560		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / Total Flyaway	P-5, P-5a, P-21		266 / 1,717.086	29 / 249.080	- / -	- / 8.914	- / -	- / 8.914
<b>Total Gross/Weapon System Cost</b>			<b>266 / 1,717.086</b>	<b>29 / 249.080</b>	<b>- / -</b>	<b>- / 8.914</b>	<b>- / -</b>	<b>- / 8.914</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								

**Justification:**

JPATS is a joint USN/USAF Acquisition Program designed to replace the aging primary aircraft (T-34/T-37) fleet. USAF is program executor. 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.

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Exhibit P-5, Cost Analysis: PB 2016 Navy												Date: February 2015						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 03 / 1						P-1 Line Item Number / Title: 0339 / JT Primary Acft Trnr Sys (JPATS)						Item Number / Title [DODIC]: 1 / Total Flyaway						
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				266		29		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				1,717.086		249.080		-		8.914		-		8.914				
Less PY Advance Procurement <i>(\$ in Millions)</i>				-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>				1,717.086		249.080		-		8.914		-		8.914				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>				1,717.086		249.080		-		8.914		-		8.914				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		3.018		-		-		-		-				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				6,455.211		8,588.966		-		-		-		-				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(†)</sup>	4,970.372	266	1,322.119	5,812.172	29	168.553	-	-	-	-	-	-	-	-	-	-	-	-
1.1.2) Rec Flyaway ECO	-	-	58.623	-	-	3.275	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	1,380.742	-	-	171.828	-	-	-	-	-	-	-	-	-	-	-	-
Non Recurring Cost																		
1.2.1) Non-recurring cost <sup>(1)</sup>	-	-	55.919	-	-	17.485	-	-	-	-	-	8.914	-	-	-	-	-	8.914
Subtotal: Non Recurring Cost	-	-	55.919	-	-	17.485	-	-	-	-	-	8.914	-	-	-	-	-	8.914
Subtotal: Flyaway Cost	-	-	1,436.661	-	-	189.313	-	-	-	-	-	8.914	-	-	-	-	-	8.914
Support Cost																		
2.1) Other ILS	-	-	39.079	-	-	10.804	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Production Engineering Support <sup>(2)</sup>	-	-	74.590	-	-	43.711	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Pub/Tech Equipment	-	-	14.722	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) Peculiar Training Equipment	-	-	135.074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Airframe PGSE	-	-	16.960	-	-	5.252	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost	-	-	280.425	-	-	59.767	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	6,455.211	266	1,717.086	8,588.966	29	249.080	-	-	-	-	-	8.914	-	-	-	-	-	8.914

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<b>Exhibit P-5, Cost Analysis:</b> PB 2016 Navy		<b>Date:</b> February 2015
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 03 / 1	<b>P-1 Line Item Number / Title:</b> 0339 / JT Primary Acft Trnr Sys (JPATS)	<b>Item Number / Title [DODIC]:</b> 1 / Total Flyaway
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :		<b>MDAP/MAIS Code:</b>
<p>(†) indicates the presence of a P-5a</p> <p><b>Footnotes:</b></p> <p>(1) Fiscal Years 2016 and 2017 provides funding for costs associated with the production line shut down of the JPATS T-6 Texan II program; this includes but is not limited to tooling, data rights, and other required contractor support.</p> <p>(2) The addition to FY14 provides funding for Systems Engineering.</p>		

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<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Navy								<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 03 / 1				<b>P-1 Line Item Number / Title:</b> 0339 / JT Primary Acft Trnr Sys (JPATS)				<b>Item Number / Title [DODIC]:</b> 1 / Total Flyaway				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2012	BEECHCRAFT DEFENSE COMPANY, LLC / HBC	SS / FPEPA	WPAFB	Jan 2012	Dec 2012	36	5,292.250	Y		Jun 2008
1.1.1) Airframe/CFE <sup>(†)</sup>		2013 (3)	BEECHCRAFT DEFENSE COMPANY, LLC / HBC	SS / FPEPA	WPAFB	May 2013	Dec 2013	33	5,840.212	Y		Jun 2011
1.1.1) Airframe/CFE <sup>(†)</sup>		2014 (4)	BEECHCRAFT DEFENSE COMPANY, LLC / HBC	SS / FPEPA	WPAFB	May 2014	Jul 2015	29	5,812.172	Y		Jun 2011

<sup>(†)</sup> indicates the presence of a P-21

## Footnotes:

<sup>(3)</sup> Lots 19 and 20 were separated to prevent production break in Lot 19. Lot 19 undefinitized contract action (UCA) was awarded May 2013 with definitization in November 2013. Lot 20 negotiations resumed in July 2013 and awarded May 2014.

<sup>(4)</sup> Contractor made a decision to slow production of Lot 18 which is within contract terms; this causes a rippling effect on deliveries for succeeding Lots 19 and 20. During the gap between Lots 19 and 20, the contractor will be delivering aircraft to non-DOD customers.

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 03 / 1										P-1 Line Item Number / Title: 0339 / JT Primary Acft Trnr Sys (JPATS)													Item Number / Title [DODIC]: 1 / Total Flyaway									
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012												Fiscal Year 2013													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012												Calendar Year 2013												B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
1.1.1) Airframe/CFE																																
Prior Years Deliveries: 197																																
	1	2012	NAVY	36	-	36				A -	-	-	-	-	-	-	-	-	-	-	4	4	3	3	4	3	4	2	4	3	2	
	1	2013	NAVY	33	-	33																				A -	-	-	-	-	33	
	1	2013	ARMY (‡)	4	-	4																				A -	-	-	-	-	4	
	1	2013	Total	37	-	37																				-	-	-	-	-	37	
	1	2014	NAVY	29 <sup>(5)</sup>	-	29																									29	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015															
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 03 / 1									P-1 Line Item Number / Title: 0339 / JT Primary Acft Trnr Sys (JPATS)										Item Number / Title [DODIC]: 1 / Total Flyaway															
Cost Elements (Units in Each)							Fiscal Year 2014												Fiscal Year 2015															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT							Calendar Year 2014										Calendar Year 2015											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
1.1.1) Airframe/CFE																																		
Prior Years Deliveries: 197																																		
	1	2012	NAVY	36	34	2	2																											
	1	2013	NAVY	33	-	33	-	-	3	4	3	3	4	4	1	1	-	3	4	3	-	-	-	-	-	-	-	-	-					
	1	2013	ARMY (‡)	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1							
	1	2013	Total	37	-	37	-	-	3	4	3	3	4	4	1	1	-	3	4	3	-	-	-	-	-	-	3	1						
	1	2014	NAVY	29 <sup>(5)</sup>	-	29								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	3	21			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015										
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 03 / 1										P-1 Line Item Number / Title: 0339 / JT Primary Acft Trnr Sys (JPATS)													Item Number / Title [DODIC]: 1 / Total Flyaway										
Cost Elements (Units in Each)						Fiscal Year 2016													Fiscal Year 2017														
						Calendar Year 2016													Calendar Year 2017														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 5	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
1.1.1) Airframe/CFE																																	
Prior Years Deliveries: 197																																	
	1	2012	NAVY	36	36	-																					-						
	1	2013	NAVY	33	33	-																					-						
	1	2013	ARMY (‡)	4	4	-																					-						
	1	2013	Total	37	37	-																					-						
	1	2014	NAVY	29 <sup>(5)</sup>	8	21	2	3	2	2	3	2	3	2	2																		-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy				<b>Date:</b> February 2015			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 03 / 1			<b>P-1 Line Item Number / Title:</b> 0339 / JT Primary Acft Trnr Sys (JPATS)				<b>Item Number / Title [DODIC]:</b> 1 / Total Flyaway

MFR Ref #		Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	BEECHCRAFT DEFENSE COMPANY, LLC - HBC	24	82	96	-	-	-	-	-	6	11	17

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**Footnotes:**

<sup>(5)</sup> 2 Army A/C originally slated to deliver at the beginning of Lot 20 are now being delivered at the end of Lot 19 (4 Army Lot 19 A/C total)

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy										<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft							<b>P-1 Line Item Number / Title:</b> 0416 / KC-130J					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>Line Item MDAP/MAIS Code:</b> 000		<b>Item MDAP/MAIS Code(s):</b>										
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	51	1	1	2	-	2	2	2	2	2	41	104
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	3,573.888	79.673	106.905	208.502	-	208.502	170.358	176.160	212.438	217.963	4,615.766	9,361.653
Less PY Advance Procurement ( <i>\$ in Millions</i> )	218.733	10.615	14.615	16.288	-	16.288	32.451	28.936	25.422	25.934	581.149	954.143
Net Procurement (P1) ( <i>\$ in Millions</i> )	3,355.155	69.058	92.290	192.214	-	192.214	137.907	147.224	187.016	192.029	4,034.617	8,407.510
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	239.963	32.288	-	24.451	-	24.451	24.936	25.422	25.934	66.120	515.029	954.143
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>3,595.118</b>	<b>101.346</b>	<b>92.290</b>	<b>216.665</b>	<b>-</b>	<b>216.665</b>	<b>162.843</b>	<b>172.646</b>	<b>212.950</b>	<b>258.149</b>	<b>4,549.646</b>	<b>9,361.653</b>
<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> )	-	7.928	0.310	3.999	-	3.999	1.971	5.612	3.911	3.940	Continuing	Continuing
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	63,537.059	73,021.000	73,389.000	76,723.500	-	76,723.500	79,282.500	79,836.000	99,437.500	96,095.000	105,423.878	82,422.385
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	70,076.235	79,673.000	106,905.000	104,251.000	-	104,251.000	85,179.000	88,080.000	106,219.000	108,981.500	112,579.659	90,015.894
<b>Description:</b> The KC-130J aircraft is an all metal, high-wing, long-range, land-based monoplane. It is designed for cargo, tanker and troop carrier operations. For tanker operations, the aircrew will consist of a pilot, co-pilot, augmented crew member and two air refueling observers. Features include wing mounted refueling pods, an internal cargo ramp and door, crew and cargo compartment pressurization, ground and in-flight refueling, thermal deicing systems and a Heads-Up Display (HUD). It is designed to take off and land on unimproved runways. The KC-130J aircraft is powered by four Allison AE 2100D3 Turbo-Prop Engines with four six-bladed composite propellers. The cockpit includes state-of-the-art electronics with Liquid Crystal Display (LCD) instrumentation. The improved power performance of the KC-130J provides 40 percent greater range, 25 percent higher cruise ceiling, 46 percent decrease in time-to-climb, 21 percent increase in maximum speed and 41 percent decrease in maximum effort take-off run over the existing KC-130F/R/T models.												
<b>Mission:</b> The mission of the KC-130J is to provide tactical in-flight refueling and assault support transport. As a tactical transport, it is capable of conventional or aerial delivery of personnel or cargo. The aircraft is capable of carrying 92 combat troops or 64 paratroopers with equipment or 64 litters when configured as an ambulance. The aircraft is equipped for in-flight refueling to service two aircraft simultaneously and has a removable 3,600 gallon (13,627 liter) fuel tank in the cargo compartment. The KC-130J has the capability to refuel low-speed helicopters and high-speed jet aircraft. Aerial refueling of helicopters is normally conducted at 6,000 feet or below, at an airspeed of 115 KTS TAS and requires a ground change of the refueling basket.												
BASIS FOR FY 2016 BUDGET REQUEST: To procure 2 KC-130J aircraft for the USMCR Squadrons. This budget request also includes EOQ funding in FY2014 to support a FY2014 through FY2018 multiyear procurement contract. Note: Due to the FY14 reduction of \$65.3M in the FY14 Appropriation Bill, the Advance Procurement (AP) in FY13 will be for the FY14 and FY15 aircraft. The AP in FY14 will be used for one FY16 aircraft. There is no AP in FY15.												
Controls locked prior to updating the "To Complete" cost. In order to reflect the correct program funding profile, supporting exhibits reflect actual "To Complete" cost and "Total" cost.												
The P-40 should reflect:												
	To Complete	Total										
Procurement Quantity	41	104										
Gross Weapon System Cost	\$4,615.766	\$9,361.654										
Less PY Advance Procurement	\$567.123	\$940.117										
Net Procurement (P1)	\$4,048.643	\$8,421.536										
Plus CY Advance Procurement	\$501.003	\$940.117										
Total Obligation Authority	\$4,549.646	\$9,361.653										
Flyaway Unit Cost	\$105,423.889	\$82,422.404										

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Secondary Distribution		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020
NR	Quantity	1	1	2	-	2	2	2	2	2
	Total Obligation Authority	101.346	92.290	216.665	-	216.665	162.843	172.646	212.950	258.149
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	101.346	92.290	216.665	-	216.665	162.843	172.646	212.950	258.149

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft				<b>P-1 Line Item Number / Title:</b> 0416 / KC-130J				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b>		
<b>Line Item MDAP/MAIS Code:</b> 000		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / KC-130J	P-5, P-5a, P-21		51 / 3,573.888	1 / 79.673	1 / 106.905	2 / 208.502	- / -	2 / 208.502
<b>Total Gross/Weapon System Cost</b>			<b>51 / 3,573.888</b>	<b>1 / 79.673</b>	<b>1 / 106.905</b>	<b>2 / 208.502</b>	<b>- / -</b>	<b>2 / 208.502</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1							P-1 Line Item Number / Title: 0416 / KC-130J						Item Number / Title [DODIC]: 1 / KC-130J					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				51		1		1		2		-		2				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				3,573.888		79.673		106.905		208.502		-		208.502				
Less PY Advance Procurement <i>(\$ in Millions)</i>				218.733		10.615		14.615		16.288		-		16.288				
Net Procurement (P1) <i>(\$ in Millions)</i>				3,355.155		69.058		92.290		192.214		-		192.214				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				239.963		32.288		-		24.451		-		24.451				
Total Obligation Authority <i>(\$ in Millions)</i>				3,595.118		101.346		92.290		216.665		-		216.665				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		7.928		0.310		3.999		-		3.999				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				70,076.235		79,673.000		106,905.000		104,251.000		-		104,251.000				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(†)</sup> (1)	60,766.353	51	3,099.084	68,300.000	1	68.300	68,385.300	1	68.385	71,623.200	2	143.246	-	-	-	71,623.200	2	143.246
1.1.3) GFE Electronics	-	-	71.006	-	-	2.086	-	-	2.126	-	-	4.332	-	-	-	-	-	4.332
1.1.6) Other GFE	-	-	18.175	-	-	0.684	-	-	0.888	-	-	1.810	-	-	-	-	-	1.810
Subtotal: Recurring Cost	-	-	3,188.265	-	-	71.070	-	-	71.399	-	-	149.388	-	-	-	-	-	149.388
Non Recurring Cost																		
1.2.1) Non-Recur Cost (2)	-	-	52.125	-	-	1.951	-	-	1.990	-	-	4.059	-	-	-	-	-	4.059
Subtotal: Non Recurring Cost	-	-	52.125	-	-	1.951	-	-	1.990	-	-	4.059	-	-	-	-	-	4.059
Subtotal: Flyaway Cost	-	-	3,240.390	-	-	73.021	-	-	73.389	-	-	153.447	-	-	-	-	-	153.447
Support Cost																		
2.1) Airframe PGSE	-	-	4.836	-	-	1.055	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Engine PGSE	-	-	3.676	-	-	1.237	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Avionics PGSE	-	-	5.300	-	-	0.465	-	-	0.269	-	-	-	-	-	-	-	-	-
2.4) Pec Trng Eq	-	-	93.590	-	-	-	-	-	28.654	-	-	49.848	-	-	-	-	-	49.848
2.5) Pub/Tech Eq	-	-	3.530	-	-	0.064	-	-	0.065	-	-	0.066	-	-	-	-	-	0.066
2.6) Prod Eng Supt	-	-	79.158	-	-	1.801	-	-	2.201	-	-	2.360	-	-	-	-	-	2.360
2.7) Other ILS	-	-	125.158	-	-	2.030	-	-	2.327	-	-	2.781	-	-	-	-	-	2.781
2.8) Miscellaneous Support	-	-	18.250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2016 Navy												Date: February 2015						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1						P-1 Line Item Number / Title: 0416 / KC-130J						Item Number / Title [DODIC]: 1 / KC-130J						
ID Code (A=Service Ready, B=Not Service Ready) :									MDAP/MAIS Code:									
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Subtotal: Support Cost	-	-	333.498	-	-	6.652	-	-	33.516	-	-	55.055	-	-	-	-	-	55.055
Gross/Weapon System Cost	70,076.235	51	3,573.888	79,673.000	1	79.673	106,905.000	1	106.905	104,251.000	2	208.502	-	-	-	104,251.000	2	208.502

(t) indicates the presence of a P-5a

## Footnotes:

(1) FY14-FY18 CFE Prices are Mult-Year pricing and are directly from the unsolicited proposal from Lockheed Martin. FY19-FY21 increases for Single Year pricing (moving out of MYP to SY) which includes a 3.0% Producer Price Index for Aerospace Product and Parts Industry Inflation Rates (PPI 3364). USAF is currently using the same escalation. In FY19 LAIRCM, JABS, and Block Upgrade are added into the production line which increases the cost of the aircraft.

(2) In FY19 LAIRCM, JABS, and Block Upgrade are added into the production line which increases the cost of the aircraft.

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<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Navy								<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1				<b>P-1 Line Item Number / Title:</b> 0416 / KC-130J				<b>Item Number / Title [DODIC]:</b> 1 / KC-130J				

<b>Cost Elements</b>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$ K)</b>	<b>Specs Avail Now?</b>	<b>Date Revision Available</b>	<b>RFP Issue Date</b>
1.1.1) Airframe/CFE <sup>(†)</sup>		2012	LMAS <sup>(3)</sup> / Marietta, GA	SS / FFP	USAF Wright Patterson Ohio	Aug 2013	Mar 2015	1	68,631.100	Y		
1.1.1) Airframe/CFE <sup>(†)</sup>		2013 (4)	LMAS <sup>(3)</sup> / Marietta, GA	SS / FFP	USAF Wright Patterson Ohio	Dec 2014	Oct 2016	3	66,776.833	Y		
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	LMAS <sup>(3)</sup> / Marietta, GA	SS / FFP	USAF Wright Patterson Ohio	Jan 2015	May 2016	1	68,300.000	Y		
1.1.1) Airframe/CFE <sup>(†)</sup>		2015	LMAS <sup>(3)</sup> / Marietta, GA	SS / FFP	USAF Wright Patterson Ohio	Apr 2015	May 2017	1	68,385.300	Y		
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	LMAS <sup>(3)</sup> / Marietta, GA	SS / FFP	USAF Wright Patterson Ohio	Feb 2016	May 2018	2	71,623.200	Y		

<sup>(†)</sup> indicates the presence of a P-21

**Footnotes:**

<sup>(3)</sup> Manufacturer Production Lead Time does not reflect additional 12-month lead time required for long lead items procured through the Advance Procurement contract.

<sup>(4)</sup> FY13 Congressional Add aircraft to be negotiated concurrent with Multi year contract negotiations.

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Exhibit P-21, Production Schedule: PB 2016 Navy																					Date: February 2015											
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0416 / KC-130J											Item Number / Title [DODIC]: 1 / KC-130J											
Cost Elements (Units in Each)							Fiscal Year 2013											Fiscal Year 2014														
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013											Calendar Year 2014												B A L		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
Prior Years Deliveries: 47																																
	1	2012	NAVY	1 <sup>(5)</sup>	-	1											A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	1	2012	AF (‡)	1	-	1											A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	1	2012	Total	2	-	2											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2013	NAVY	3	-	3																										3
	1	2014	NAVY	1 <sup>(6)</sup>	-	1																										1
	1	2014	AF (‡)	4	-	4																										4
	1	2014	Total	5	-	5																										5
	1	2015	NAVY	1 <sup>(7)</sup>	-	1																										1
	1	2015	AF (‡)	2	-	2																										2
	1	2015	Total	3	-	3																										3
	1	2016	NAVY	2 <sup>(8)</sup>	-	2																										2
	1	2016	AF (‡)	6	-	6																										6
	1	2016	Total	8	-	8																										8
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0416 / KC-130J										Item Number / Title [DODIC]: 1 / KC-130J												
Cost Elements (Units in Each)							Fiscal Year 2015										Fiscal Year 2016															
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
Prior Years Deliveries: 47																																
	1	2012	NAVY	1 <sup>(5)</sup>	-	1	-	-	-	-	-	1																				-
	1	2012	AF (‡)	1	-	1	-	-	-	-	-	1																				-
	1	2012	Total	2	-	2	-	-	-	-	-	2																				-
	1	2013	NAVY	3	-	3			A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	1	2014	NAVY	1 <sup>(6)</sup>	-	1				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
	1	2014	AF (‡)	4	-	4				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	-	-	
	1	2014	Total	5	-	5				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	1	-	-	
	1	2015	NAVY	1 <sup>(7)</sup>	-	1							A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
	1	2015	AF (‡)	2	-	2							A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
	1	2015	Total	3	-	3							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
	1	2016	NAVY	2 <sup>(8)</sup>	-	2																		A -	-	-	-	-	-	-	-	2
	1	2016	AF (‡)	6	-	6																		A -	-	-	-	-	-	-	-	6
	1	2016	Total	8	-	8																		-	-	-	-	-	-	-	-	8
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015																		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0416 / KC-130J										Item Number / Title [DODIC]: 1 / KC-130J																		
Cost Elements (Units in Each)							Fiscal Year 2017										Fiscal Year 2018																					
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017										Calendar Year 2018										B A L											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P							
1.1.1) Airframe/CFE <sup>(1)</sup>																																						
Prior Years Deliveries: 47																																						
	1	2012	NAVY	1 <sup>(5)</sup>	1	-																											-					
	1	2012	AF <sup>(‡)</sup>	1	1	-																											-					
	1	2012	Total	2	2	-																											-					
	1	2013	NAVY	3	-	3																											1	-	-	1	1	-
	1	2014	NAVY	1 <sup>(6)</sup>	1	-																											-					
	1	2014	AF <sup>(‡)</sup>	4	4	-																											-					
	1	2014	Total	5	5	-																											-					
	1	2015	NAVY	1 <sup>(7)</sup>	-	1	-	-	-	-	-	-	1	-																			-					
	1	2015	AF <sup>(‡)</sup>	2	-	2	-	-	-	-	-	-	1	1																			-					
	1	2015	Total	3	-	3	-	-	-	-	-	-	2	1																			-					
	1	2016	NAVY	2 <sup>(8)</sup>	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1							
	1	2016	AF <sup>(‡)</sup>	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1								
	1	2016	Total	8	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	1	1	2								
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L							

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Exhibit P-21, Production Schedule: PB 2016 Navy																			Date: February 2015																		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0416 / KC-130J										Item Number / Title [DODIC]: 1 / KC-130J																	
Cost Elements (Units in Each)							Fiscal Year 2019										Fiscal Year 2020																				
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019										Calendar Year 2020										B A L										
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P						
1.1.1) Airframe/CFE <sup>(1)</sup>																																					
Prior Years Deliveries: 47																																					
	1	2012	NAVY		1 <sup>(5)</sup>	1	-																										-				
	1	2012	AF (‡)		1	1	-																										-				
	1	2012	Total		2	2	-																										-				
	1	2013	NAVY		3	3	-																										-				
	1	2014	NAVY		1 <sup>(6)</sup>	1	-																										-				
	1	2014	AF (‡)		4	4	-																										-				
	1	2014	Total		5	5	-																										-				
	1	2015	NAVY		1 <sup>(7)</sup>	1	-																										-				
	1	2015	AF (‡)		2	2	-																										-				
	1	2015	Total		3	3	-																										-				
	1	2016	NAVY		2 <sup>(8)</sup>	1	1	-	-	-	-	1																				-					
	1	2016	AF (‡)		6	5	1	1	-	-	-	-																				-					
	1	2016	Total		8	6	2	1	-	-	-	1	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1					P-1 Line Item Number / Title: 0416 / KC-130J				Item Number / Title [DODIC]: 1 / KC-130J			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	LMAS <sup>(3)</sup> - Marietta, GA	-	-	-	-	6	36	42	-	6	25	31

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**Footnotes:**

<sup>(3)</sup> Manufacturer Production Lead Time does not reflect additional 12-month lead time required for long lead items procured through the Advance Procurement contract.

<sup>(5)</sup> Airforce aircraft shown delivering 2015-03 will actually deliver 2014-12.

<sup>(6)</sup> Two additional Airforce aircraft to deliver 2015-12 and 2016-01.

<sup>(7)</sup> Five additional Airforce aircraft to deliver 2016-09, 2016-10, 2016-11, 2016-12, and 2017-01.

<sup>(8)</sup> Six additional Airforce aircraft to deliver 2017-10, 2017-11, 2017-12, 2018-01, 2018-02, and 2018-03.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	<b>P-1 Line Item Number / Title:</b> 0416 / KC-130J
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 000	<b>Item MDAP/MAIS Code(s):</b>
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	239.963	32.288	-	24.451	-	24.451	24.936	25.422	25.934	66.120	515.029	954.143
Net Procurement (P1) ( <i>\$ in Millions</i> )	239.963	32.288	-	24.451	-	24.451	24.936	25.422	25.934	66.120	515.029	954.143
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>239.963</b>	<b>32.288</b>	<b>-</b>	<b>24.451</b>	<b>-</b>	<b>24.451</b>	<b>24.936</b>	<b>25.422</b>	<b>25.934</b>	<b>66.120</b>	<b>515.029</b>	<b>954.143</b>

**Description:**

MISSION AND DESCRIPTION:

The KC-130J aircraft is an all metal, high-wing, long-range, land-based monoplane. It is designed for cargo, tanker and troop carrier operations. For tanker operations, the aircrew will consist of a pilot, co-pilot, augmented crew member and two air refueling observers. Features include wing mounted refueling pods, an internal cargo ramp and door, crew and cargo compartment pressurization, ground and in-flight refueling, thermal deicing systems and a Heads-Up Display (HUD). It is designed to take off and land on unimproved runways. The KC-130J is powered by four Allison AE 2100D3 Turbo-Prop Engines with four six-bladed composite propellers. The cockpit includes state-of-the-art electronics with Liquid Crystal Display (LCD) instrumentation. The improved power performance of the KC-130J provides 40 percent greater range, 25 percent higher cruise ceiling, 46 percent decrease in time-to-climb, 21 percent increase in maximum speed and 41 percent decrease in maximum effort take-off run over the existing KC-130F/R/T models.

The mission of the KC-130J is to provide tactical in-flight refueling and assault support transport. As a tactical transport, it is capable of conventional or aerial delivery of personnel or cargo. The aircraft is capable of carrying 92 combat troops or 64 paratroopers with equipment or 64 litters when configured as an ambulance. The aircraft is equipped for in-flight refueling to service two aircraft simultaneously and has a removable 3,600 gallon (13,627 liter) fuel tank in the cargo compartment.

The KC-130J has the capability to refuel low-speed helicopters and high-speed jet aircraft. Aerial refueling of helicopters is normally conducted at 6,000 feet or below, at an airspeed of 115 KTS TAS and requires a ground change of the refueling basket.

BASIS FOR FY 2016 BUDGET REQUEST:

The FY16 Advance Procurement request covers requirements for Airframe Contractor Furnished Equipment (CFE) and Long Lead Government Furnished Equipment (GFE) to support procurement of 2 KC-130J Aircraft for the Marine Squadrons under Program Element 0502504M in FY17.

This budget request includes EOQ funding in FY2014 to support a FY2014 through FY2018 multiyear procurement contract.

Due to the FY14 reduction of \$65.3M in the FY14 Appropriation Bill, the Advance Procurement (AP) in FY13 will be for the FY14 and FY15 aircraft. The AP in FY14 will be used for the FY16 aircraft. There is no AP in FY15.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy							<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft					<b>P-1 Line Item Number / Title:</b> 0416 / KC-130J			
<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>			
<b>Line Item MDAP/MAIS Code:</b> 000			<b>Item MDAP/MAIS Code(s):</b>					
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / KC-130J	P-10		- / 239.963	- / 32.288	- / -	- / 24.451	- / -	- / 24.451
<b>Total Gross/Weapon System Cost</b>			<b>- / 239.963</b>	<b>- / 32.288</b>	<b>- / -</b>	<b>- / 24.451</b>	<b>- / -</b>	<b>- / 24.451</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1		<b>P-1 Line Item Number / Title:</b> 0416 / KC-130J			<b>P-5 Number / Title:</b> 1 / KC-130J	
<b>First System (2016) Award Date:</b> January 2013		<b>First System (2016) Completion Date:</b> January 2013		<b>Interval Between Systems:</b> 0 Months		
<b>KC-130J</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2014</b> <i>(Each)</i>	<b>FY 2015</b> <i>(Each)</i>	<b>FY 2016</b> <i>(Each)</i>
Quantity			51	1	1	2
<b>Cost Element</b>	<b>When Rqd</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2014</b> <i>(\$ M)</i>	<b>FY 2015</b> <i>(\$ M)</i>	<b>FY 2016</b> <i>(\$ M)</i>	
<b>CFE</b>						
CFE - Airframe T.L.	0	216.799	10.400	-	20.000	
<i>Total: CFE</i>		<i>216.799</i>	<i>10.400</i>	<i>-</i>	<i>20.000</i>	
<b>GFE</b>						
GFE Electronics	0	21.001	1.804	-	4.164	
GFE Other	0	2.163	0.084	-	0.287	
<i>Total: GFE</i>		<i>23.164</i>	<i>1.888</i>	<i>-</i>	<i>4.451</i>	
<b>EOQ</b>						
EOQ	0	-	20.000	-	-	
<i>Total: EOQ</i>		<i>-</i>	<i>20.000</i>	<i>-</i>	<i>-</i>	
<b>Total Advance Procurement/Obligation Authority</b>		<b>239.963</b>	<b>32.288</b>	<b>-</b>	<b>24.451</b>	

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):</b> PB 2016 Navy						<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1		<b>P-1 Line Item Number / Title:</b> 0416 / KC-130J				<b>P-5 Number / Title:</b> 1 / KC-130J	
<b>Cost Elements</b>	<b>QPA</b> <i>(Each)</i>	<b>FY 2016</b>					
		<b>Production Leadtime</b> <i>(Months)</i>	<b>Unit Cost</b> <i>(\$ K)</i>	<b>Contract Forecast Date</b>	<b>2016 Qty</b> <i>(Each)</i>	<b>For FY</b>	<b>Total Cost Request</b> <i>(\$ M)</i>
<b>CFE</b>							
CFE - Airframe T.L.	-						20.000
<i>Total: CFE</i>							20.000
<b>GFE</b>							
GFE Electronics	-						4.164
GFE Other	-						0.287
<i>Total: GFE</i>							4.451
<b>EOQ</b>							
EOQ	-						-
<i>Total: EOQ</i>							-
<b>Total Advance Procurement/Obligation Authority</b>							<b>24.451</b>
<p><b>Description:</b>          The Advance Procurement (AP) funding will be used to procure long lead GFE and CFE items. Material long lead items are CFE (Airframe) (12 months - 24 months), and GFE: SATCOM, AN/ARC210 (12 months), External Tank Reticulated Foam (12 months), TACTERM, ANDVJ (12 months), AN/AAR-47 Missile Approach Warning System (MAWS) (15 months), AN/ALR-56M Radar Warning Receivers (18 months), Wing Reticulated Foam (15 months), KY-75 (16 months), AN/PRC 149 Radio Set (24 months). All of these long lead items are essential to maintaining the KC-130J delivery schedule. Any reduction or delay in approval of AP funding for CFE (Airframe) would both delay assembly of aircraft by one year and result in significant cost increase to the KC-130J program.          Note: T.L. is Termination Liability.</p>							

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	<b>P-1 Line Item Number / Title:</b> 0442 / MQ-4 TRITON
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 373	<b>Item MDAP/MAIS Code(s):</b>
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	3	-	3	3	4	4	4	48	66
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	-	-	561.929	-	561.929	562.785	634.576	702.899	716.800	7,174.791	10,353.780
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	67.670	-	67.670	54.577	74.152	75.560	76.796	1,052.299	1,401.054
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	-	-	494.259	-	494.259	508.208	560.424	627.339	640.004	6,122.492	8,952.726
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	67.670	54.577	-	54.577	74.152	75.560	76.796	78.459	973.840	1,401.054
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>0.000</b>	<b>-</b>	<b>67.670</b>	<b>548.836</b>	<b>-</b>	<b>548.836</b>	<b>582.360</b>	<b>635.984</b>	<b>704.135</b>	<b>718.463</b>	<b>7,096.332</b>	<b>10,353.780</b>

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

Initial Spares <i>(\$ in Millions)</i>	-	-	-	153.954	-	153.954	110.263	105.532	6.758	6.881	Continuing	Continuing
Flyaway Unit Cost <i>(\$ in Thousands)</i>	-	-	-	122,989.000	-	122,989.000	119,484.000	114,786.500	112,042.000	112,483.250	125,067.813	122,544.258
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>	-	-	-	187,309.667	-	187,309.667	187,595.000	158,644.000	175,724.750	179,200.000	149,474.813	156,875.455

**Description:**

The MQ-4C Triton Unmanned Air Systems (UAS) is integral to recapitalizing the Navy's Maritime Patrol and Reconnaissance Force. The Triton capability has been developed for the maritime persistent Intelligence, Surveillance and Reconnaissance (ISR) mission. Teamed with its manned-capability counterpart, the P-8A, Triton will be a key component of the Navy's family of systems to achieve maritime domain awareness. The MQ-4C air vehicle, mission control system, specialized sensors, and communications suite will play a significant role in the Sea Shield and FORCEnet pillars of Sea Power 21. In its Sea Shield role, Triton's on-station time and range enables unmatched awareness of the maritime battlespace by sustaining the common operational tactical picture (COTP) for Surface Warfare and the Overseas Contingency Operation. The system will serve as a Fleet Response Plan enabler while acting as a trip wire for Intelligence Preparation of the Environment.

MQ-4C Triton includes an endurance-class UAS that will operate from land-based sites around the world. Unmanned aircraft at each operating location will provide persistent maritime ISR by being airborne 24 hours a day, 7 days a week out to ranges of 2,000 nautical miles. Worldwide access will be achieved by providing coverage to nearly all the world's high-density sea-lanes, littorals and areas of national interest from its operating locations. Triton will leverage the Maritime Patrol and Reconnaissance Forces community to enhance manpower, training and maintenance efficiencies.

MQ-4C Triton UAS sensors will provide detection, classification, tracking and identification of maritime targets. Sensors to fulfill mission requirements include maritime radar, electro-optical/infrared and Electronic Support Measures systems. Additionally, Triton will have a communications relay capability linking dispersed forces in the theater of operation and serving as a node in the Navy's FORCEnet strategy. The MQ-4C Triton UAS will support the Fleet Commander's common operational tactical picture COTP of the battlespace, day and night. The UAS will cue other Navy assets for further situational investigation and/or attack, and will also provide battle damage assessment of the area of interest. Tactical-level data analysis will occur in real-time at shore-based Mission Control Systems via satellite communications. Further intelligence exploitation can be conducted at shore-based sites or aboard Carrier Vessel Nuclear/Landing Helicopter Dock ships.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft				<b>P-1 Line Item Number / Title:</b> 0442 / MQ-4 TRITON				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b>		
<b>Line Item MDAP/MAIS Code:</b> 373		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / RQ-4 UAV	P-5, P-5a, P-21		- / 0.000	- / -	- / -	3 / 561.929	- / -	3 / 561.929
<b>Total Gross/Weapon System Cost</b>			<b>- / 0.000</b>	<b>- / -</b>	<b>- / -</b>	<b>3 / 561.929</b>	<b>- / -</b>	<b>3 / 561.929</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								

**Justification:**  
 Basis for FY 2016 Budget Request: FY16 request includes three FY16 Low Rate Initial Production (LRIP) MQ-4C Triton Unmanned Air Systems (UAS) and efforts to stand up depot repair and organic maintenance capability.

FY16 Advanced Procurement funding will support three FY16 LRIP MQ-4C Triton UAS.

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Exhibit P-5, Cost Analysis: PB 2016 Navy												Date: February 2015						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1						P-1 Line Item Number / Title: 0442 / MQ-4 TRITON						Item Number / Title [DODIC]: 1 / RQ-4 UAV						
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				-		-		-		3		-		3				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				0.000		-		-		561.929		-		561.929				
Less PY Advance Procurement <i>(\$ in Millions)</i>				-		-		-		67.670		-		67.670				
Net Procurement (P1) <i>(\$ in Millions)</i>				0.000		-		-		494.259		-		494.259				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				-		-		67.670		54.577		-		54.577				
Total Obligation Authority <i>(\$ in Millions)</i>				0.000		-		67.670		548.836		-		548.836				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		-		-		153.954		-		153.954				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				-		-		-		187,309.667		-		187,309.667				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(1)</sup>	-	-	-	-	-	-	-	-	-	60,503.667	3	181.511	-	-	-	60,503.667	3	181.511
1.1.2) CFE Electronics <sup>(2)</sup>	-	-	-	-	-	-	-	-	-	-	-	93.695	-	-	-	-	-	93.695
1.1.4) Engines/Eng Acc <sup>(3)</sup>	-	-	-	-	-	-	-	-	-	-	-	11.844	-	-	-	-	-	11.844
1.1.6) Other GFE <sup>(4)</sup>	-	-	-	-	-	-	-	-	-	-	-	0.565	-	-	-	-	-	0.565
1.1.7) Rec Flyaway ECO	-	-	-	-	-	-	-	-	-	-	-	23.009	-	-	-	-	-	23.009
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	310.624	-	-	-	-	-	310.624
Non Recurring Cost																		
1.2.1) Non-Recur Cost	-	-	-	-	-	-	-	-	-	-	-	28.652	-	-	-	-	-	28.652
1.2.3) Other <sup>(5)</sup>	-	-	-	-	-	-	-	-	-	-	-	29.691	-	-	-	-	-	29.691
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	58.343	-	-	-	-	-	58.343
Subtotal: Flyaway Cost	-	-	-	-	-	-	-	-	-	-	-	368.967	-	-	-	-	-	368.967
Support Cost																		
2.2) Airframe PGSE <sup>(6)</sup>	-	-	-	-	-	-	-	-	-	-	-	80.689	-	-	-	-	-	80.689
2.3) Pec Training Equip <sup>(7)</sup>	-	-	-	-	-	-	-	-	-	-	-	41.489	-	-	-	-	-	41.489

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1						P-1 Line Item Number / Title: 0442 / MQ-4 TRITON							Item Number / Title [DODIC]: 1 / RQ-4 UAV					
ID Code (A=Service Ready, B=Not Service Ready) :									MDAP/MAIS Code:									
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.4) Pub/Tech Equip <sup>(8)</sup>	-	-	-	-	-	-	-	-	-	-	-	2.285	-	-	-	-	-	2.285
2.5) Prod Eng Supt	-	-	-	-	-	-	-	-	-	-	-	48.774	-	-	-	-	-	48.774
2.6) Other ILS <sup>(9)</sup>	-	-	-	-	-	-	-	-	-	-	-	19.725	-	-	-	-	-	19.725
Subtotal: Support Cost	-	-	-	-	-	-	-	-	-	-	-	192.962	-	-	-	-	-	192.962
Gross/Weapon System Cost	-	-	0.000	-	-	-	-	-	-	187,309.667	3	561.929	-	-	-	187,309.667	3	561.929

(t) indicates the presence of a P-5a

## Footnotes:

- (1) Escalation for flyaway cost elements have been estimated using Global Insight indices and Forward Pricing Rate Agreements. These values reflect the methodology used to generate the Triton April 2014 Service Cost Position and the updated Triton Acquisition Program Baseline, approved by OSD in July, 2014. Unit Airframe/CFE estimates decline from FY16 through FY19 because inflation is offset by reductions generated from learning curve estimates and economic order quantity efficiencies.
- (2) The CFE Electronics cost element increases above inflation in FY18 as hardware purchases for the Multi-Intelligence capability begin.
- (3) Engines will be delivered with airframes.
- (4) Escalation for flyaway cost elements have been estimated using Global Insight indices and Forward Pricing Rate Agreements. These values reflect the methodology used to generate the Triton April 2014 Service Cost Position and the updated Triton Acquisition Program Baseline, approved by OSD in July, 2014. In FY17-20 these indices exceed the OSD inflation rates for the Engines, Other GFE, and Other cost elements.
- (5) Note: Other includes Ground Control Stations.
- (6) Increases in Airframe PGSE line reflect investment required to stand up depot repair and organic maintenance capability.
- (7) The Peculiar Training Equipment cost element increases in FY18 to support new training investment required to incorporate Triton's Multi-Intelligence capability into Triton's operator and maintainer training solution.
- (8) The yearly funding requirement for the Pub/Tech Equipment cost element fluctuates across the FYDP based on the schedule required to procure and standup Intermediate, Organizational, and Depot level maintenance systems required in support of Initial Operational Capability (IOC), Triton's Material Support Date and to establish core depot maintenance capabilities within 4 years of IOC, supporting Section 2464 of title 10, United States Code.
- (9) Other ILS cost element increases from FY16 to FY17 above OSD inflation primarily to acquire provisioning data required to provide a supportable Triton system at IOC and Triton's Material Support Date (MSD). Other ILS increases above inflation in FY18-20 due to Interim Contractor Support (ICS) requirements to support the Triton system prior to MSD.

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Exhibit P-5a, Procurement History and Planning: PB 2016 Navy								Date: February 2015				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1			P-1 Line Item Number / Title: 0442 / MQ-4 TRITON					Item Number / Title [DODIC]: 1 / RQ-4 UAV				
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	Northrop Grumman / Rancho Bernardo, CA	SS / FPIF	NAVAIR	Jan 2016	Jan 2018	3	60,503.667	Y		Sep 2014
<sup>(†)</sup> indicates the presence of a P-21												

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0442 / MQ-4 TRITON													Item Number / Title [DODIC]: 1 / RQ-4 UAV												
Cost Elements (Units in Each)							Fiscal Year 2016														Fiscal Year 2017														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016														Calendar Year 2017														B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1.1.1) Airframe/CFE <sup>(1)</sup>																																			
	1	2016	NAVY	3	-	3				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0442 / MQ-4 TRITON										Item Number / Title [DODIC]: 1 / RQ-4 UAV												
Cost Elements (Units in Each)							Fiscal Year 2018										Fiscal Year 2019															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018										Calendar Year 2019										BAL					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1.1.1) Airframe/CFE <sup>(1)</sup>																																
	1	2016	NAVY	3	-	3	-	-	-	1	-	-	-	1	-	-	-	1														-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1					P-1 Line Item Number / Title: 0442 / MQ-4 TRITON				Item Number / Title [DODIC]: 1 / RQ-4 UAV			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Northrop Grumman - Rancho Bernardo, CA	3	6	12	12	4	24	28	12	4	24	28

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	<b>P-1 Line Item Number / Title:</b> 0442 / MQ-4 TRITON
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<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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<b>Line Item MDAP/MAIS Code:</b> 373	<b>Item MDAP/MAIS Code(s):</b>
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	67.670	54.577	-	54.577	74.152	75.560	76.796	78.459	973.840	1,401.054
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	67.670	54.577	-	54.577	74.152	75.560	76.796	78.459	973.840	1,401.054
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	-	<b>67.670</b>	<b>54.577</b>	-	<b>54.577</b>	<b>74.152</b>	<b>75.560</b>	<b>76.796</b>	<b>78.459</b>	<b>973.840</b>	<b>1,401.054</b>

**Description:**

The MQ-4C Triton UAS is integral to recapitalizing the Navy's Maritime Patrol and Reconnaissance Force. The Triton capability has been developed for the maritime persistent Intelligence, Surveillance and Reconnaissance (ISR) mission. Teamed with its manned-capability counterpart, the P-8A, Triton will be a key component of the Navy's family of systems to achieve maritime domain awareness. The MQ-4C air vehicle, mission control system, specialized sensors, and communications suite will play a significant role in the Sea Shield and FORCEnet pillars of Sea Power 21. In its Sea Shield role, Triton on-station time and range enables unmatched awareness of the maritime battlespace by sustaining the common operational tactical picture (COTP) for Surface Warfare and the Overseas Contingency Operation. The system will serve as a Fleet Response Plan enabler while acting as a trip wire for Intelligence Preparation of the Environment.

MQ-4C Triton includes an endurance-class UAS that will operate from land-based sites around the world. Unmanned aircraft at each operating location will provide persistent maritime ISR by being airborne 24 hours a day, 7 days a week out to ranges of 2,000 nautical miles. Worldwide access will be achieved by providing coverage to nearly all the world's high-density sea-lanes, littorals and areas of national interest from its operating locations. Triton will leverage the Maritime Patrol and Reconnaissance Forces community to enhance manpower, training and maintenance efficiencies.

MQ-4C Triton UAS sensors will provide detection, classification, tracking and identification of maritime targets. Sensors to fulfill mission requirements include maritime radar, electro-optical/infrared and Electronic Support Measures systems. Additionally, Triton will have a communications relay capability linking dispersed forces in the theater of operation and serving as a node in the Navy's FORCEnet strategy. The MQ-4C Triton UAS will support the Fleet Commander's common operational tactical picture COTP of the battlespace, day and night. The UAS will cue other Navy assets for further situational investigation and/or attack, and will also provide battle damage assessment of the area of interest. Tactical-level data analysis will occur in real-time at shore-based Mission Control Systems via satellite communications. Further intelligence exploitation can be conducted at shore-based sites or aboard Carrier Vessel Nuclear/Landing Helicopter Dock ships.

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft				<b>P-1 Line Item Number / Title:</b> 0442 / MQ-4 TRITON				
<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>Line Item MDAP/MAIS Code:</b> 373		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / RQ-4 UAV	P-10		- / -	- / -	- / 67.670	- / 54.577	- / -	- / 54.577
<b>Total Gross/Weapon System Cost</b>			- / -	- / -	<b>- / 67.670</b>	<b>- / 54.577</b>	<b>- / -</b>	<b>- / 54.577</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								

**Justification:**

Basis for FY 2016 Budget Request: FY16 requests Advanced Procurement to support long lead requirements for three FY17 Low Rate Initial Production MQ-4C Triton Unmanned Air Systems.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2016 Navy					<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1			<b>P-1 Line Item Number / Title:</b> 0442 / MQ-4 TRITON		<b>P-5 Number / Title:</b> 1 / RQ-4 UAV	
<b>First System (2016) Award Date:</b> January 2016		<b>First System (2016) Completion Date:</b> January 2018		<b>Interval Between Systems:</b> 12 Months		
<b>RQ-4 UAV</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2014</b> <i>(Each)</i>	<b>FY 2015</b> <i>(Each)</i>	<b>FY 2016</b> <i>(Each)</i>
Quantity			-	-	-	3
<b>Cost Element</b>	<b>When Rqd</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2014</b> <i>(\$ M)</i>	<b>FY 2015</b> <i>(\$ M)</i>	<b>FY 2016</b> <i>(\$ M)</i>	
<b>CFE</b>						
CFE - Airframe T.L.	0	-	-	67.670	54.577	
<i>Total: CFE</i>		-	-	67.670	54.577	
<b>Total Advance Procurement/Obligation Authority</b>		-	-	<b>67.670</b>	<b>54.577</b>	

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):</b> PB 2016 Navy						<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1		<b>P-1 Line Item Number / Title:</b> 0442 / MQ-4 TRITON				<b>P-5 Number / Title:</b> 1 / RQ-4 UAV	
<b>Cost Elements</b>	<b>QPA</b> <i>(Each)</i>	<b>FY 2016</b>					
		<b>Production Leadtime</b> <i>(Months)</i>	<b>Unit Cost</b> <i>(\$ K)</i>	<b>Contract Forecast Date</b>	<b>2016 Qty</b> <i>(Each)</i>	<b>For FY</b>	<b>Total Cost Request</b> <i>(\$ M)</i>
<b>CFE</b>							
CFE - Airframe T.L.	-						54.577
<i>Total: CFE</i>							54.577
<b>Total Advance Procurement/Obligation Authority</b>							<b>54.577</b>
<p><b>Description:</b>            The MQ-4C Triton Advance Procurement (AP) funding will be used to procure long lead CFE material for subsystems such as, but not limited to, the Multi-Function Active Sensor (MFAS) radar, landing gear, wings, and wide band command and control system. Airframe/CFE requirements are calculated on a Termination Liability (TL) basis, reflecting the contractor's funding requirements for procurement of long lead parts and materials necessary to protect the delivery schedule. CFE - Airframe (TL) is directly related to the end item quantity.</p>							

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**Exhibit P-40, Budget Line Item Justification:** PB 2016 Navy **Date:** February 2015

**Appropriation / Budget Activity / Budget Sub Activity:**  
1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft **P-1 Line Item Number / Title:**  
0443 / MQ-8 UAV

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

**Line Item MDAP/MAIS Code:** 253 **Item MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	38	2	5	2	-	2	2	2	2	2	9	64
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	620.548	74.080	109.663	120.020	-	120.020	98.501	88.670	97.363	84.345	342.226	1,635.416
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	620.548	74.080	109.663	120.020	-	120.020	98.501	88.670	97.363	84.345	342.226	1,635.416
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>620.548</b>	<b>74.080</b>	<b>109.663</b>	<b>120.020</b>	<b>-</b>	<b>120.020</b>	<b>98.501</b>	<b>88.670</b>	<b>97.363</b>	<b>84.345</b>	<b>342.226</b>	<b>1,635.416</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	12.261	12.573	-	-	-	-	-	-	-	83.457	108.291
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	13,715.211	28,078.000	14,867.400	29,925.500	-	29,925.500	28,629.000	30,850.500	29,022.500	29,467.500	23,484.778	18,106.625
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	16,330.211	37,040.000	21,932.600	60,010.000	-	60,010.000	49,250.500	44,335.000	48,681.500	42,172.500	38,025.111	25,553.375

## Description:

The MQ-8 Fire Scout Unmanned Air System (popular name "Fire Scout") program went through a Title 10 Section 2433 (Nunn-McCurdy Breach) review in 2014 due to a unit cost breach. The Department certified a restructured program to Congress on 16 June 2014. The restructured program that was certified includes MQ-8B air vehicles procured under the original program of record, MQ-8C air vehicles procured under the Department of the Navy's Rapid Deployment Capability (RDC) procurement process, and an additional 21 MQ-8C air vehicles to be procured to complete the program Fleet requirements of 70 air vehicles (61 procurement and 9 RDT&E), and associated Mission Control Stations (MCS), Unmanned Aerial Vehicle Common Automatic Recovery Systems (UCARS) and support equipment. The restructured program also includes the endurance upgrade, radar, and weapons capabilities, such as those developed under the Navy's RDC authorities. All acquisition actions previously planned under the RDCs have transitioned into the restructured program of record.

The MQ-8B based system had an approved Milestone C (MS C) in May 2007. The Nunn-McCurdy certification process revoked the MS C approval. MS C for the restructured MQ-8 program is currently scheduled in the 2QFY16.

The MQ-8 Fire Scout provides real-time and non-real-time Intelligence, Surveillance and Reconnaissance (ISR) data to tactical users without the use of manned aircraft or reliance on limited joint theater or national assets. The baseline MQ-8 can accomplish missions including over-the-horizon tactical reconnaissance, classification, targeting and laser designation and battle management (including voice relay). The MQ-8 launches and recovers vertically, and can operate from air capable ships, as well as area land bases. Interoperability is achieved through the use of the Tactical Control System (TCS) software in the Mission Control Station (MCS) (also referred to as Ground Control Station (GCS)) and through the use of the Tactical Common Data Link (TCDL). The data from the MQ-8 will be provided through standard DoD Command, Control, Communications, Computers and ISR system architectures and protocols.

A deployed MQ-8 system is comprised of: air vehicle(s), payloads (i.e. electro-optical/infra-red/laser designator-range finder, Automated Identification System, communications relay, radar, weapons, and other specialty payloads), MCS (with TCS and TC DL integrated for interoperability), a UCARS for automatic take-off and landings, and associated spares and support equipment. A limited number of land-based mission control stations supplement the shipboard systems to support shore based operations, such as pre-deployment or acceptance functional check flights. These land based mission control stations will also support depot level maintenance/post-maintenance activities.

Training devices will be procured for pre-deployment, proficiency, and maintenance training. Non-Recurring efforts include Diminishing Manufacturing Sources and Material Shortages (DMSMS), evaluation and studies on system obsolescence and replacement, and Engineering Change Proposals focused on performance and supportability requirements identified during testing and deployments. In addition, specialty payloads and communications equipment may be procured in support of deployment requirements.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy		<b>Date:</b> February 2015
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft		<b>P-1 Line Item Number / Title:</b> 0443 / MQ-8 UAV
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<b>Line Item MDAP/MAIS Code:</b> 253	<b>Item MDAP/MAIS Code(s):</b>	
MQ-8 systems will support missions on suitably equipped air capable ships, including the Littoral Combat Ship (LCS). Quantities of air vehicles derived from bona fide need of air capable ship deployment requirements.		
Note 1: Controls locked prior to updating the "To Complete" column for actual cost and quantities. In order to reflect the correct Program funding profile, the "To Complete" Gross/Weapon System Cost, Net Procurement, and Total Obligation Authority should read \$322.199. The "To Complete" Procurement Quantity should be 6 for a total Procurement quantity of 61.		

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft					<b>P-1 Line Item Number / Title:</b> 0443 / MQ-8 UAV			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b>		
<b>Line Item MDAP/MAIS Code:</b> 253		<b>Item MDAP/MAIS Code(s):</b>						
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / MQ-8 UAV	P-5, P-5a, P-21		38 / 620.548	2 / 74.080	5 / 109.663	2 / 120.020	- / -	2 / 120.020
<b>Total Gross/Weapon System Cost</b>			<b>38 / 620.548</b>	<b>2 / 74.080</b>	<b>5 / 109.663</b>	<b>2 / 120.020</b>	<b>- / -</b>	<b>2 / 120.020</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								

**Justification:**  
 Basis for FY16 budget request: Fully funds 2 MQ-8 air vehicles; ancillary equipment such as Mission Control Station (MCS), UCARs, special payloads, and shipboard TCDL systems; Peculiar Training Equipment; Peculiar support equipment for airframe and avionics requirements; Production engineering support for production line technology insertion; and logistics production reach back, depot standup, technical publications, and government logistics support requirements necessary to field the MQ-8 system. The Peculiar Training increase supports procurement of a MQ-8 Mission Systems Trainer (MST), MQ-8C Composite Maintenance Trainer (CMT), MQ-8C Avionics Maintenance Trainer (AMT), MQ-8 MCS Maintenance Trainer, Proficiency Training Devices, Courseware (Operator End State, Maintenance, and MCS), and associated training support in order to meet Fleet training throughput requirements.

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Exhibit P-5, Cost Analysis: PB 2016 Navy												Date: February 2015						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1						P-1 Line Item Number / Title: 0443 / MQ-8 UAV						Item Number / Title [DODIC]: 1 / MQ-8 UAV						
ID Code (A=Service Ready, B=Not Service Ready) :									MDAP/MAIS Code:									
Resource Summary				Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total				
Procurement Quantity <i>(Units in Each)</i>				38		2		5		2		-		2				
Gross/Weapon System Cost <i>(\$ in Millions)</i>				620.548		74.080		109.663		120.020		-		120.020				
Less PY Advance Procurement <i>(\$ in Millions)</i>				-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>				620.548		74.080		109.663		120.020		-		120.020				
Plus CY Advance Procurement <i>(\$ in Millions)</i>				-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>				620.548		74.080		109.663		120.020		-		120.020				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																		
Initial Spares <i>(\$ in Millions)</i>				-		12.261		12.573		-		-		-				
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>				16,330.211		37,040.000		21,932.600		60,010.000		-		60,010.000				
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE <sup>(†)</sup>	9,299.000	38	353.362	12,580.000	2	25.160	8,637.250	5	43.186	16,990.000	2	33.980	-	-	-	16,990.000	2	33.980
1.1.2) GFE Electronics	-	-	47.786	-	-	8.692	-	-	22.145	-	-	9.077	-	-	-	-	-	9.077
1.1.3) Rec Flyaway ECO	-	-	4.263	-	-	0.429	-	-	0.423	-	-	1.154	-	-	-	-	-	1.154
Subtotal: Recurring Cost	-	-	405.411	-	-	34.281	-	-	65.754	-	-	44.211	-	-	-	-	-	44.211
Non Recurring Cost																		
1.2.1) Non-Recur Cost	-	-	17.072	-	-	2.577	-	-	-	-	-	2.227	-	-	-	-	-	2.227
1.2.2) Ancillary Equipment	-	-	98.695	-	-	19.298	-	-	8.583	-	-	13.413	-	-	-	-	-	13.413
Subtotal: Non Recurring Cost	-	-	115.767	-	-	21.875	-	-	8.583	-	-	15.640	-	-	-	-	-	15.640
Subtotal: Flyaway Cost	-	-	521.178	-	-	56.156	-	-	74.337	-	-	59.851	-	-	-	-	-	59.851
Support Cost																		
2.1) Airframe PGSE	-	-	4.936	-	-	2.350	-	-	3.631	-	-	5.805	-	-	-	-	-	5.805
2.2) Avionics PGSE	-	-	-	-	-	1.514	-	-	0.320	-	-	0.320	-	-	-	-	-	0.320
2.3) Peculiar Training Equipment	-	-	14.477	-	-	0.843	-	-	11.861	-	-	31.770	-	-	-	-	-	31.770
2.4) Pubs/Tech Equipment	-	-	1.277	-	-	0.127	-	-	2.149	-	-	2.179	-	-	-	-	-	2.179
2.5) Production Engineering Support	-	-	58.170	-	-	10.105	-	-	9.266	-	-	11.741	-	-	-	-	-	11.741
2.6) Other ILS Support	-	-	20.510	-	-	2.985	-	-	8.099	-	-	8.354	-	-	-	-	-	8.354

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<b>Exhibit P-5, Cost Analysis:</b> PB 2016 Navy													<b>Date:</b> February 2015					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1							<b>P-1 Line Item Number / Title:</b> 0443 / MQ-8 UAV						<b>Item Number / Title [DODIC]:</b> 1 / MQ-8 UAV					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :										<b>MDAP/MAIS Code:</b>								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support Cost</i>	-	-	99.370	-	-	17.924	-	-	35.326	-	-	60.169	-	-	-	-	-	60.169
<b>Gross/Weapon System Cost</b>	16,330.211	38	620.548	37,040.000	2	74.080	21,932.600	5	109.663	60,010.000	2	120.020	-	-	-	60,010.000	2	120.020
<p><b>Remarks:</b></p> <p>All current and future year air vehicle production is MQ-8C airframes.</p> <p>The FY14 Airframe CFE unit cost reflects a FY13/FY14 consolidated procurement of 5 air vehicles.</p> <p>Summary of the FY16-FY20 increase from PB15:</p> <p>Provides MQ-8 air vehicles, ancillary equipment which includes Mission Control Station (MCS), UCARs, special payloads, and shipboard TCDL systems; quantity and cost can vary by shipboard deployment need date and requirement. Support costs include peculiar training equipment peculiar support equipment for airframe and avionics requirements, publications, and production support. Other ILS includes production reach back, depot standup, and government logistics support requirements necessary to field the MQ-8 system.</p> <p>The Ancillary Equipment increase results from procurement of Mission Control Station (MCS) equipment to align with LCS delivery requirements and support MCS integration for Special Operations Command requirements.</p> <p>The Airframe CFE unit cost increase results from procurement quantities being below a minimum sustaining rate production profile.</p> <p>The Airframe PGSE increase results from procurement of MQ-8C air vehicle support equipment to support FY17 deployment requirements. Timeline supports delivery lead-time for integration, maintenance planning, and shipboard familiarization.</p> <p>The Peculiar Training Equipment increase results from the transition of MQ-8C into the program requiring procurement of multiple Trainers and Courseware requirements to meet Fleet requirements. The FY16 procurement includes a MQ-8 Mission Systems Trainer (MST) (3 of 3), MQ-8C Composite Maintenance Trainer (CMT), MQ-8C Avionics Maintenance Trainer (AMT), MQ-8 MCS Maintenance Trainer, Proficiency Training Devices, Courseware (Operator End State, Maintenance, and MCS), and associated training support.</p> <p>The Production Engineering Support increase results from government engineering and technical support required to initiate planning and integration requirements for endurance upgrade, radar, and weapons capabilities in future production lots.</p> <p>(t) indicates the presence of a P-5a</p>																		

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<b>Exhibit P-5a, Procurement History and Planning: PB 2016 Navy</b>								<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1			<b>P-1 Line Item Number / Title:</b> 0443 / MQ-8 UAV					<b>Item Number / Title [DODIC]:</b> 1 / MQ-8 UAV				
<b>Cost Elements</b>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$ K)</b>	<b>Specs Avail Now?</b>	<b>Date Revision Available</b>	<b>RFP Issue Date</b>
1.1.1) Airframe/CFE <sup>(†)</sup>		2012	Northrop Grumman <sup>(1)</sup> / San Diego	SS / CPIF	NAVAIR	Apr 2012	Feb 2015	10	11,713.800	Y		Aug 2011
1.1.1) Airframe/CFE <sup>(†)</sup>		2013	Northrop Grumman <sup>(1)</sup> / San Diego	SS / CPIF	NAVAIR	May 2013	Sep 2015	5	9,983.800	Y		May 2012
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	Northrop Grumman <sup>(1)</sup> / San Diego	SS / CPIF	NAVAIR	Mar 2014	Feb 2016	1	17,634.000	Y		May 2013
1.1.1) Airframe/CFE <sup>(†)</sup>	✓	2014	Northrop Grumman <sup>(1)</sup> / San Diego	SS / CPIF	NAVAIR	Mar 2014	Feb 2016	1	7,526.000	Y		May 2013
1.1.1) Airframe/CFE <sup>(†)</sup>	✓	2015	Northrop Grumman <sup>(1)</sup> / San Diego	SS / CPIF	NAVAIR	Mar 2015	May 2017	5	8,637.250	Y		Jul 2014
1.1.1) Airframe/CFE <sup>(†)</sup>		2016	Northrop Grumman <sup>(1)</sup> / San Diego	SS / FPIF	NAVAIR	Mar 2016	May 2018	2	16,990.000	Y		Nov 2015

<sup>(†)</sup> indicates the presence of a P-21

**Footnotes:**

<sup>(1)</sup> Current production rate of 2 air vehicles per year is below MSR increasing unit cost. The current production rate is tied to bona fide need of air vehicles to support LCS.

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015										
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1												P-1 Line Item Number / Title: 0443 / MQ-8 UAV												Item Number / Title [DODIC]: 1 / MQ-8 UAV									
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012												Fiscal Year 2013														
							Calendar Year 2012												Calendar Year 2013														
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
1.1.1) Airframe/CFE																																	
Prior Years Deliveries: 23																																	
	1	2012	NAVY	10 <sup>(2)</sup>	-	10							A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
	1	2013	NAVY	5 <sup>(3)</sup>	-	5																				A -	-	-	-	-	5		
	1	2014	NAVY	1 <sup>(4)</sup>	-	1																									1		
✓	1	2014	NAVY	1 <sup>(5)</sup>	-	1																									1		
✓	1	2015	NAVY	5	-	5																									5		
	1	2016	NAVY	2	-	2																									2		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015											
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0443 / MQ-8 UAV													Item Number / Title [DODIC]: 1 / MQ-8 UAV											
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014													Fiscal Year 2015														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014													Calendar Year 2015													B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1.1.1) Airframe/CFE																																		
Prior Years Deliveries: 23																																		
	1	2012	NAVY	10 <sup>(2)</sup>	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	2	3		-		
	1	2013	NAVY	5 <sup>(3)</sup>	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4		
	1	2014	NAVY	1 <sup>(4)</sup>	-	1						A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
✓	1	2014	NAVY	1 <sup>(5)</sup>	-	1						A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
✓	1	2015	NAVY	5	-	5																		A -	-	-	-	-	-	-	-	5		
	1	2016	NAVY	2	-	2																										2		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015										
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1											P-1 Line Item Number / Title: 0443 / MQ-8 UAV												Item Number / Title [DODIC]: 1 / MQ-8 UAV										
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2016												Fiscal Year 2017														
O C C O	M F R #	F Y	S E R V I C E	P R O C Q T Y	A C C E P T P R I O R T O 1 O C T 2 0 1 5	B A L D U E A S O F 1 O C T	Calendar Year 2016												Calendar Year 2017														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
1.1.1) Airframe/CFE																																	
Prior Years Deliveries: 23																																	
	1	2012	NAVY	10 <sup>(2)</sup>	10	-																											-
	1	2013	NAVY	5 <sup>(3)</sup>	1	4	1	1	1	1																							-
	1	2014	NAVY	1 <sup>(4)</sup>	-	1	-	-	-	-	1																						-
✓	1	2014	NAVY	1 <sup>(5)</sup>	-	1	-	-	-	-	1																						-
✓	1	2015	NAVY	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	3				
	1	2016	NAVY	2	-	2						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0443 / MQ-8 UAV													Item Number / Title [DODIC]: 1 / MQ-8 UAV									
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2018												Fiscal Year 2019													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018												Calendar Year 2019												B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
1.1.1) Airframe/CFE																																
Prior Years Deliveries: 23																																
	1	2012	NAVY	10 <sup>(2)</sup>	10	-																									-	
	1	2013	NAVY	5 <sup>(3)</sup>	5	-																									-	
	1	2014	NAVY	1 <sup>(4)</sup>	1	-																									-	
✓	1	2014	NAVY	1 <sup>(5)</sup>	1	-																									-	
✓	1	2015	NAVY	5	2	3																									1	-
	1	2016	NAVY	2	-	2	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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<b>Exhibit P-21, Production Schedule:</b> PB 2016 Navy								<b>Date:</b> February 2015			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1				<b>P-1 Line Item Number / Title:</b> 0443 / MQ-8 UAV				<b>Item Number / Title [DODIC]:</b> 1 / MQ-8 UAV			

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Northrop Grumman <sup>(1)</sup> - San Diego	6	10	33	-	-	-	-	5	5	24	29

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

## Footnotes:

- <sup>(1)</sup> Current production rate of 2 air vehicles per year is below MSR increasing unit cost. The current production rate is tied to bona fide need of air vehicles to support LCS.
- <sup>(2)</sup> Program changed delivery schedule due to consolidated FY12 and partial FY13 procurement.
- <sup>(3)</sup> Program changed delivery schedule due to a consolidated FY12 and partial FY13 procurement.
- <sup>(4)</sup> Program changed delivery schedule due to a consolidated FY13/FY14 procurement.
- <sup>(5)</sup> Program changed delivery schedule due to a consolidated FY13/FY14 procurement.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	<b>P-1 Line Item Number / Title:</b> 0444 / STUASLO
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0305234N, 0305239M
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	60	-	3	-	3	3	-	-	-	-	-	66
Gross/Weapon System Cost <i>(\$ in Millions)</i>	28.200	-	55.000	3.450	55.000	58.450	-	1.950	-	-	-	143.600
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	28.200	-	55.000	3.450	55.000	58.450	-	1.950	-	-	-	143.600
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>28.200</b>	<b>-</b>	<b>55.000</b>	<b>3.450</b>	<b>55.000</b>	<b>58.450</b>	<b>-</b>	<b>1.950</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>143.600</b>

*(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>(\$ in Dollars)</i>	470,000.00	-	17,682K	-	17,517K	18,667K	-	-	-	-	-	2,109K
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The RQ-21A BLACKJACK (formerly known as The Small Tactical Unmanned Aircraft System (STUAS)) is a combined United States Navy (USN) and United States Marine Corps (USMC) program that provides persistent maritime and land-based tactical Intelligence, Surveillance, and Reconnaissance/Target Acquisition support for tactical level maneuver decisions and unit level force defense/force protection for Naval amphibious assault ships (multi-ship classes) and Navy and Marine land forces. This system will support Naval Missions such as building the Recognized Maritime Picture, Maritime Security Operations, Maritime Interdiction Operations, and provide support for Naval Units operating from sea/shore in Overseas Contingency Operations. This submission is the USNs portion of the program and has been coordinated with the USMC budget submission PE 0305239M (RQ-21A).

The RQ-21A BLACKJACK system will continue to evolve and upgrade capabilities to satisfy capabilities shortfalls, new requirements, and reliability, maintainability and safety issues. Upgraded capabilities may include Navy Command and Control integration, Weapons integration, Heavy Fuel Engine, Laser Designator, Frequency Agile Communications Relay, Digital Common Data Link, and cyclic refresh of the Electro-Optical/Infrared camera. RQ-21A BLACKJACK will also continue to expand its shipboard capability across new ship classes.

**Prior Year Inactive Funding:**

Prior year funding was associated with Naval Special Warfare (NSW) Scan Eagle procurement. No prior year funding was associated with RQ-21A procurement. The Scan Eagle system provides near real-time reconnaissance, surveillance and target detection/identification for Naval Special Warfare (NSW), USN and other coalition forces; providing tactical commanders with Reconnaissance, Surveillance, Target Acquisition (RSTA), Battle Damage Assessment (BDA), and battlefield capabilities. Scan Eagle is not a program of record.

A Scan Eagle system consists of twelve (12) air vehicles, Ground Control Station(s) GCSs and associated launch and recovery equipment.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft					<b>P-1 Line Item Number / Title:</b> 0444 / STUASLO			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b> 0305234N, 0305239M		
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / RQ-21A Blackjack	P-5, P-5a, P-21		60 / 28.200	- / -	3 / 55.000	- / 3.450	3 / 55.000	3 / 58.450
<b>Total Gross/Weapon System Cost</b>			<b>60 / 28.200</b>	<b>- / -</b>	<b>3 / 55.000</b>	<b>- / 3.450</b>	<b>3 / 55.000</b>	<b>3 / 58.450</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.								
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.								
<p><b>Justification:</b>  FY2016 Base Appropriation Request: \$3.450M  FY2016 will procure one (1) RQ-21A Ship installation aboard Afloat Forward Staging Base (AFSB) Mobile Landing Platform (MLP)-3.</p> <p>OCO:  FY2015 Overseas Contingency Operations (OCO) request: \$55.000M, in support of Operation Inherent Resolve (OIR).  FY2015 OCO funding is required to procure three (3) RQ-21A systems with associated ancillary equipment, and interim contractor support (ICS) for use in OIR against the Islamic State of Iraq and Levant (ISIL).</p> <p>FY2016 Overseas Contingency Operations (OCO) request: \$55.000M, for operations against the Islamic State of Iraq and Levant (ISIL) under Operation Inherent Resolve (OIR).  FY2016 OCO funding is required to procure three (3) RQ-21A systems with associated ancillary equipment, and interim contractor support (ICS) for use in OIR against the Islamic State of Iraq and Levant (ISIL).</p> <p>Inactive  Scan Eagle:  FY2011 OCO funds (\$28.2M) procured sixty (60) Scan Eagle Air Vehicles, Ground Control Stations, launch and recovery units, and associated support equipment.  * Scan Eagle systems procured with FY2011 APN funds received via Prior Approval Reprogramming Action.</p>								

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1							P-1 Line Item Number / Title: 0444 / STUASLO						Item Number / Title [DODIC]: 1 / RQ-21A Blackjack								
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:											
Resource Summary				Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
Procurement Quantity ( <i>Units in Each</i> )				60			-			3			-			3			3		
Gross/Weapon System Cost ( <i>\$ in Millions</i> )				28.200			-			55.000			3.450			55.000			58.450		
Less PY Advance Procurement ( <i>\$ in Millions</i> )				-			-			-			-			-			-		
Net Procurement (P1) ( <i>\$ in Millions</i> )				28.200			-			55.000			3.450			55.000			58.450		
Plus CY Advance Procurement ( <i>\$ in Millions</i> )				-			-			-			-			-			-		
Total Obligation Authority ( <i>\$ in Millions</i> )				28.200			-			55.000			3.450			55.000			58.450		
(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>\$ in Dollars</i> )				470,000.00			-			18,333K			-			18,333K			19,483K		
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																					
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total					
	Unit Cost (\$)	Qty (Each)	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)			
Flyaway Cost																					
Recurring Cost																					
1.1.1) RQ-21A Systems <sup>(1)</sup>	-	-	-	-	-	-	11,422K	3	34.266	-	-	-	11,440K	3	34.320	11,440K	3	34.320			
1.1.2) Ancillary Equipment <sup>(2)</sup>	-	-	-	-	-	-	-	-	3.186	-	-	-	-	-	3.246	-	-	3.246			
1.1.3) Prior Year Scan Eagle Systems	5,640K	5	28.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Recurring Cost	-	-	28.200	-	-	-	-	-	37.452	-	-	-	-	-	37.566	-	-	37.566			
Non Recurring Cost																					
1.2.1) ICS <sup>(3)</sup>	-	-	-	-	-	-	-	-	15.594	-	-	-	-	-	14.986	-	-	14.986			
1.2.2) Ship Installation <sup>(4)</sup>	-	-	-	-	-	-	-	-	-	-	-	3.450	-	-	-	-	-	3.450			
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	15.594	-	-	3.450	-	-	14.986	-	-	18.436			
Subtotal: Flyaway Cost	-	-	28.200	-	-	-	-	-	53.046	-	-	3.450	-	-	52.552	-	-	56.002			
Support Cost																					
2.1) Prod Eng Supt	-	-	-	-	-	-	-	-	1.020	-	-	-	-	-	1.450	-	-	1.450			
2.2) Other ILS	-	-	-	-	-	-	-	-	0.934	-	-	-	-	-	0.998	-	-	0.998			
Subtotal: Support Cost	-	-	-	-	-	-	-	-	1.954	-	-	-	-	-	2.448	-	-	2.448			
Gross/Weapon System Cost	470,000.00	60	28.200	-	-	-	18,333K	3	55.000	-	-	3.450	18,333K	3	55.000	19,483K	3	58.450			

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<b>Exhibit P-5, Cost Analysis:</b> PB 2016 Navy		<b>Date:</b> February 2015
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1	<b>P-1 Line Item Number / Title:</b> 0444 / STUASLO	<b>Item Number / Title [DODIC]:</b> 1 / RQ-21A Blackjack
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :		<b>MDAP/MAIS Code:</b>
<p>(†) indicates the presence of a P-5a</p> <p><b>Footnotes:</b></p> <p>(1) An RQ-21A system consists of five air vehicles, two ground control stations, multi-mission (plug and play) payloads, one launcher and recovery system, and peculiar support equipment. Air Vehicles (AV) are procured with an Electro Optical / Infrared Turret. Additional payloads are carried within the payload bay and include a communications relay package and automated identification system. Launch and recovery systems are procured with associated peculiar support equipment. Peculiar support equipment includes the AV fueling system, AV starter, battery charging station, transportation assemblies, cooling systems, shore power assemblies, AV scale system, and associated cabling. RQ-21A system unit costs reflect the fully burdened cost of a system.</p> <p>(2) Ancillary equipment includes all program procured equipment to support a Navy RQ-21A system. This equipment may include, but is not limited to: 35kw generators, 2kw generators, the Mission Training Device, Tactical Intelligence, Surveillance and Reconnaissance Processing Exploitation and Dissemination System (TIPS), Wireless Communication System, Wave Relay communications equipment, Defense Advanced GPS Receivers (DAGR), shelters, and PRC-117G/PRC-152A Radios.</p> <p>(3) RQ-21 utilizes an Interim Contractor Support (ICS) strategy to sustain RQ-21A systems prior to Material Support Date (MSD) in accordance with Financial Management Regulations. ICS is funded within procurement appropriation prior to MSD. ICS includes logistics support for existing and newly procured RQ-21A systems and funds prime contractor logistics support, field service representatives, repair of repairables, and mobile training teams. ICS transitions to organic support in FY18 after which logistics support for fielded systems will be funded with Operations and Maintenance, Navy (O&amp;M,N) funding.</p> <p>(4) Ship Installation includes the procurement of infrastructure hardware, equipment, and labor costs associated with actual amphibious ship class installations in support of the RQ-21A program. Ship hardware includes directional and omni-directional antennas and amplifiers, antenna interface modules (AIMs), monitors, cross domain solution (TIPs), power distribution panels, associated cables, fiber optics lines, operational system racks and cabinets and connectors. Labor associated with ship installation includes the contracted Alteration Installation Team (AIT) conducting the installation and Original Equipment Manufacturer(OEM) post installation system integration test support. The program intends to complete one ship install in FY16, planned for the Afloat Forward Staging Base (AFSB) Mobile Landing Platform (MLP) - 3. In FY18, the program plans to conduct one ship install onboard the AFSB MLP-4. FY16 includes non-recurring engineering (NRE) including the planning yard ship check and ship installation drawings (SIDs) delivery. This NRE is not required for further ship installations onboard AFSB MLP class ships.</p>		

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<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Navy								<b>Date:</b> February 2015				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N / 04 / 1			<b>P-1 Line Item Number / Title:</b> 0444 / STUASLO					<b>Item Number / Title [DODIC]:</b> 1 / RQ-21A Blackjack				
<b>Cost Elements</b>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revision Available</b>	<b>RFP Issue Date</b>
1.1.1) RQ-21A Systems <sup>(†)</sup>	✓	2015	Insitu, Inc. / Bingen, WA	C / FPIF	NAVAIR HQ, Patuxent River, MD	Apr 2015	Feb 2016	3	11,422K	Y		
1.1.1) RQ-21A Systems <sup>(†)</sup>	✓	2016	Insitu, Inc. / Bingen, WA	C / FPIF	NAVAIR HQ, Patuxent River, MD	Feb 2016	Dec 2016	3	11,440K	Y		

<sup>(†)</sup> indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015										
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0444 / STUASLO													Item Number / Title [DODIC]: 1 / RQ-21A Blackjack										
Cost Elements (Units in Each)							Fiscal Year 2015													Fiscal Year 2016													
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015													Calendar Year 2016													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
1.1.1) RQ-21A Systems <sup>(1)</sup>																																	
✓	1	2015	NAVY	3	-	3							A -	-	-	-	-	-	-	-	-	-	-	1	1	1						-	
✓	1	2016	NAVY	3	-	3																	A -	-	-	-	-	-	-	-	-	3	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2016 Navy																				Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1										P-1 Line Item Number / Title: 0444 / STUASLO										Item Number / Title [DODIC]: 1 / RQ-21A Blackjack												
Cost Elements (Units in Each)							Fiscal Year 2017										Fiscal Year 2018															
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017										Calendar Year 2018															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
1.1.1) RQ-21A Systems <sup>(1)</sup>																																
✓	1	2015	NAVY	3	3	-																										-
✓	1	2016	NAVY	3	-	3	-	-	1	1	1																					-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1					P-1 Line Item Number / Title: 0444 / STUASLO				Item Number / Title [DODIC]: 1 / RQ-21A Blackjack			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Insitu, Inc. - Bingen, WA	6	8	12	-	6	10	16	-	4	10	14

"A" in the Delivery Schedule indicates the Contract Award Date.  
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	<b>P-1 Line Item Number / Title:</b> 0465 / Other Support Aircraft
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ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	4	1	-	-	-	-	-	-	-	-	5	10
Gross/Weapon System Cost <i>(\$ in Millions)</i>	39.867	14.958	-	-	-	-	-	-	-	-	77.732	132.557
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	39.867	14.958	-	-	-	-	-	-	-	-	77.732	132.557
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	39.867	14.958	-	-	-	-	-	-	-	-	77.732	132.557
<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>	-	2.152	-	-	-	-	-	-	-	-	-	2.152
Flyaway Unit Cost <i>(\$ in Thousands)</i>	8,507.250	13,770.000	-	-	-	-	-	-	-	-	14,561.800	12,060.800
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>	9,966.750	14,958.000	-	-	-	-	-	-	-	-	15,546.400	13,255.700

**Description:**

The U.S. Marine Corps (USMC) UC-12W Operational Support Airlift (Light) aircraft is an FAA type-certified modern commercial cargo/passenger transport aircraft that will replace the USMC UC-12B/F aircraft in performing Operational Support Airlift (OSA) missions. The OSA mission provides transportation for high priority passengers and cargo with time, place or mission sensitive requirements. The aircraft will be capable of operating out of short, unimproved airfields; carry a minimum of nine passengers or light cargo; or carry a combination of passengers and cargo. The aircraft will be delivered with the following military unique systems: Ultra High Frequency (UHF) radio, Tactical Air Navigation (TACAN) radio, Identification Friend or Foe/Selective Identification Feature (IFF/SIF), and Aircraft Survivability Equipment (ASE).

In prior years, in addition to the four aircraft shown above, two Other Support Aircraft (UC-12W) were procured for the USMC Reserves using FY07 & FY08 National Guard & Reserve Equipment (NGRE) funding. These aircraft and their associated costs are not reflected above.

The objective for the Other Support Aircraft (UC-12W) program is to replace all 12 USMC UC-12B/F aircraft.

Basis for FY 2014 Budget Request:

Funds provided to procure one USMC Reserves UC-12W aircraft.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2016 Navy						<b>Date:</b> February 2015	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft				<b>P-1 Line Item Number / Title:</b> 0465 / Other Support Aircraft			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b>	
<b>Exhibits Schedule</b>			<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>	<b>Quantity / Total Cost (Each) / (\$ M)</b>
1 / Other Support Aircraft	P-5, P-5a, P-21		4 / 39.867	1 / 14.958	- / -	- / -	- / -
<b>Total Gross/Weapon System Cost</b>			<b>4 / 39.867</b>	<b>1 / 14.958</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.							
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.							

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1						P-1 Line Item Number / Title: 0465 / Other Support Aircraft							Item Number / Title [DODIC]: 1 / Other Support Aircraft								
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:											
Resource Summary				Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
Procurement Quantity (Units in Each)				4			1			-			-			-			-		
Gross/Weapon System Cost (\$ in Millions)				39.867			14.958			-			-			-			-		
Less PY Advance Procurement (\$ in Millions)				-			-			-			-			-			-		
Net Procurement (P1) (\$ in Millions)				39.867			14.958			-			-			-			-		
Plus CY Advance Procurement (\$ in Millions)				-			-			-			-			-			-		
Total Obligation Authority (\$ in Millions)				39.867			14.958			-			-			-			-		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																					
Initial Spares (\$ in Millions)				-			2.152			-			-			-			-		
Gross/Weapon System Unit Cost (\$ in Thousands)				9,966.750			14,958.000			-			-			-			-		
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																					
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total					
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)			
Flyaway Cost																					
Recurring Cost																					
1.1.1) Airframe/CFE <sup>(†)</sup>	7,620.250	4	30.481	13,558.000	1	13.558	-	-	-	-	-	-	-	-	-	-	-	-			
1.1.2) CFE Electronics	-	-	0.273	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1.1.3) GFE Electronics	-	-	1.055	-	-	0.212	-	-	-	-	-	-	-	-	-	-	-	-			
1.1.6) Other GFE	-	-	0.070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Recurring Cost	-	-	31.879	-	-	13.770	-	-	-	-	-	-	-	-	-	-	-	-			
Non Recurring Cost																					
1.2.1) Non-Recur Cost	-	-	0.196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1.2.2) Ancillary Equip	-	-	1.954	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Non Recurring Cost	-	-	2.150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Flyaway Cost	-	-	34.029	-	-	13.770	-	-	-	-	-	-	-	-	-	-	-	-			
Support Cost																					
2.1) Airframe PGSE	-	-	0.913	-	-	0.367	-	-	-	-	-	-	-	-	-	-	-	-			
2.2) Engine PGSE	-	-	0.066	-	-	0.075	-	-	-	-	-	-	-	-	-	-	-	-			
2.3) Avionics PGSE	-	-	0.090	-	-	0.173	-	-	-	-	-	-	-	-	-	-	-	-			
2.4) Pec Trng Eq	-	-	-	-	-	0.063	-	-	-	-	-	-	-	-	-	-	-	-			
2.5) Pub/Tech Eq	-	-	-	-	-	0.053	-	-	-	-	-	-	-	-	-	-	-	-			
2.6) Prod Eng Supt	-	-	4.718	-	-	0.248	-	-	-	-	-	-	-	-	-	-	-	-			
2.7) Other ILS	-	-	0.051	-	-	0.209	-	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Support Cost	-	-	5.838	-	-	1.188	-	-	-	-	-	-	-	-	-	-	-	-			

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Exhibit P-5, Cost Analysis: PB 2016 Navy													Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1						P-1 Line Item Number / Title: 0465 / Other Support Aircraft							Item Number / Title [DODIC]: 1 / Other Support Aircraft					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.																		
Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Gross/Weapon System Cost	9,966.750	4	39.867	14,958.000	1	14.958	-	-	-	-	-	-	-	-	-	-	-	-

(t) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1				P-1 Line Item Number / Title: 0465 / Other Support Aircraft					Item Number / Title [DODIC]: 1 / Other Support Aircraft			
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE <sup>(†)</sup>		2014	HAWKER BEECHCRAFT CORPORATION / Wichita, KS	C / FFP	Wichita, KS	Feb 2015	Aug 2016	1	13,558.000	Y		

<sup>(†)</sup> indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2016 Navy																							Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1												P-1 Line Item Number / Title: 0465 / Other Support Aircraft												Item Number / Title [DODIC]: 1 / Other Support Aircraft											
Cost Elements (Units in Each)						Fiscal Year 2015														Fiscal Year 2016															
						Calendar Year 2015														Calendar Year 2016															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCE PT PRI OR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				
1.1.1) Airframe/CFE																																			
Prior Years Deliveries: 4																																			
	1	2014	NAVY		1	-	1					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Production Schedule: PB 2016 Navy									Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1					P-1 Line Item Number / Title: 0465 / Other Support Aircraft				Item Number / Title [DODIC]: 1 / Other Support Aircraft			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR For 2016	1-8-5 For 2016	MAX For 2016	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	HAWKER BEECHCRAFT CORPORATION - Wichita, KS	-	-	-	-	10	18	28	-	10	18	28

"A" in the Delivery Schedule indicates the Contract Award Date.  
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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