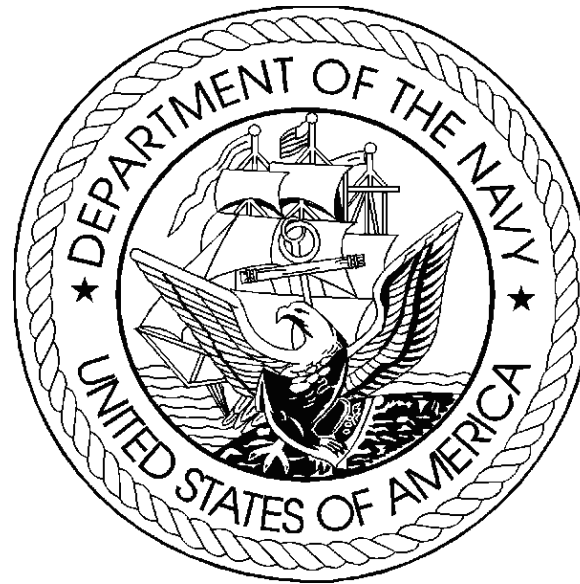


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**Department of Defense
Fiscal Year (FY) 2015 Budget Estimates**

March 2014



Navy

Justification Book Volume 3

Aircraft Procurement, Navy

Budget Activity 07

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Department of Defense Appropriations Act, 2015

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, \$13,074,317,000, to remain available for obligation until September 30, 2017.

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Department of the Navy
 FY 2015 President's Budget
 Exhibit P-1 FY 2015 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

20 Feb 2014

Appropriation -----	FY 2013 (Base & OCO) -----	FY 2014 Base Enacted -----	FY 2014 OCO Enacted -----	FY 2014 Total Enacted -----	FY 2015 Base -----
Aircraft Procurement, Navy	16,652,615	16,442,794	211,176	16,653,970	13,074,317
Total Department of the Navy	16,652,615	16,442,794	211,176	16,653,970	13,074,317

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Department of the Navy
 FY 2015 President's Budget
 Exhibit P-1 FY 2015 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

20 Feb 2014

Appropriation: Aircraft Procurement, Navy

Budget Activity -----	FY 2013 (Base & OCO) -----	FY 2014 Base Enacted -----	FY 2014 OCO Enacted -----	FY 2014 Total Enacted -----	FY 2015 Base -----
01. Combat Aircraft	12,561,242	12,321,903		12,321,903	8,768,693
02. Airlift Aircraft	74,569				
03. Trainer Aircraft	230,403	249,080		249,080	
04. Other Aircraft	387,931	177,284	13,100	190,384	170,398
05. Modification of Aircraft	1,892,020	2,261,773	173,300	2,435,073	2,374,201
06. Aircraft Spares and Repair Parts	1,050,063	965,238	24,776	990,014	1,229,651
07. Aircraft Support Equip & Facilities	456,387	467,516		467,516	531,374
Total Aircraft Procurement, Navy	16,652,615	16,442,794	211,176	16,653,970	13,074,317

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Department of the Navy
FY 2015 President's Budget
Exhibit P-1 FY 2015 President's Budget
Total Obligational Authority
(Dollars in Thousands)

20 Feb 2014

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
Budget Activity 01: Combat Aircraft								

Combat Aircraft								
1	EA-18G	B	12 (967,725)	21 (1,915,365)		21 (1,915,365)	(43,547)	U
	Less: Advance Procurement (PY)		(-28,002)	(-44,941)		(-44,941)		U
			-----	-----	-----	-----	-----	
			939,723	1,870,424		1,870,424	43,547	
2	EA-18G							
	Advance Procurement (CY)		44,941					U
3	F/A-18E/F (Fighter) Hornet	A	37 (2,609,504)	(198,228)		(198,228)	(75,000)	U
	Less: Advance Procurement (PY)		(-58,346)	(-23,677)		(-23,677)	(-75,000)	U
			-----	-----	-----	-----	-----	
			2,551,158	174,551		174,551		
4	F/A-18E/F (Fighter) Hornet							
	Advance Procurement (CY)		23,677	75,000		75,000		U
5	Joint Strike Fighter CV	A	4 (917,052)	4 (1,059,114)		4 (1,059,114)	2 (689,668)	U
	Less: Advance Procurement (PY)		(-109,052)	(-30,699)		(-30,699)	(-79,016)	U
			-----	-----	-----	-----	-----	
			808,000	1,028,415		1,028,415	610,652	
6	Joint Strike Fighter CV							
	Advance Procurement (CY)		30,699	79,016		79,016	29,400	U
7	JSF STOVL		6 (1,211,635)	6 (1,274,559)		6 (1,274,559)	6 (1,303,605)	U
	Less: Advance Procurement (PY)		(-117,214)	(-98,061)		(-98,061)	(-103,195)	U
			-----	-----	-----	-----	-----	
			1,094,421	1,176,498		1,176,498	1,200,410	
8	JSF STOVL							
	Advance Procurement (CY)		98,061	103,195		103,195	143,885	U

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Department of the Navy
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Total Obligational Authority
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20 Feb 2014

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
9	V-22 (Medium Lift)		18 (1,404,292)	19 (1,435,731)		19 (1,435,731)	19 (1,546,359)	U
	Less: Advance Procurement (PY)		(-62,020)	(-97,758)		(-97,758)	(-59,359)	U
			1,342,272	1,337,973		1,337,973	1,487,000	
10	V-22 (Medium Lift)							
	Advance Procurement (CY)		144,008	53,113		53,113	45,920	U
11	H-1 Upgrades (UH-1Y/AH-1Z)	A	30 (819,037)	21 (668,945)		21 (668,945)	26 (838,757)	U
	Less: Advance Procurement (PY)		(-56,750)	(-64,311)		(-64,311)	(-60,000)	U
			762,287	604,634		604,634	778,757	
12	H-1 Upgrades (UH-1Y/AH-1Z)							
	Advance Procurement (CY)		64,311	60,000		60,000	80,926	U
13	MH-60S (MYP)	A	18 (436,188)	18 (432,946)		18 (432,946)	8 (246,095)	U
	Less: Advance Procurement (PY)		(-68,805)	(-68,025)		(-68,025)	(-35,886)	U
			367,383	364,921		364,921	210,209	
14	MH-60S (MYP)							
	Advance Procurement (CY)		64,183	30,790		30,790		U
15	MH-60R (MYP)	A	19 (684,418)	19 (704,329)		19 (704,329)	29 (1,131,712)	U
	Less: Advance Procurement (PY)		(-101,274)	(-137,496)		(-137,496)	(-197,830)	U
			583,144	566,833		566,833	933,882	
16	MH-60R (MYP)							
	Advance Procurement (CY)		159,330	212,820		212,820	106,686	U
17	P-8A Poseidon	A	13 (2,529,396)	16 (3,347,044)		16 (3,347,044)	8 (2,166,487)	U
	Less: Advance Procurement (PY)		(-244,894)	(-300,679)		(-300,679)	(-163,160)	U
			2,284,502	3,046,365		3,046,365	2,003,327	
18	P-8A Poseidon							
	Advance Procurement (CY)		300,679	313,160		313,160	48,457	U

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Department of the Navy
FY 2015 President's Budget
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Total Obligational Authority
(Dollars in Thousands)

20 Feb 2014

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
19	E-2D Adv Hawkeye	A	5 (933,389)	5 (1,083,588)		5 (1,083,588)	4 (945,370)	U
	Less: Advance Procurement (PY)		(-157,942)	(-123,016)		(-123,016)	(-125,500)	U
			775,447	960,572		960,572	819,870	
20	E-2D Adv Hawkeye							
	Advance Procurement (CY)		123,016	263,623		263,623	225,765	U
Total	Combat Aircraft		12,561,242	12,321,903		12,321,903	8,768,693	
Budget Activity 02: Airlift Aircraft								
Airlift Aircraft								
21	C-40A	A	1 74,569					U
Total	Airlift Aircraft		74,569					
Budget Activity 03: Trainer Aircraft								
Trainer Aircraft								
22	JPATS	A	33 230,403	29 249,080		29 249,080		U
Total	Trainer Aircraft		230,403	249,080		249,080		
Budget Activity 04: Other Aircraft								
Other Aircraft								
23	KC-130J	A	3 (209,100)	1 (79,673)		1 (79,673)	1 (106,905)	U
	Less: Advance Procurement (PY)			(-10,615)		(-10,615)	(-14,615)	U
			209,100	69,058		69,058	92,290	
24	KC-130J							
	Advance Procurement (CY)		21,230	32,288		32,288		U

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

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
25	MQ-4 TRITON	A		(47,200)		(47,200)		U
	Less: Advance Procurement (PY)			(-47,200)		(-47,200)		U
26	MQ-4 TRITON							
	Advance Procurement (CY)		47,200				37,445	U
27	MQ-8 UAV	B	5 110,401	1 60,980	1 13,100	2 74,080	40,663	U
28	Other Support Aircraft			1 14,958		1 14,958		U
Total	Other Aircraft		387,931	177,284	13,100	190,384	170,398	

Budget Activity 05: Modification of Aircraft

Modification of Aircraft

29	EA-6 Series	A	25,288	17,477		17,477	10,993	U
30	AEA Systems		42,310	44,802		44,802	34,768	U
31	AV-8 Series	A	74,933	39,229	57,652	96,881	65,472	U
32	Adversary	A	3,959	2,992		2,992	8,418	U
33	F-18 Series	A	629,206	725,912	35,500	761,412	679,177	U
34	H-46 Series	A	2,274	2,127		2,127	480	U
35	AH-1W Series	A	6,645					U
36	H-53 Series	A	34,736	60,581		60,581	38,159	U
37	SH-60 Series	A	94,311	121,018		121,018	108,850	U
38	H-1 Series	A	6,208	41,706		41,706	45,033	U
39	EP-3 Series	A	76,420	71,347	2,700	74,047	32,890	U
40	P-3 Series	A	114,475	36,788		36,788	2,823	U

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

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
41	E-2 Series	A	16,234	26,233		26,233	21,208	U
42	Trainer A/C Series	A	24,718	4,166		4,166	12,608	U
43	C-2A	A	4,571	902		902		U
44	C-130 Series	A	50,109	46,393		46,393	40,378	U
45	FEWSG	A	669	665		665	640	U
46	Cargo/Transport A/C Series	A	15,608	14,587		14,587	4,635	U
47	E-6 Series	A	140,159	157,549		157,549	212,876	U
48	Executive Helicopters Series	A	41,610	80,537		80,537	71,328	U
49	Special Project Aircraft	A	14,072	13,684	3,375	17,059	21,317	U
50	T-45 Series	A	45,354	93,128		93,128	90,052	U
51	Power Plant Changes	A	14,630	22,999		22,999	19,094	U
52	JPATS Series	A	1,550	1,576		1,576	1,085	U
53	Aviation Life Support Mods	A	2,347	6,267		6,267		U
54	Common ECM Equipment	A	106,512	128,893	49,183	178,076	155,644	U
55	Common Avionics Changes	A	92,461	115,683	4,190	119,873	157,531	U
56	Common Defensive Weapon System	A		3,554		3,554	1,958	U
57	ID Systems	A	35,386	38,303		38,303	38,880	U
58	P-8 Series		4,895	9,485		9,485	29,797	U
59	MAGTF EW for Aviation	A	34,407	13,431	20,700	34,131	14,770	U
60	MQ-8 Series						8,741	U
61	RQ-7 Series		47,102	22,117		22,117	2,542	U

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Department of the Navy
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Total Obligational Authority
(Dollars in Thousands)

20 Feb 2014

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
62	V-22 (Tilt/Rotor ACFT) Osprey	B	88,861	156,534		156,534	135,584	U
63	F-35 STOVL Series	A		111,158		111,158	285,968	U
64	F-35 CV Series	A		29,950		29,950	20,502	U
Total Modification of Aircraft			1,892,020	2,261,773	173,300	2,435,073	2,374,201	
Budget Activity 06: Aircraft Spares and Repair Parts								
Aircraft Spares and Repair Parts								
65	Spares and Repair Parts	A	1,050,063	965,238	24,776	990,014	1,229,651	U
Total Aircraft Spares and Repair Parts			1,050,063	965,238	24,776	990,014	1,229,651	
Budget Activity 07: Aircraft Support Equip & Facilities								
Aircraft Support Equip & Facilities								
66	Common Ground Equipment	A	354,896	346,987		346,987	418,355	U
67	Aircraft Industrial Facilities	A	19,676	24,250		24,250	23,843	U
68	War Consumables	A	43,326	28,930		28,930	15,939	U
69	Other Production Charges	A	3,492	5,268		5,268	5,630	U
70	Special Support Equipment	A	32,231	60,306		60,306	65,839	U
71	First Destination Transportation	A	1,597	1,775		1,775	1,768	U
72	Cancelled Account Adjustments	A	1,169					U
Total Aircraft Support Equip & Facilities			456,387	467,516		467,516	531,374	
Total Aircraft Procurement, Navy			16,652,615	16,442,794	211,176	16,653,970	13,074,317	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities							P-1 Line Item Number / Title: 0705 / Common Ground Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : B			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,484.114	354.896	346.987	418.355	-	418.355	412.397	423.831	428.185	433.899	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,484.114	354.896	346.987	418.355	-	418.355	412.397	423.831	428.185	433.899	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,484.114	354.896	346.987	418.355	-	418.355	412.397	423.831	428.185	433.899	Continuing	Continuing
<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 Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: The Common Ground Equipment line funds procurement of Automatic Test Equipment (ATE), various aircraft systems trainers and training aids, the Consolidated Automated Support System Family of Testers (CASS FOT), support equipment for the Rapid Deployment Force, mobile maintenance facilities for Marine expeditionary forces, and other aircraft ground support equipment that is either peculiar to out-of-production aircraft or common in applicability to more than one aircraft. The requiring managers responsible for these procurements and the funds presently assigned to them are as follows: Ground Support Equipment, Mobile Maint Facilities, General Skills Training, Topscene, and Other Flight Training. [P40A / AUTOMATIC TEST EQUIPMENT]: GENERAL PROGRAM DESCRIPTION: This sub-line provides for the transition of current Automatic Test Equipment (ATE) Test Program Sets (TPSs) to AN/USM-636(V) and AN/USM-702 Consolidated Automated Support System (CASS) and AN/USM-730 electronic Consolidated Automated Support System (eCASS) and the acquisition, modification and associated test routines of common ATE to meet fleet operational requirements identified in the fleet concurred Common Support Equipment Operational Requirements List. TEST PROGRAM SETS (TPSs) TRANSITION TO CASS, RTCASS AND eCASS TPSs are support equipment that consist of hardware, software, and documentation required to automatically fault isolate defective weapon system components. These TPSs are also capable of detecting defective sub-components of the weapon system component and capable of Ready for Issuing (RFI) the weapon system component. Existing ATE that can no longer be economically supported will be offloaded to CASS and migrated to RTCASS and eCASS based on fleet priorities. This budget requests funds for the procurement of TPSs to offload support from existing obsolete ATE to CASS, RTCASS, and eCASS, as well as support of GFE requirements including Units Under Test (UUT) and CASS Family of Tester (FOT) stations at CASS FOT TPS Test Integration Facilities. COMMON ATE ACQUISITION, MODIFICATION AND TEST ROUTINES System acquisition and modification is necessary to replace obsolete and unsupportable equipment, support current technology, incorporate necessary reliability and maintainability improvements, and correct Fleet reported problems as a result of Engineering Investigations/Quality Deficiency Reports for out-of-production common ATE. Without these modifications replacement parts will not be available and common ATE will not remain operational. FY15 provides funding to procure multiple weapon system Operational Test Program Sets (OTPS) and the migration of these OTPS to eCASS. In addition, procures common ATE and their associated test routines supporting multiple weapons systems.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities		P-1 Line Item Number / Title: 0705 / Common Ground Equipment
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
[P40A - 2 / A/C COMMON SUPPORT EQUIPMENT]: General Program Description: This budget sub-line provides for the acquisition of Support Equipment (SE) end items under the inventory and technical management of NAVAIR. These SE end items are required for ground testing handling, and maintenance of aircraft and their systems. Examples of SE items acquired under this budget line item include aircraft propulsion test systems, mobile air conditioners and generators and aircraft handling equipment. Also included are common avionics support equipment (ASE) items which are too complex technically to be transitioned to the inventory control point for acquisition. The ASE included is managed by NAVAIR and supported through the Navy Inventory Control Point. FY15 provides funding to procure: Vibration Analyzer, Next Generation Software Loader, Hydraulic Test Stand I-Level, Air Conditioner Ship Shore, Shipboard Tractor, Large Capacity MEPP, Small Capacity MEPP (Shipboard), CRALTS Replacement (CAATS), AECTS Replacement/Modification and associated support cost. [P40A - 3 / ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT]: General Program Description: This budget sub-line funds the procurement of end items of Peculiar Support Equipment (PSE) for out-of-production weapon systems, and Common Support Equipment (CSE) under the budget, procurement, and inventory control of the Naval Inventory Control Point (NAVICP). PSE and CSE end items are normally introduced into the fleet through NAVAIR development and initial procurement. When design is stabilized and procurement packages are available, these items then migrate to NAVICP management, and are funded under this sub-line. NAVICP currently manages over 11,000 individual repairable SE end items. This subline also funds initial outfitting of new construction ships. This sub-line also provides for the replacement of certain in-use PSE that are now marginally effective, due to obsolescence, or to the unavailability of associated logistics support. As a consequence, a logistically supportable replacement item must be designed and produced. This budget sub-line provides replacement of PSE support for out-of-production aircraft requirements only. In addition, this sub-line provides for the completion of the design and production of: (1) certain PSE items that were not funded during the production phase of the weapon system, and (2) modifications to out-of-production aircraft PSE to extend its useful service life. [P40A - 4 / CONSOLIDATED AUTOMATED SUPPORT SYSTEM]: Program Coverage: The electronic Consolidated Automated Support System (eCASS) program is chartered to replace CASS MainFrame (MF) test stations in the Navy's inventory. CASS, RTCASS, and eCASS continue to replace 30+ different types of computer-based Automatic Test Equipment (ATE) with a single modern family of testers (FOT), which are cost effective COTS/NDI-based ATE systems designated as the Navy's Standard Family of ATE. There are five Mission Equipment Kits (MEKs) used with eCASS, which support the entire spectrum of electronics testing requirements from direct current to light: Hybrid [tests digital and analog], Radio Frequency (RF) [tests radars and electronic warfare systems], Electro-Optics (EO3) [tests FLIRs and LASERs], High Power [high energy radar systems], and Depot. The five MEKs used with eCASS replace the existing five configurations of CASS. Reconfigurable Transportable (RTCASS) [a man-transportable version of RF CASS] is used for USMC forward deployed expeditionary maintenance. The CASS FOT supports intermediate and depot level repair of aircraft, ship, submarine and other weapon system electronics. The CASS FOT performs fault detection and diagnostic testing of almost 3,000 different "black boxes" and associated circuit cards from F/A-18A/B/C/D/E/F, T-45, AV-8B, EA-6B, H-60, H-3, E-2, C-2, and V-22 as well as several NAVSEA/SPAWAR weapon systems. electronic CASS (eCASS), which is designated an ACAT IVM program, replaces legacy CASS stations and is scheduled to begin full-rate production in the 4th quarter FY15. Justification: CASS FOT replaces older, legacy ATE systems that have become obsolete (parts are no longer available) and too expensive to maintain. CASS FOT reduces afloat CVN ATE manning from 104 to 54 billets and reduces the size of the AVCAL (spare parts) from 30,000 to 3,500. CASS FOT also reduces technician Naval Enlisted Classifications (NECs) types, along with their training courses, from 32 to only 5. Each CVN will deploy with 14 eCASS stations and each LHD/LHA will deploy with two (2) stations. CASS FOT is utilized at intermediate and depot level maintenance facilities afloat and ashore to include Marine Aviation Logistics Squadrons (MALs), and Navy Fleet Readiness Centers (FRCs). RTCASS supports USMC V-22 and fixed wing aircraft. Current and budget year requirements are needed for CASS FOT support of new and transitioning weapon systems. New Requirements: F/A-18E/F/G (multiple), P-8 (multiple), E-2C/D (multiple), MIDS (multiple), V-22, ATFLIR (F/A-18), MH-60R/S (multiple systems), UH-1Y and AH-1Z, EGI (multiple aircraft). Transitioning Legacy Testers: 30 legacy automatic testers that support Navy and USMC tactical aircraft. In addition to production costs for the newest member of the CASS FOT (eCASS), program costs include: (1) incorporation of ECPs to permit systematic insertion of new technology to meet requirements of new weapon system avionics, (2) incorporation of test technologies required to offload Test Program Sets (TPSs) from legacy ATE, (3) efforts to ameliorate obsolescence and improve system reliability, maintainability and supportability, (4) rehosting existing TPSs to leverage increased capabilities of new software technology, (5) providing support of CASS FOT installations at fleet sites afloat and ashore, (6) maintaining items		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities		P-1 Line Item Number / Title: 0705 / Common Ground Equipment
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
contractually required to be provided to contractors as Government Furnished Equipment, (7) maintaining supporting equipment used at CASS FOT laboratory and testing facilities, and (8) providing ancillary equipment necessary for functionality of CASS FOT.		
FY15 provides funding to procure (30) eCASS systems and associated ancillary equipment.		
[P40A - 5 / MOBILE MAINTENANCE FACILITIES]: Program Description: The Mobile Maintenance Facility (MMF) Program provides the overarching management construct to ensure configuration management and life cycle logistics for the Fleet MMF inventory. The program provides engineering design solutions, production efforts and life cycle logistics in support of Navy and Marine Corps logistics requirements. The primary component is the MMF, a 20'x8'x8' tactical shelter that meets structural and dimensional requirements of the International Organization for Standardization (ISO), the American National Standards Institute (ANSI), and the American Society for Testing and Material (ASTM). Designed for a 20-year service life, MMF's are heated and cooled by Environmental Control Units, which the program procures and logistically supports. In tactical environments, electrical power required to support MMF complexes is provided by DOD standard generator sets. The Naval Air Systems Command (NAVAIR) acts as the Primary Inventory Control Activity (PICA) for multi-service procurement of NAVAIR MMFs and related ancillary equipment. Program Coverage: MMF's are an Air Combat Element (ACE) Aviation Logistics (AVLOG) integration enabler, which make the Marine Air Ground Task Force (MAGTF) more responsive, agile, flexible and lethal via support and sustain operations in austere expeditionary environments. This supports the Naval Air Enterprise (NAE) Strategic Plan, Marine Corps Vision & Strategy 2025, and the USMC Long War Concept. MMFs provide containerized aviation logistics support to the operational commander that can be rapidly deployed by all transportation modes to any location in the world. Operationally, MMFs provide the Navy and Marine Corps with a quick response stand-alone capability to meet worldwide operational commitments. Economically, MMFs reduce the need for MILCON and allow for world wide transportability. Key Attributes: - Fully integrated and expeditionary logistics capability deployable via ship, airlift or truck. Operationally deployable aboard ship (TAVB) - Provides an effective, reliable and affordable self-contained aircraft maintenance capability (avionics, airframes, et. al.) - Provides for supply support functions (work space, parts storage & parts transport) Justification: Investment in the MMF Program ensures a fully deployable logistics capability that can be deployed in a building block fashion across the battle space in support of aircraft maintenance and supply support operations. The Program of Record inventory objective is 3515 MMFs. This objective is based on the Marine Corps Table of Basic Allowance (TBA) and Weapon System Planning Documents (WSPD), which find their roots in the various operational plans supporting the National Defense Strategy. Current active inventory is 3184 MMFs. [P40A - 6 / GENERAL SKILLS TRAINING]: General Skill Training provides for the procurement of aviation training systems, including training devices and associated courseware, which are not associated with a specific aircraft platform. As required, includes modifications and updates to reflect changes in technology or operating environment. Justification of Major Programs: The 'A' School program's current focus is PC-Simulations to replace hardware training devices, curriculum content conversion to self-paced web delivered training, and Environmental Control Systems (ECS) trainers. The Maintenance Computer Based Training (MCBT) program's emphasis is on Fleet In-Service Training with its Aviation Maintenance Training Continuum System (AMTCS) Software Module (ASM) developed in support of training and readiness by integrating all training, training management tools, and associated infrastructure through an automated Learning Management System tool that tracks technical training across an individual's career. The Air Traffic Control (ATC) program provides the necessary simulated training for control tower operations, Carrier Air Traffic Control Center operations, Amphibious Air Traffic Control Center operations and advanced RADAR operations. The Landing Signal Officer (LSO) Program enables proficiency at visual aircraft recoveries while at sea, through the use of an aircraft carrier landing area trainer. The Aviation Physical & Water Survival Trainers (APWST) Program provides mission critical training systems and systems support for Navy and Marine Corps aircrew and selected DoD personnel. Mission Rehearsal Pre-Planned (TOPSCENE) funds are for pre-planned product improvements to TOPSCENE Mission Rehearsal Operational Training system software. Activities include integration of capabilities, systems engineering, quality assurance, production acceptance test and evaluation (post milestone 3), development, delivery of training program and fleet training. The Air Combat Training Continuum (ACTC) Program provides the framework for post-Fleet Replacement Squadron (FRS) tactical aircrew training. The mission of ACTC is to provide Fleet, Joint, and Allied Force Commanders with quality combat-ready Naval Aviators capable of effectively executing in all mission areas. The Air Combat Training System (ACTS) is a Training Management System (TMS) that operates in a secure environment, ashore, and afloat, to deliver training content to the aviator as well as track and report his/her progress through the ACTC curriculum. Common ASW produces airborne ASW training systems for officer and enlisted aircrew for all ASW platforms, teaching critical analysis skills using computer courseware, table top trainers and ONI analysis products.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities										P-1 Line Item Number / Title: 0705 / Common Ground Equipment										
ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items:						Other Related Program Elements:								
[P40A - 7 / TOPSCENE]: Program Description: TOPSCENE is a Windows based mission rehearsal application that provides tactical scene visualization views (out-the-window scene, 2D, 3D, tether, sensor views (IR, NVD), mission plans and threats).																				
[P40A - 8 / OTHER FLIGHT TRAINING]: Other Flight Training procures upgrades/modernization to operational trainers not driven by retrofit changes to aircraft driven by an Operational Safety and Improvement Program (OSIP) or forward-fit changes made during the production of the aircraft classified as an investment cost. Also, trainer procurements to replace obsolete/beyond capability of repair trainers if classified as an investment cost.																				
Justification of Major Programs: The Navy Aviation Simulation Master Plan (NASMP) provides for training system capability procurements and major upgrades to address Fleet (post-Fleet Readiness Squadron) training requirements to achieve an increase in Fleet Training and Readiness through enhanced training system fidelity and interoperability for distributed mission training. The Undergraduate Military Flight Officer (UMFO) Training program acquires high fidelity flight officer training systems. The Chief of Naval Aviation Training (CNATRA) program will procure Operational Flight Trainers (OFT) and visual system upgrades in support of T-44 training. The FA-18 program will focus on upgrading key simulator sub-systems including visual systems, databases, threat models and aerodynamic properties. E-6B will acquire Maintenance Panel Trainer and Mission Crew Courseware upgrades. EA-6B will focus on obsolescence upgrades to replace unsupportable components, technology modernization to provide the latest state of the art technology, and Safety of Flight upgrades. P-3 will provide a technical upgrade of the 2F179A Tactical Operations Readiness Trainer (TORT) and the 2F87 flight simulator to correct obsolescence issues. EP-3E will concentrate on simulator upgrades, increasing training and readiness capability of simulators, refreshing threat models and correcting obsolescence issues. E-2/C-2 will emphasize upgrades to existing devices to correct obsolescence issues. MH-53E will procure upgrades for the Operational Flight Trainer and the External Load and Mine Countermeasures Simulators. The HQMC Federation will invest in technological upgrades to the USMC KC-130, H-1, CH-53, V-22, AV-8B and the Presidential Helicopter training devices. The Aviation Distributed Virtual Training Environment (ADVTE) infrastructure will be installed at East/West coast USMC bases and training courseware and curriculum will be procured for transformational Marine Corps Aircraft.																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AUTOMATIC TEST EQUIPMENT	P-40a		-	-	267.367	-	-	22.715	-	-	26.121	-	-	28.689	-	-	-	-	-	28.689
A/C COMMON SUPPORT EQUIPMENT	P-40a		-	-	263.654	-	-	54.116	-	-	53.216	-	-	74.379	-	-	-	-	-	74.379
ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT	P-40a		-	-	60.356	-	-	34.673	-	-	23.262	-	-	24.649	-	-	-	-	-	24.649
CONSOLIDATED AUTOMATED SUPPORT SYSTEM	P-40a		-	-	510.523	-	-	93.063	-	-	89.662	-	-	80.908	-	-	-	-	-	80.908
MOBILE MAINTENANCE FACILITIES	P-40a		-	-	92.611	-	-	6.397	-	-	6.437	-	-	7.083	-	-	-	-	-	7.083
GENERAL SKILLS TRAINING	P-40a		-	-	36.787	-	-	9.334	-	-	3.612	-	-	13.645	-	-	-	-	-	13.645
TOPSCENE	P-40a		-	-	3.467	-	-	1.651	-	-	1.635	-	-	1.785	-	-	-	-	-	1.785
OTHER FLIGHT TRAINING	P-40a		-	-	249.349	-	-	132.947	-	-	143.042	-	-	187.217	-	-	-	-	-	187.217
Total Gross/Weapon System Cost			-	-	1,484.114	-	-	354.896	-	-	346.987	-	-	418.355	-	-	-	-	-	418.355

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities		P-1 Line Item Number / Title: 0705 / Common Ground Equipment
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
*For P-40as, Title represents the P40a Title.		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1						P-1 Line Item Number / Title: 0705 / Common Ground Equipment									Aggregated Items Title: AUTOMATIC TEST EQUIPMENT					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) Hardware																				
1.1) TPS Transition to CASS	A		-	-	179.707	-	-	16.279	-	-	18.239	-	-	21.395	-	-	-	-	-	21.395
Subtotal: 1) Hardware			-	-	179.707	-	-	16.279	-	-	18.239	-	-	21.395	-	-	-	-	-	21.395
2) Non-Recurring																				
2.1) TPS Transition to CASS	A		-	-	3.617	-	-	0.758	-	-	0.844	-	-	0.934	-	-	-	-	-	0.934
Subtotal: 2) Non-Recurring			-	-	3.617	-	-	0.758	-	-	0.844	-	-	0.934	-	-	-	-	-	0.934
3) ILS																				
3.1) TPS Transition to CASS	A		-	-	18.870	-	-	1.902	-	-	2.065	-	-	1.917	-	-	-	-	-	1.917
Subtotal: 3) ILS			-	-	18.870	-	-	1.902	-	-	2.065	-	-	1.917	-	-	-	-	-	1.917
4) Production Engineering																				
4.1) TPS Transition to CASS	A		-	-	65.173	-	-	3.776	-	-	4.973	-	-	4.443	-	-	-	-	-	4.443
Subtotal: 4) Production Engineering			-	-	65.173	-	-	3.776	-	-	4.973	-	-	4.443	-	-	-	-	-	4.443
Total			-	-	267.367	-	-	22.715	-	-	26.121	-	-	28.689	-	-	-	-	-	28.689

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1							P-1 Line Item Number / Title: 0705 / Common Ground Equipment								Aggregated Items Title: A/C COMMON SUPPORT EQUIPMENT					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) Hardware																				
1.1) Weapons Control - Cralts Replacement (CAATS)	B		150,000.00	5	0.750	-	-	-	-	-	-	140,000.00	50	7.000	-	-	-	140,000.00	50	7.000
1.2) Vibration - Vibration Analyzer	B		56,250.00	8	0.450	-	-	-	-	-	-	25,912.50	80	2.073	-	-	-	25,912.50	80	2.073
1.3) Corrosion - Agitated Solvents Parts Washer	A		11,183.91	87	0.973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) A/C Wiring - Optical Fiber Test Set	A		235,000.00	2	0.470	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CILOP	A		150,312.50	32	4.810	171,040.00	25	4.276	174,000.00	8	1.392	-	-	-	-	-	-	-	-	-
1.6) COMM/NAV I/D - TACAN I Level Test Set	A		54,807.34	109	5.974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) COMM/NAV I/D - R/F COMM/NAV Test Set	A		18,690.03	742	13.868	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) S/W Loader - Next Generation Software Loader	A		40,000.00	10	0.400	35,555.56	90	3.200	37,000.00	100	3.700	37,000.00	90	3.330	-	-	-	37,000.00	90	3.330
1.9) NDI - Digital Radiography ⁽¹⁾	A		74,173.33	75	5.563	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.10) NDI - Video Borescope	A		15,085.49	386	5.823	14,714.29	203	2.987	15,000.00	304	4.560	-	-	-	-	-	-	-	-	-
1.11) NDI - Borescope, Defect Measure	A		17,500.00	100	1.750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.12) Cryogenics - Portable Oxygen Regulator T/S (PORTS)	A		83,532.11	109	9.105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.13) Hydraulics - Hydraulic Test Stand I Level	B		400,000.00	3	1.200	-	-	-	283,600.00	10	2.836	134,538.46	13	1.749	-	-	-	134,538.46	13	1.749
1.14) Hydraulics - Particle Counter	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.15) Propulsion - Turbo Prop Engine Test Instrumentation (TPETI)	A		1,091K	11	12.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.16) Propulsion - Shaft Engine Test Instrumentation (SETI)	A		1,145K	22	25.186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1								P-1 Line Item Number / Title: 0705 / Common Ground Equipment							Aggregated Items Title: A/C COMMON SUPPORT EQUIPMENT					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1.17) Platform Support - Tow Tractor, Heavy	A		163,179.78	178	29.046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.18) Platform Support - Shipboard, Helo Handler	A		179,700.00	40	7.188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.19) Platform Support - Air Conditioner Ship Shore	B		170,000.00	8	1.360	-	-	-	-	-	-	116,222.22	99	11.506	-	-	-	116,222.22	99	11.506
1.20) Platform Support - Crane Wheel	A		339,014.49	69	23.392	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.21) Platform Support - SD2 Replacement	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.22) Platform Support - Shipboard, Tractor	A		111,480.77	52	5.797	117,619.72	71	8.351	-	-	-	123,000.00	51	6.273	-	-	-	123,000.00	51	6.273
1.23) Platform Support - Diesel/ Electric Air Conditioner	A		157,511.24	178	28.037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.24) Platform Support - CVN/L Class Ship Crash Crane	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.25) Electrical - Large Capacity MEPP	B		183,800.00	5	0.919	66,111.11	9	0.595	67,870.00	100	6.787	70,150.44	113	7.927	-	-	-	70,150.44	113	7.927
1.26) Electrical - Small Capacity MEPP (Shipboard)	B		-	-	-	-	-	-	-	-	-	130,000.00	5	0.650	-	-	-	130,000.00	5	0.650
1.27) Electrical - AECTS REPLACEMENT/ MODIFICATION	B		-	-	-	-	-	-	-	-	-	750,000.00	2	1.500	-	-	-	750,000.00	2	1.500
1.28) Electronic Warfare- JSECST Upgrade	B		-	-	-	-	-	-	50,000.00	4	0.200	-	-	-	-	-	-	-	-	-
1.29) Electronic Warfare - EW Signal Generator	B		57,071.43	14	0.799	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) Hardware			-	-	184.865	-	-	19.409	-	-	19.475	-	-	42.008	-	-	-	-	-	42.008
2) Non Recurring																				
2.1) Weapons Control	A		-	-	2.830	-	-	1.727	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Vibration	A		-	-	1.955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Corrosion	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1						P-1 Line Item Number / Title: 0705 / Common Ground Equipment										Aggregated Items Title: A/C COMMON SUPPORT EQUIPMENT				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
2.4) Aircraft Wiring	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Shipboard Fire Trucks	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) COMM/NAV I/D	A		-	-	0.692	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.7) Software Load	A		-	-	5.125	-	-	1.000	-	-	0.512	-	-	-	-	-	-	-	-	-
2.8) Non Destruct Inspection (NDI)	A		-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.9) Cryogenics	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.10) Hydraulics	A		-	-	1.771	-	-	-	-	-	1.300	-	-	-	-	-	-	-	-	-
2.11) Propulsion	A		-	-	2.664	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.12) Platform Support	A		-	-	1.393	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.13) Electrical	A		-	-	1.163	-	-	0.657	-	-	1.700	-	-	3.200	-	-	-	-	-	3.200
2.14) Electronic Warfare	A		-	-	-	-	-	-	-	-	0.859	-	-	-	-	-	-	-	-	-
<i>Subtotal: 2) Non Recurring</i>			-	-	17.610	-	-	3.384	-	-	4.371	-	-	3.200	-	-	-	-	-	3.200
3) ILS																				
3.1) Weapons Control	A		-	-	0.545	-	-	0.268	-	-	0.273	-	-	0.281	-	-	-	-	-	0.281
3.2) Vibration	A		-	-	0.310	-	-	0.095	-	-	0.097	-	-	0.099	-	-	-	-	-	0.099
3.3) Corrosion	A		-	-	0.124	-	-	0.211	-	-	0.062	-	-	0.064	-	-	-	-	-	0.064
3.4) Aircraft Wiring	A		-	-	0.268	-	-	0.133	-	-	0.135	-	-	0.138	-	-	-	-	-	0.138
3.5) Shipboard Fire Trucks	A		-	-	0.275	-	-	0.140	-	-	0.138	-	-	0.141	-	-	-	-	-	0.141
3.6) COMM/NAV I/D	A		-	-	0.258	-	-	0.585	-	-	0.289	-	-	0.259	-	-	-	-	-	0.259
3.7) Software Load	A		-	-	0.169	-	-	0.083	-	-	0.085	-	-	0.087	-	-	-	-	-	0.087
3.8) Non Destruct Inspection (NDI)	A		-	-	1.054	-	-	0.786	-	-	0.373	-	-	0.442	-	-	-	-	-	0.442
3.9) Cryogenics	A		-	-	0.470	-	-	0.232	-	-	0.204	-	-	0.192	-	-	-	-	-	0.192
3.10) Hydraulics	A		-	-	0.266	-	-	0.283	-	-	0.134	-	-	0.136	-	-	-	-	-	0.136
3.11) Propulsion	A		-	-	1.275	-	-	0.780	-	-	0.843	-	-	0.855	-	-	-	-	-	0.855
3.12) Platform Support	A		-	-	2.209	-	-	1.809	-	-	1.513	-	-	1.382	-	-	-	-	-	1.382
3.13) Electrical	A		-	-	0.950	-	-	0.649	-	-	0.829	-	-	0.835	-	-	-	-	-	0.835
3.14) Electronic Warfare	A		-	-	0.268	-	-	0.096	-	-	0.099	-	-	0.127	-	-	-	-	-	0.127
<i>Subtotal: 3) ILS</i>			-	-	8.441	-	-	6.150	-	-	5.074	-	-	5.038	-	-	-	-	-	5.038
4) Production Engineering Support																				
4.1) Weapons Control	A		-	-	2.831	-	-	1.415	-	-	1.345	-	-	1.449	-	-	-	-	-	1.449
4.2) Vibration	A		-	-	1.296	-	-	0.618	-	-	0.615	-	-	0.595	-	-	-	-	-	0.595

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1								P-1 Line Item Number / Title: 0705 / Common Ground Equipment								Aggregated Items Title: A/C COMMON SUPPORT EQUIPMENT			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
4.3) Corrosion	A		-	-	0.414	-	-	0.113	-	-	0.111	-	-	0.108	-	-	-	-	-	0.108
4.4) Aircraft Wiring	A		-	-	1.504	-	-	0.678	-	-	0.674	-	-	0.651	-	-	-	-	-	0.651
4.5) Shipboard Fire Trucks	A		-	-	1.905	-	-	1.109	-	-	0.963	-	-	0.982	-	-	-	-	-	0.982
4.6) COMM/NAV I/D	A		-	-	2.860	-	-	1.271	-	-	1.262	-	-	1.219	-	-	-	-	-	1.219
4.7) Software Load	A		-	-	1.498	-	-	0.773	-	-	0.767	-	-	0.741	-	-	-	-	-	0.741
4.8) Non Destruct Inspection (NDI)	A		-	-	3.627	-	-	1.669	-	-	1.490	-	-	1.506	-	-	-	-	-	1.506
4.9) Cryogenics	A		-	-	3.245	-	-	1.674	-	-	1.534	-	-	1.423	-	-	-	-	-	1.423
4.10) Hydraulics	A		-	-	2.111	-	-	0.952	-	-	0.947	-	-	0.913	-	-	-	-	-	0.913
4.11) Propulsion	A		-	-	6.291	-	-	3.305	-	-	3.180	-	-	3.149	-	-	-	-	-	3.149
4.12) Platform Support	A		-	-	7.705	-	-	3.844	-	-	3.800	-	-	3.737	-	-	-	-	-	3.737
4.13) Electrical	A		-	-	2.445	-	-	1.211	-	-	1.206	-	-	1.271	-	-	-	-	-	1.271
4.14) Electronic Warfare	A		-	-	3.085	-	-	1.233	-	-	1.135	-	-	1.306	-	-	-	-	-	1.306
<i>Subtotal: 4) Production Engineering Support</i>			-	-	40.817	-	-	19.865	-	-	19.029	-	-	19.050	-	-	-	-	-	19.050
5) Installations																				
5.1) Non FMP Installations	A		-	-	7.293	-	-	2.546	-	-	1.355	-	-	2.057	-	-	-	-	-	2.057
5.2) FMP Installations	A		-	-	4.628	-	-	2.762	-	-	3.912	-	-	3.026	-	-	-	-	-	3.026
<i>Subtotal: 5) Installations</i>			-	-	11.921	-	-	5.308	-	-	5.267	-	-	5.083	-	-	-	-	-	5.083
Total			-	-	263.654	-	-	54.116	-	-	53.216	-	-	74.379	-	-	-	-	-	74.379

Footnotes:

⁽¹⁾ Non-Destruct Inspection (NDI)

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1								P-1 Line Item Number / Title: 0705 / Common Ground Equipment							Aggregated Items Title: ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT				

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) Hardware																				
1.1) CSE Initial Outfitting ⁽²⁾	A		-	-	10.439	-	-	6.082	-	-	2.469	-	-	1.979	-	-	-	-	-	1.979
1.2) PSE Initial Outfitting ⁽³⁾	A		-	-	13.185	-	-	7.074	-	-	6.579	-	-	7.197	-	-	-	-	-	7.197
1.3) New Support Equipment ⁽⁴⁾	A		-	-	15.968	-	-	16.040	-	-	8.985	-	-	9.998	-	-	-	-	-	9.998
Subtotal: 1) Hardware			-	-	39.592	-	-	29.196	-	-	18.033	-	-	19.174	-	-	-	-	-	19.174
2) Production Engineering																				
2.1) CSE Initial Outfitting	A		-	-	0.418	-	-	0.285	-	-	0.220	-	-	0.229	-	-	-	-	-	0.229
2.2) PSE Initial Outfitting	A		-	-	1.386	-	-	0.787	-	-	0.729	-	-	0.759	-	-	-	-	-	0.759
2.3) New Support Equipment	A		-	-	8.305	-	-	4.405	-	-	4.280	-	-	4.487	-	-	-	-	-	4.487
Subtotal: 2) Production Engineering			-	-	10.109	-	-	5.477	-	-	5.229	-	-	5.475	-	-	-	-	-	5.475
3) OCO																				
3.1) Individual Material Readiness List (IMRL) OCO	A		-	-	10.655	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) OCO			-	-	10.655	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	60.356	-	-	34.673	-	-	23.262	-	-	24.649	-	-	-	-	-	24.649

Footnotes:

⁽²⁾ Additional CSE for initial outfitting of sites due to: (a) intro of weapon systems and (b) baseloading changes for existing weapon systems/subsystems

⁽³⁾ Additional PSE for initial outfitting of sites due to baseloading changed for out-of-production weapon systems and subsystems.

⁽⁴⁾ New SE Required for replacement of existing SE due to obsolescent and attrition.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1									P-1 Line Item Number / Title: 0705 / Common Ground Equipment							Aggregated Items Title: CONSOLIDATED AUTOMATED SUPPORT SYSTEM				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) Hardware																				
1.1) RT CASS	A		1,740K	149	259.280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) eCASS	A		-	-	-	2,500K	18	45.000	2,544K	18	45.800	2,180K	30	65.400	-	-	-	2,180K	30	65.400
Subtotal: 1) Hardware			-	-	259.280	-	-	45.000	-	-	45.800	-	-	65.400	-	-	-	-	-	65.400
2) ECP																				
2.1) RT CASS	A		-	-	84.781	-	-	12.611	-	-	10.960	-	-	-	-	-	-	-	-	-
2.2) eCASS	A		-	-	-	-	-	-	-	-	-	-	-	1.124	-	-	-	-	-	1.124
Subtotal: 2) ECP			-	-	84.781	-	-	12.611	-	-	10.960	-	-	1.124	-	-	-	-	-	1.124
3) ILS																				
3.1) RT CASS	A		-	-	32.637	-	-	6.467	-	-	5.816	-	-	-	-	-	-	-	-	-
3.2) eCASS	A		-	-	-	-	-	10.942	-	-	8.711	-	-	4.829	-	-	-	-	-	4.829
Subtotal: 3) ILS			-	-	32.637	-	-	17.409	-	-	14.527	-	-	4.829	-	-	-	-	-	4.829
4) Production Engineering																				
4.1) RT CASS	A		-	-	82.594	-	-	7.163	-	-	3.988	-	-	-	-	-	-	-	-	-
4.2) eCASS	A		-	-	-	-	-	7.200	-	-	6.847	-	-	4.400	-	-	-	-	-	4.400
Subtotal: 4) Production Engineering			-	-	82.594	-	-	14.363	-	-	10.835	-	-	4.400	-	-	-	-	-	4.400
5) Non FMP Installations																				
5.1) RT CASS	A		-	-	24.696	-	-	2.080	-	-	2.300	-	-	-	-	-	-	-	-	-
5.2) eCASS	A		-	-	-	-	-	-	-	-	1.800	-	-	2.038	-	-	-	-	-	2.038
Subtotal: 5) Non FMP Installations			-	-	24.696	-	-	2.080	-	-	4.100	-	-	2.038	-	-	-	-	-	2.038
6) FMP Installations																				
6.1) RT CASS	A		-	-	26.535	-	-	1.600	-	-	3.140	-	-	-	-	-	-	-	-	-
6.2) eCASS	A		-	-	-	-	-	-	-	-	0.300	-	-	3.117	-	-	-	-	-	3.117
Subtotal: 6) FMP Installations			-	-	26.535	-	-	1.600	-	-	3.440	-	-	3.117	-	-	-	-	-	3.117
Total			-	-	510.523	-	-	93.063	-	-	89.662	-	-	80.908	-	-	-	-	-	80.908

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1								P-1 Line Item Number / Title: 0705 / Common Ground Equipment								Aggregated Items Title: MOBILE MAINTENANCE FACILITIES				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) HARDWARE																				
1.1) New Cost Element			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) Mobile Facility Vans ⁽⁵⁾	A		244,554.46	101	24.700	48,100.00	30	1.443	55,000.00	25	1.375	50,394.74	38	1.915	-	-	-	50,394.74	38	1.915
1.3) Complex Decomplex Tool	A		-	-	0.702	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) Environmental Control Units ⁽⁶⁾	A		16,948.19	193	3.271	2,972.22	72	0.214	3,000.00	30	0.090	3,333.33	60	0.200	-	-	-	3,333.33	60	0.200
1.5) Frequency Converters	A		-	-	0.520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) Static Mobile Frequency Converters	A		125,000.00	17	2.125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) Tactical Quite Generator	A		-	-	28.473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) HARDWARE			-	-	59.791	-	-	1.657	-	-	1.465	-	-	2.115	-	-	-	-	-	2.115
2) ILS																				
2.1) Non-FMP Installations ⁽⁷⁾	A		-	-	12.911	-	-	1.809	-	-	1.477	-	-	1.299	-	-	-	-	-	1.299
Subtotal: 2) ILS			-	-	12.911	-	-	1.809	-	-	1.477	-	-	1.299	-	-	-	-	-	1.299
3) Production Engineering																				
3.1) Mobile Facility Vans	A		-	-	17.837	-	-	2.931	-	-	3.495	-	-	3.669	-	-	-	-	-	3.669
Subtotal: 3) Production Engineering			-	-	17.837	-	-	2.931	-	-	3.495	-	-	3.669	-	-	-	-	-	3.669
4) Miscellaneous Support																				
4.1) Publications	A		-	-	2.072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) Miscellaneous Support			-	-	2.072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	92.611	-	-	6.397	-	-	6.437	-	-	7.083	-	-	-	-	-	7.083

Footnotes:

⁽⁵⁾ FY14 and FY15 unit cost reduction due to contract re-compete. FY16 thru FY19 unit costs are increased and adjusted according to contract proposal.

⁽⁶⁾ FY14 Environmental Control Unit (ECU) quantity decrease due to higher than anticipated on-Hand ECU stock posture. Funds realigned to production support for initial outfitting of existing stock. FY15 Environmental Control Units (ECU) quantity increase is due to FY14 inductions.

⁽⁷⁾ FY15-19 funds realigned to Production Support to fill fleet shortages.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1							P-1 Line Item Number / Title: 0705 / Common Ground Equipment							Aggregated Items Title: GENERAL SKILLS TRAINING						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) Hardware																				
1.1) A School - AE Courseware CBT ⁽⁸⁾	A		-	-	-	-	-	-	-	-	-	2,152K	1	2.152	-	-	-	2,152K	1	2.152
1.2) A School - AME Environmental Control Systems (ECS) Trainers	A		-	-	-	-	-	-	-	-	-	18,437.50	16	0.295	-	-	-	18,437.50	16	0.295
1.3) A School - AME A School Courseware	A		-	-	-	-	-	-	-	-	-	54,000.00	1	0.054	-	-	-	54,000.00	1	0.054
1.4) A School - PR C School Courseware	A		-	-	-	-	-	-	-	-	-	402,000.00	1	0.402	-	-	-	402,000.00	1	0.402
1.5) ACTS - Expeditionary Laptop Upgrades ⁽⁹⁾	A		-	-	-	2,920.00	50	0.146	2,980.00	50	0.149	3,040.00	50	0.152	-	-	-	3,040.00	50	0.152
1.6) ACTS - CONUS/ CVN Server Upgrades	A		-	-	-	-	-	-	-	-	-	15,700.00	10	0.157	-	-	-	15,700.00	10	0.157
1.7) ATC - 15G34 Tower Simulation System (TSS) Procurement	A		170,800.00	25	4.270	178,615.38	13	2.322	168,000.00	1	0.168	-	-	-	-	-	-	-	-	-
1.8) ATC - 15G31 Radar Simulator	A		-	-	-	-	-	-	1,896K	1	1.896	-	-	-	-	-	-	-	-	-
1.9) ATC - Tower Simulation System (TSS) Tech Refresh	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.10) ATC - Courseware	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) ATC - 15G31 Block Upgrade	A		-	-	-	-	-	-	-	-	-	1,687K	1	1.687	-	-	-	1,687K	1	1.687
1.12) ATC - 15G33A Block Upgrade	A		-	-	-	-	-	-	-	-	-	2,661K	1	2.661	-	-	-	2,661K	1	2.661
1.13) ATC - 15G30 Block Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.14) ATC - Trainer Tech Upgrades	A		-	-	-	-	-	-	-	-	-	323,000.00	1	0.323	-	-	-	323,000.00	1	0.323
1.15) APWST - Mixed Gas Hypoxia Trainer	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.16) APWST - Reduced Oxy Breathing Dev.- Spatial Disorientation Trainer	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.17) APWST - Reduced Oxygen Breathing Device Tech Refresh	A		-	-	-	2,888.89	36	0.104	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1						P-1 Line Item Number / Title: 0705 / Common Ground Equipment										Aggregated Items Title: GENERAL SKILLS TRAINING				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1.18) APWST - Dynamic Ejection Trainer	A		-	-	-	-	-	-	-	-	-	317,777.78	9	2.860	-	-	-	317,777.78	9	2.860
1.19) APWST - Molecular Sieve Mask-On Hypoxia Units	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.20) APWST - Drag (9F2) Platforms	A		-	-	-	44,750.00	4	0.179	-	-	-	-	-	-	-	-	-	-	-	-
1.21) APWST - Parachute Descent Virtual Reality Trainer Tech Refresh	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.22) APWST - Multi-Station Disorientation Device Tech Refresh	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.23) LSO - Training System Upgrades	A		-	-	0.560	1,649K	1	1.649	-	-	-	-	-	-	-	-	-	-	-	-
1.24) Common ASW - Interactive Multi-Sensors Analysis Trainer (IMAT) Upgrades	A		-	-	1.307	958,000.00	1	0.958	398,000.00	1	0.398	425,000.00	1	0.425	-	-	-	425,000.00	1	0.425
1.25) Common ASW - Tactical Acoustic Intelligence (ACINT) Product Upgrades	A		-	-	0.103	55,000.00	1	0.055	210,000.00	1	0.210	58,000.00	1	0.058	-	-	-	58,000.00	1	0.058
1.26) NITE Lab - Part Task Trainers Upgrade	A		84,333.33	3	0.253	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.27) NITE Lab - Image Generators	A		21,263.16	19	0.404	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) Hardware			-	-	6.897	-	-	5.413	-	-	2.821	-	-	11.226	-	-	-	-	-	11.226
2) ILS																				
2.1) A School	A		-	-	-	-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	0.050
2.2) ATC	A		-	-	0.204	-	-	0.099	-	-	0.142	-	-	0.280	-	-	-	-	-	0.280
2.3) APWST	A		-	-	0.321	-	-	0.242	-	-	-	-	-	0.186	-	-	-	-	-	0.186
2.4) LSO	A		-	-	0.038	-	-	0.287	-	-	-	-	-	-	-	-	-	-	-	-
2.5) MCBT	A		-	-	14.610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) Common ASW	A		-	-	0.025	-	-	0.012	-	-	0.001	-	-	0.008	-	-	-	-	-	0.008
Subtotal: 2) ILS			-	-	15.198	-	-	0.640	-	-	0.143	-	-	0.524	-	-	-	-	-	0.524
3) Production Engineering																				
3.1) A School	A		-	-	-	-	-	-	-	-	-	-	-	0.046	-	-	-	-	-	0.046
3.2) ACTS	A		-	-	0.008	-	-	0.003	-	-	0.003	-	-	0.002	-	-	-	-	-	0.002

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1						P-1 Line Item Number / Title: 0705 / Common Ground Equipment										Aggregated Items Title: GENERAL SKILLS TRAINING				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
3.3) ATC	A		-	-	0.301	-	-	0.165	-	-	0.149	-	-	0.343	-	-	-	-	-	0.343
3.4) APWST	A		-	-	4.125	-	-	0.776	-	-	-	-	-	0.253	-	-	-	-	-	0.253
3.5) LSO	A		-	-	0.097	-	-	0.771	-	-	-	-	-	-	-	-	-	-	-	-
3.6) MCBT	A		-	-	5.458	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Common ASW	A		-	-	0.651	-	-	0.208	-	-	0.301	-	-	0.174	-	-	-	-	-	0.174
3.8) NITE Lab	A		-	-	0.266	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 3) Production Engineering</i>			-	-	10.906	-	-	1.923	-	-	0.453	-	-	0.818	-	-	-	-	-	0.818
4) Non Recurring																				
4.1) Common ASW	A		-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 4) Non Recurring</i>			-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5) Acceptance Testing																				
5.1) ACTS	A		-	-	0.040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) ATC	A		-	-	0.015	-	-	0.008	-	-	0.011	-	-	0.063	-	-	-	-	-	0.063
5.3) APWST	A		-	-	0.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) LSO	A		-	-	0.005	-	-	0.020	-	-	-	-	-	-	-	-	-	-	-	-
5.5) Common ASW	A		-	-	0.068	-	-	0.031	-	-	0.001	-	-	0.026	-	-	-	-	-	0.026
<i>Subtotal: 5) Acceptance Testing</i>			-	-	0.138	-	-	0.059	-	-	0.012	-	-	0.089	-	-	-	-	-	0.089
6) Production Support																				
6.1) A School	A		-	-	-	-	-	-	-	-	-	-	-	0.104	-	-	-	-	-	0.104
6.2) ACTS	A		-	-	0.594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) ATC	A		-	-	1.088	-	-	0.256	-	-	0.179	-	-	0.654	-	-	-	-	-	0.654
6.4) APWST	A		-	-	0.532	-	-	0.551	-	-	-	-	-	0.214	-	-	-	-	-	0.214
6.5) LSO	A		-	-	0.087	-	-	0.470	-	-	-	-	-	-	-	-	-	-	-	-
6.6) MCBT	A		-	-	1.191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.7) Common ASW	A		-	-	0.150	-	-	0.022	-	-	0.004	-	-	0.016	-	-	-	-	-	0.016
<i>Subtotal: 6) Production Support</i>			-	-	3.642	-	-	1.299	-	-	0.183	-	-	0.988	-	-	-	-	-	0.988
Total			-	-	36.787	-	-	9.334	-	-	3.612	-	-	13.645	-	-	-	-	-	13.645

Footnotes:

⁽⁸⁾ In FY13, \$2,773,000 realigned from Other Flight Training (0804743N) to General Skill Training (0804731N). In FY14, \$2,773,000 realigned from General Skill Training (0804731N) to Other Flight Training (0804743N).

⁽⁹⁾ All Items: Due to multiple Requiring Financial Managers (RFMs) in prior years, detailed breakout of prior year data is not available Hardware Upgrades: Total quantity and cost of device upgrades may vary year to year.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1						P-1 Line Item Number / Title: 0705 / Common Ground Equipment									Aggregated Items Title: TOPSCENE					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) Mission Rehearsal Pre-Planned (Topscene)																				
1.1) Product Improvement	A		1,132K	2	2.265	1,162K	1	1.162	1,024K	1	1.024	1,163K	1	1.163	-	-	-	1,163K	1	1.163
Subtotal: 1) Mission Rehearsal Pre-Planned (Topscene)			-	-	2.265	-	-	1.162	-	-	1.024	-	-	1.163	-	-	-	-	-	1.163
2) ILS																				
2.1) Topscene	A		-	-	0.458	-	-	0.192	-	-	0.241	-	-	0.242	-	-	-	-	-	0.242
Subtotal: 2) ILS			-	-	0.458	-	-	0.192	-	-	0.241	-	-	0.242	-	-	-	-	-	0.242
3) Acceptance Testing																				
3.1) Topscene	A		-	-	0.744	-	-	0.297	-	-	0.370	-	-	0.380	-	-	-	-	-	0.380
Subtotal: 3) Acceptance Testing			-	-	0.744	-	-	0.297	-	-	0.370	-	-	0.380	-	-	-	-	-	0.380
Total			-	-	3.467	-	-	1.651	-	-	1.635	-	-	1.785	-	-	-	-	-	1.785

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1									P-1 Line Item Number / Title: 0705 / Common Ground Equipment							Aggregated Items Title: OTHER FLIGHT TRAINING					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
1) Hardware																					
1.1) CNATRA - T-44 Visual System Upgrade ⁽¹⁰⁾	A		3,020K	1	3.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.2) CNATRA - T-45 Operational Flight Trainer (OFT) Upgrades ⁽¹¹⁾	A		-	-	-	-	-	-	10,041K	1	10.041	4,198K	2	8.397	-	-	-	4,198K	2	8.397	
1.3) E-6 - Mission Crew Courseware ⁽¹²⁾	A		1,498K	2	2.995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.4) E-6 - Maintenance Panel Trainer Upgrades ⁽¹³⁾	A		895,000.00	2	1.790	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.5) E-6 - Interactive Avionic Trainer Rehost	A		-	-	-	-	-	-	-	-	-	2,204K	1	2.204	-	-	-	2,204K	1	2.204	
1.6) E-6 - Airborne Communication Officer Part 2 Courseware	A		-	-	-	800,000.00	1	0.800	-	-	-	-	-	-	-	-	-	-	-	-	
1.7) EA-6B - Device 2F188 Flight Sys/ Weapon Sys Trnr (FS/ WST) Rehost	A		2,828K	1	2.828	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.8) EA-6B - Device 11H163 Aircraft Maintenance Training Unit (AMTU) Rehost	A		-	-	-	1,620K	1	1.620	-	-	-	-	-	-	-	-	-	-	-	-	
1.9) EP-3 - 10H1 Device Upgrades	A		3,172K	1	3.172	402,000.00	1	0.402	428,000.00	1	0.428	997,000.00	1	0.997	-	-	-	997,000.00	1	0.997	
1.10) EP-3 - Aircrew Computer-Based Training Upgrades	A		-	-	-	115,000.00	1	0.115	45,000.00	1	0.045	-	-	-	-	-	-	-	-	-	
1.11) EP-3 - Maintenance Training Decision Aid (MTDA) Upgrades	A		127,000.00	1	0.127	93,000.00	1	0.093	40,000.00	1	0.040	-	-	-	-	-	-	-	-	-	
1.12) EP-3 - Maintenance Computer-Based Training Upgrades	A		-	-	-	-	-	-	72,000.00	1	0.072	-	-	-	-	-	-	-	-	-	
1.13) FA-18 - Software Action Team (SWAT) Upgrades	A		636,500.00	2	1.273	632,000.00	1	0.632	650,000.00	1	0.650	-	-	-	-	-	-	-	-	-	
1.14) FA-18 - Equipment Modernization	A		4,444K	2	8.888	-	-	-	2,488K	1	2.488	4,549K	1	4.549	-	-	-	4,549K	1	4.549	

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1.15) FA-18 - TOFT Upgrades and Relocations	A		1,102K	2	2.204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.16) FA-18 - USMC High Definition 9 Upgrade	A		9,874K	1	9.874	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.17) P-3C - Tactical Operation Readiness Trainer (TORT) Upgrades	A		1,184K	1	1.184	46,000.00	3	0.138	-	-	-	-	-	-	-	-	-	-	-	-
1.18) P-3C - Common Acoustics Simulation Environment	A		-	-	0.302	60,000.00	1	0.060	-	-	-	-	-	-	-	-	-	-	-	-
1.19) P-3C - Acoustics Processor Training System	A		-	-	-	66,666.67	3	0.200	-	-	-	-	-	-	-	-	-	-	-	-
1.20) P-3C - Windows 7 Upgrade	A		-	-	-	-	-	-	116,666.67	3	0.350	-	-	-	-	-	-	-	-	-
1.21) P-3C - 2F87 Tech Refresh	A		-	-	-	-	-	-	-	-	-	325,000.00	2	0.650	-	-	-	325,000.00	2	0.650
1.22) UMFO Training - Multi-Crew Simulator Trainer (MCS)	A		13,599K	1	13.599	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.23) UMFO Training - MCS Block 1 Upgrade	A		-	-	-	990,000.00	1	0.990	-	-	-	-	-	-	-	-	-	-	-	-
1.24) USMC Fed Sim - Hawaii Database Upgrades	A		2,359K	1	2.359	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.25) USMC Fed Sim - VH-60 CFTD New Procurement	A		12,775K	1	12.775	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.26) USMC Fed Sim - Aviation Dist Virtual Trng Environ (ADVTE) Tech Upgrade ⁽¹⁴⁾	A		-	-	-	-	-	-	5,413K	1	5.413	2,842K	1	2.842	-	-	-	2,842K	1	2.842
1.27) USMC Fed Sim - Marine Common Aircrew Trainer (MCAT) Upgrades	A		950,000.00	1	0.950	2,130K	1	2.130	-	-	-	-	-	-	-	-	-	-	-	-
1.28) USMC Fed Sim - MCAT Containerized Flight Trng Dev (CFTD)	A		-	-	-	-	-	-	-	-	-	9,352K	4	37.410	-	-	-	9,352K	4	37.410
1.29) USMC Fed Sim - CH-53E CFTD Upgrades	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.30) USMC Fed Sim - CH-53E Aircrew	A		-	-	-	5,790K	1	5.790	-	-	-	4,101K	1	4.101	-	-	-	4,101K	1	4.101

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Procedure Trnr 2F190-2/2F190-1 Upgrades ⁽¹⁵⁾																				
1.31) USMC Fed Sim - CH-53E APT 2F171 Upgrades	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.32) USMC Fed Sim - CH-53E 2F174-1&2 Weapon Sys Trnr (WST) Visual Upgrades ⁽¹⁶⁾	A		-	-	-	-	-	-	9,368K	1	9.368	7,196K	1	7.196	-	-	-	7,196K	1	7.196
1.33) USMC Fed Sim - CH-53E External Trainers	A		883,000.00	2	1.766	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.34) USMC Fed Sim - Aviation Training System Upgrades	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.35) USMC Fed Sim - KC-130J Upgrades ⁽¹⁷⁾	A		6,955K	1	6.955	-	-	-	7,563K	1	7.563	10,427K	1	10.427	-	-	-	10,427K	1	10.427
1.36) USMC Fed Sim - AH-1Z Flight Training Device (FTD) Tech/Visual Upgrades	A		4,200K	1	4.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.37) USMC Fed Sim - AH-1Z Full Flight Simulator (FFS) Tech/ Visual Upgrades ⁽¹⁸⁾	A		-	-	-	7,329K	1	7.329	-	-	-	-	-	-	-	-	-	-	-	-
1.38) USMC Fed Sim - UH-1Y Flight Training Device (FTD) Tech/Visual Upgrades ⁽¹⁹⁾	A		-	-	-	7,530K	1	7.530	-	-	-	-	-	-	-	-	-	-	-	-
1.39) USMC Fed Sim - UH-1Y Full Flight Simulator (FFS) Tech/ Visual Upgrades ⁽²⁰⁾	A		-	-	-	8,192K	1	8.192	-	-	-	-	-	-	-	-	-	-	-	-
1.40) USMC Fed Sim - MV-22 Flight Simulators Tech/ Visual Upgrades ⁽²¹⁾	A		-	-	-	-	-	-	-	-	-	2,263K	4	9.052	-	-	-	2,263K	4	9.052
1.41) USMC Fed Sim - FA-18 TOFT 16/28/30/31/32/33/34/35/36/ 37/38/40 Upgrades ⁽²²⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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1.42) USMC Fed Sim - AV-8B 2F150A/B/C/D/E WST Tech/Visual Upgrades ⁽²³⁾	A		-	-	-	-	-	-	-	-	-	5,260K	1	5.260	-	-	-	5,260K	1	5.260	
1.43) USMC Fed Sim - AV-8B Maintenance Trainer Upgrades	A		-	-	-	927,250.00	4	3.709	-	-	-	-	-	-	-	-	-	-	-	-	
1.44) USMC Fed Sim - AV-8B Deployable Mission Rehearsal Trainer	A		-	-	-	-	-	-	764,000.00	7	5.348	-	-	-	-	-	-	-	-	-	
1.45) USMC Fed Sim - VH-3/60 Upgrades	A		-	-	-	-	-	-	2,990K	1	2.990	-	-	-	-	-	-	-	-	-	
1.46) USMC Fed Sim - VH-3/60 APT Visual Database Upgrades	A		-	-	-	-	-	-	942,000.00	1	0.942	-	-	-	-	-	-	-	-	-	
1.47) USMC Fed Sim - USMC Training Continuum Integration Upgrades	A		-	-	-	138,000.00	1	0.138	210,000.00	1	0.210	-	-	-	-	-	-	-	-	-	
1.48) USMC Fed Sim - RQ-7B Shadow Simulator Upgrades	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.49) E-2/C-2 - E2 Weapons Systems Trainer (WST) IOS Upgrades ⁽²⁴⁾	A		2,801K	2	5.602	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.50) E-2/C-2 - E2 Weapons Systems Trainer (WST) Tech Upgrades	A		1,256K	2	2.512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.51) E-2/C-2 - E2 Simulated Maintenance Trainer (SMT) Tech Upgrades	A		2,208K	1	2.208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.52) E-2/C-2 - C2 Operational Flight Trainer (OFT) Tech Upgrades ⁽²⁵⁾	A		-	-	-	-	-	-	6,696K	1	6.696	3,492K	1	3.492	-	-	-	3,492K	1	3.492	
1.53) E-2/C-2 - Enhanced Distributed Readiness Trainer (EDRT) Tech Upgrades	A		136,250.00	4	0.545	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.54) E-2/C-2 - E2 Operational Flight Trainer (OFT) 2F110 Tech Upgrades	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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1.55) MH-53 - Air Mine Countermeasure Stream & Recovery Mod (ASRM) Upgrades	A		1,380K	1	1.380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.56) MH-53 - Air Mine Countermeasure (AVCM) Config Trainer Procurement (26)	A		1,033K	1	1.033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.57) MH-53 - Cargo Trainer	A		-	-	-	632,000.00	1	0.632	-	-	-	-	-	-	-	-	-	-	-	-	
1.58) MH-53 - 2F141 Operational Flight Trainer (OFT) Upgrades	A		-	-	-	-	-	-	941,000.00	1	0.941	865,000.00	1	0.865	-	-	-	865,000.00	1	0.865	
1.59) MH-53 - Enhanced Aircrew External Trainer Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.60) FAST - E-6 Operational Flight Trainer (OFT)	A		1,050K	2	2.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.61) FAST - P-3 Tactical Operation Readiness Trainer (TORT)	A		2,533K	6	15.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.62) NASMP - Navy Continuous Training Environment (NCTE) Nodes Upgrades	A		-	-	0.048	313,000.00	2	0.626	375,000.00	1	0.375	375,000.00	1	0.375	-	-	-	375,000.00	1	0.375	
1.63) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET)	A		-	-	-	12,969K	1	12.969	-	-	-	6,239K	1	6.239	-	-	-	6,239K	1	6.239	
1.64) NASMP - H-60S Technology Refresh Upgrades (27)	A		3,239K	1	3.239	-	-	-	7,396K	2	14.792	6,490K	1	6.490	-	-	-	6,490K	1	6.490	
1.65) NASMP - H-60R Technology Refresh Upgrades (28)	A		-	-	-	-	-	-	7,332K	2	14.663	-	-	-	-	-	-	-	-	-	
1.66) NASMP - H-60R Anti-Submarine Warfare (ASW) Upgrades	A		223,666.67	3	0.671	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.67) NASMP - MH-60R Naval	A		-	-	-	9,720K	2	19.440	-	-	-	8,133K	1	8.133	-	-	-	8,133K	1	8.133	

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Aircrew Training Systems (NATS)																				
1.68) NASMP - H-60R ASW Stimulation/ Simulation	A		394,666.67	6	2.368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.69) NASMP - H-60R Debrief System	A		21,428.57	7	0.150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.70) NASMP - MH-60 Threat Attributes Production (JSAF)	A		-	-	-	-	-	-	1,000K	1	1.000	-	-	-	-	-	-	-	-	-
1.71) NASMP - MH-60 Threat Attributes Production (CDMTS)	A		-	-	-	270,000.00	1	0.270	-	-	-	-	-	-	-	-	-	-	-	-
1.72) NASMP - FA/ EA-18 - System Fidelity Upgrades (TECR)	A		15,434K	1	15.434	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.73) NASMP - FA/ EA-18 NGTS v3.2 Upgrade ⁽²⁹⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.74) NASMP - FA/ EA-18 Visual Display Upgrades ⁽³⁰⁾	A		1,207K	19	22.940	1,367K	11	15.036	-	-	-	-	-	-	-	-	-	-	-	-
1.75) NASMP - FA/ EA-18 COMMS Upgrade ⁽³¹⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.76) NASMP - FA/ EA-18 NGTS v3.0 Upgrade ⁽³²⁾	A		-	-	-	1,449K	1	1.449	-	-	-	-	-	-	-	-	-	-	-	-
1.77) NASMP - FA/ EA-18 Weps Fidelity Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.78) NASMP - FA/ EA-18 Front G Seat Upgrade ⁽³³⁾	A		-	-	-	-	-	-	-	-	-	1,068K	17	18.148	-	-	-	1,068K	17	18.148
1.79) NASMP - FA/ EA-18 G Front Seat II Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.80) NASMP - FA/ EA-18 F Aft Seat Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.81) NASMP - FA/EA-18 Mission Management HW Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.82) NASMP - FA/ EA-18 Blue Forces	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Visual Data Base (VDB) Upgrade																				
1.83) NASMP - FA/EA-18 Threat Visual Data Base (VDB) Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.84) NASMP - FA/EA-18 Terrain Visual Data Base (VDB) Upgrade ⁽³⁴⁾	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.85) NASMP - FA/EA-18 Airborne Electronic Attack (AEA) Model Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.86) NASMP - FA/EA-18 APG-79 Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.87) NASMP - FA/EA-18 Electro-Optical/Infra-Red (EO/IR) Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.88) NASMP - FA/EA-18 SAN Disk Upgrade ⁽³⁵⁾	A		-	-	-	-	-	-	656,521.74	23	15.100	-	-	-	-	-	-	-	-	-
1.89) NASMP - FA/EA-18 Cockpit HW Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.90) NASMP - FA/EA-18 Tech Refresh Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.91) NASMP - FA/EA-18 NASMP 1.4 Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.92) NASMP - FA/EA-18 Malfunctions Fidelity Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.93) NASMP - FA/EA-18 Config Mgmt/Information Assurance (CM/IA) Upgrade	A		-	-	-	-	-	-	800,000.00	2	1.600	800,000.00	2	1.600	-	-	-	800,000.00	2	1.600
1.94) NASMP - FA/EA-18 Aural Cueing HW Upgrade ⁽³⁶⁾	A		-	-	-	-	-	-	-	-	-	347,826.09	23	8.000	-	-	-	347,826.09	23	8.000
1.95) NASMP - FA/EA-18 MIDS Fidelity Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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1.96) NASMP - FA/EA-18 Aero Cueing Upgrade	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.97) NASMP - FA/EA-18 Next Generation Threat System (NGTS) Upgrades v3.2	A		-	-	-	-	-	-	-	-	-	3,000K	1	3.000	-	-	-	3,000K	1	3.000
1.98) NASMP - FA/EA-18 Windows 7 Upgrade	A		1,499K	1	1.499	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.99) NASMP - E2D/HLA FOM Upgrade to 1.4.13	A		902,000.00	1	0.902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.100) NASMP - E2C 2F110 CUP ECP	A		-	-	-	300,000.00	1	0.300	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) Hardware			-	-	158.092	-	-	90.590	-	-	101.115	-	-	149.427	-	-	-	-	-	149.427
2) ILS																				
2.1) CNATRA	A		-	-	0.202	-	-	-	-	-	0.287	-	-	0.165	-	-	-	-	-	0.165
2.2) E-6	A		-	-	0.211	-	-	0.130	-	-	-	-	-	0.054	-	-	-	-	-	0.054
2.3) EA-6B	A		-	-	1.000	-	-	0.258	-	-	-	-	-	-	-	-	-	-	-	-
2.4) EP-3	A		-	-	0.039	-	-	0.060	-	-	0.078	-	-	0.092	-	-	-	-	-	0.092
2.5) FA-18	A		-	-	0.414	-	-	0.276	-	-	0.318	-	-	0.083	-	-	-	-	-	0.083
2.6) P-3C	A		-	-	0.131	-	-	0.099	-	-	0.025	-	-	0.019	-	-	-	-	-	0.019
2.7) UMFO Training	A		-	-	0.468	-	-	0.207	-	-	-	-	-	-	-	-	-	-	-	-
2.8) USMC Federation Simulators	A		-	-	4.152	-	-	1.491	-	-	1.834	-	-	1.643	-	-	-	-	-	1.643
2.9) E-2/C-2	A		-	-	0.364	-	-	-	-	-	0.198	-	-	0.198	-	-	-	-	-	0.198
2.10) MH-53	A		-	-	0.278	-	-	0.113	-	-	0.150	-	-	0.080	-	-	-	-	-	0.080
2.11) NASMP	A		-	-	2.476	-	-	1.165	-	-	1.396	-	-	1.488	-	-	-	-	-	1.488
Subtotal: 2) ILS			-	-	9.735	-	-	3.799	-	-	4.286	-	-	3.822	-	-	-	-	-	3.822
3) Production Engineering																				
3.1) CNATRA	A		-	-	0.876	-	-	-	-	-	1.198	-	-	0.690	-	-	-	-	-	0.690
3.2) E-6	A		-	-	0.611	-	-	1.033	-	-	-	-	-	0.345	-	-	-	-	-	0.345
3.3) EA-6B	A		-	-	0.951	-	-	1.767	-	-	-	-	-	-	-	-	-	-	-	-
3.4) EP-3	A		-	-	0.355	-	-	0.091	-	-	0.077	-	-	0.080	-	-	-	-	-	0.080
3.5) FA-18	A		-	-	5.326	-	-	2.064	-	-	2.955	-	-	1.954	-	-	-	-	-	1.954
3.6) P-3C	A		-	-	0.384	-	-	0.221	-	-	0.033	-	-	0.086	-	-	-	-	-	0.086
3.7) UMFO Training	A		-	-	3.141	-	-	0.565	-	-	-	-	-	-	-	-	-	-	-	-
3.8) USMC Federation Simulators	A		-	-	11.432	-	-	4.303	-	-	4.780	-	-	4.231	-	-	-	-	-	4.231
3.9) E-2/C-2	A		-	-	1.037	-	-	-	-	-	0.467	-	-	0.339	-	-	-	-	-	0.339

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1								P-1 Line Item Number / Title: 0705 / Common Ground Equipment								Aggregated Items Title: OTHER FLIGHT TRAINING			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
3.10) MH-53	A		-	-	0.478	-	-	0.177	-	-	0.210	-	-	0.106	-	-	-	-	-	0.106
3.11) NASMP	A		-	-	24.344	-	-	11.876	-	-	12.207	-	-	11.594	-	-	-	-	-	11.594
<i>Subtotal: 3) Production Engineering</i>			-	-	48.935	-	-	22.097	-	-	21.927	-	-	19.425	-	-	-	-	-	19.425
4) Acceptance Testing																				
4.1) CNATRA	A		-	-	0.056	-	-	-	-	-	0.080	-	-	0.046	-	-	-	-	-	0.046
4.2) E-6	A		-	-	0.053	-	-	0.036	-	-	-	-	-	0.018	-	-	-	-	-	0.018
4.3) EA-6B	A		-	-	0.664	-	-	0.230	-	-	-	-	-	-	-	-	-	-	-	-
4.4) EP-3	A		-	-	0.091	-	-	0.012	-	-	0.021	-	-	0.043	-	-	-	-	-	0.043
4.5) P-3C	A		-	-	0.298	-	-	0.078	-	-	0.013	-	-	0.085	-	-	-	-	-	0.085
4.6) UMFO Training	A		-	-	0.108	-	-	0.075	-	-	-	-	-	-	-	-	-	-	-	-
4.7) USMC Federation Simulators	A		-	-	0.376	-	-	0.386	-	-	0.375	-	-	0.381	-	-	-	-	-	0.381
4.8) NASMP	A		-	-	1.425	-	-	1.001	-	-	1.223	-	-	1.196	-	-	-	-	-	1.196
<i>Subtotal: 4) Acceptance Testing</i>			-	-	3.071	-	-	1.818	-	-	1.712	-	-	1.769	-	-	-	-	-	1.769
5) Production Support																				
5.1) CNATRA	A		-	-	0.346	-	-	-	-	-	0.463	-	-	0.267	-	-	-	-	-	0.267
5.2) E-6	A		-	-	0.338	-	-	0.247	-	-	-	-	-	0.391	-	-	-	-	-	0.391
5.3) EA-6B	A		-	-	1.459	-	-	0.768	-	-	-	-	-	-	-	-	-	-	-	-
5.4) EP-3	A		-	-	0.615	-	-	0.316	-	-	0.374	-	-	0.350	-	-	-	-	-	0.350
5.5) FA-18	A		-	-	1.056	-	-	0.531	-	-	0.495	-	-	0.159	-	-	-	-	-	0.159
5.6) P-3C	A		-	-	0.674	-	-	0.396	-	-	0.219	-	-	0.280	-	-	-	-	-	0.280
5.7) UMFO Training	A		-	-	1.188	-	-	0.591	-	-	-	-	-	-	-	-	-	-	-	-
5.8) E-2/C-2	A		-	-	0.517	-	-	-	-	-	0.101	-	-	0.109	-	-	-	-	-	0.109
5.9) MH-53	A		-	-	0.307	-	-	0.144	-	-	0.354	-	-	0.260	-	-	-	-	-	0.260
5.10) USMC Federation Simulators	A		-	-	9.048	-	-	4.190	-	-	4.684	-	-	4.296	-	-	-	-	-	4.296
5.11) NASMP	A		-	-	13.968	-	-	7.460	-	-	7.312	-	-	6.662	-	-	-	-	-	6.662
<i>Subtotal: 5) Production Support</i>			-	-	29.516	-	-	14.643	-	-	14.002	-	-	12.774	-	-	-	-	-	12.774
Total			-	-	249.349	-	-	132.947	-	-	143.042	-	-	187.217	-	-	-	-	-	187.217

Footnotes:

⁽¹⁰⁾ In FY13, \$2,773,000 realigned from Other Flight Training (0804743N) to General Skill Training (0804731N). In FY14, \$2,773,000 realigned from General Skill Training (0804731N) to Other Flight Training (0804743N).

⁽¹¹⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1	P-1 Line Item Number / Title: 0705 / Common Ground Equipment	Aggregated Items Title: OTHER FLIGHT TRAINING
(12) All Items: Due to multiple Requiring Financial Managers (RFMs) in prior years, detailed breakout of prior year data is not available. (13) Hardware Upgrades: Total quantity and cost of device upgrades may vary year to year. (14) Upgrades do not increase inventory, thus no P20/P21 information is provided (15) Upgrades do not increase inventory, thus no P20/P21 information is provided (16) Upgrades do not increase inventory, thus no P20/P21 information is provided (17) Upgrades do not increase inventory, thus no P20/P21 information is provided (18) Upgrades do not increase inventory, thus no P20/P21 information is provided (19) Upgrades do not increase inventory, thus no P20/P21 information is provided (20) Upgrades do not increase inventory, thus no P20/P21 information is provided (21) Upgrades do not increase inventory, thus no P20/P21 information is provided Renaming: USMC Fed Sim - MV-22 Flight Training Device (FTD) Tech/Visual Upgrades to USMC Fed Sim - MV-22 Flight Simulators Tech/Visual Upgrades (22) Renaming: USMC Fed Sim - FA-18 TOFT 16/28/30/31/32/33/34/36/37/38/40 Upgrades to USMC Fed Sim - FA-18 TOFT 16/28/30/31/32/33/34/35/36/37/38/40 Upgrades (23) Upgrades do not increase inventory, thus no P20/P21 information is provided (24) Upgrades do not increase inventory, thus no P20/P21 information is provided (25) Upgrades do not increase inventory, thus no P20/P21 information is provided (26) Renaming: MH-53 - Air Mine Countermeasure (AVCM) Config Trainer Upgrades to MH-53 - Air Mine Countermeasure (AVCM) Config Trainer Procurement (27) Upgrades do not increase inventory, thus no P20/P21 information is provided Renaming: NASMP - H-60S Technical Refresh Upgrades to NASMP - H-60S Technology Refresh Upgrades (28) Upgrades do not increase inventory, thus no P20/P21 information is provided Renaming: NASMP - H-60R/S Technology Refresh and Upgrades to NASMP - H-60R Technology Refresh Upgrades (29) Renaming: NASMP - FA/EA-18 NGTS v3.2 Upgrades to NASMP - FA/EA-18 NGTS v3.2 Integration (Boeing/L3) (30) Upgrades do not increase inventory, thus no P20/P21 information is provided (31) Renaming: NASMP - FA/EA-18 Communication EFG to NASMP - FA/EA-18 COMMS Upgrade (32) Renaming: NASMP - FA/EA-18 NGTS v3, Integration EFG (Boeing) to NASMP - FA/EA-18 NGTS v3.0 Upgrade (33) Upgrades do not increase inventory, thus no P20/P21 information is provided (34) Renaming: NASMP - FA/EA-18 SAF Visual Data Base (VDB) Upgrade to NASMP - FA/EA-18 Terrain Visual Data Base (VDB) Upgrade (35) Upgrades do not increase inventory, thus no P20/P21 information is provided (36) Upgrades do not increase inventory, thus no P20/P21 information is provided		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities							P-1 Line Item Number / Title: 0715 / Aircraft Industrial Facilities						
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)	983.004	19.676	24.250	23.843	-	23.843	24.256	24.708	25.142	25.654	Continuing	Continuing	
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (<i>\$ in Millions</i>)	983.004	19.676	24.250	23.843	-	23.843	24.256	24.708	25.142	25.654	Continuing	Continuing	
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (<i>\$ in Millions</i>)	983.004	19.676	24.250	23.843	-	23.843	24.256	24.708	25.142	25.654	Continuing	Continuing	
<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 Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
[#] The FY 2015 OCO Request will be submitted at a later date.													
Description: DESCRIPTION: This budget line item funds two programs: Calibration Equipment & Contractor Facilities Calibration Equipment Description: The objective of the Metrology/Calibration (METCAL) Program is to maintain required accuracy and consistency in Navy measurements. This ensures the required measurement accuracy of Test and Measurement Systems (TAMS) and Aviation Support Equipment (SE) used to test, repair and maintain Aviation Weapon Systems is adequate. Calibration is an on-cycle maintenance action and can be described as the comparison of a measurement device/system of unverified/unknown accuracy (TAMS or SE) to a device of known and greater accuracy (Calibration Standard). Contractor Facilities Description: All Naval Air Systems Command (NAVAIR) property in the government owned contractor operated facilities program has been disposed of. The last facility (Dallas) was sold at the beginning of FY13.													

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Aircraft Industrial Facilities	P-40a		-	-	983.004	-	-	19.676	-	-	24.250	-	-	23.843	-	-	-	-	-	23.843
Total Gross/Weapon System Cost			-	-	983.004	-	-	19.676	-	-	24.250	-	-	23.843	-	-	-	-	-	23.843

*For P-40as, Title represents the P40a Title.

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

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities		P-1 Line Item Number / Title: 0715 / Aircraft Industrial Facilities
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Justification: Calibration Equipment: Funds are used to procure Calibration Standards (CALSTDs) and ancillary equipment for Aviation Fleet Intermediate Calibration Activities, Fleet Training Activities, Aviation Navy Calibration Laboratories (NCLs), and the Navy Primary Standards Laboratory (NPSL). CALSTDs procured for Fleet 'I' level use are to replace obsolete and/or irreparable equipment, expand technical measurement capabilities to decrease Depot support costs, reduce out-of-service turn around times, provide enhanced forward deployed geographic support and reduce/control the Naval Air Systems Command (NAVAIR) cost of ownership associated with Calibration. Fleet 'I' level calibration activities support 70% of the total Fleet calibration workload. Maintenance of Fleet calibration capability through this funding results in the release of more expensive Depot level support man-hours for more complex calibration maintenance and calibrations where economy of scale costs dictate single site or geographic calibration center capability. CALSTDs procured for NCLs and the NPSL allow for the automation and improvement of calibration procedures in order to reduce Fleet asset out-of-service and Turn around Time, expand technical calibration capabilities for enhanced in-theater Fleet support, and replace obsolete and high support cost CALSTDs. Contractor Facilities: All NAVAIR property in the government owned contractor operated facilities program has been disposed of. The last facility (Dallas) was sold at the beginning of FY13. Therefore, the budget funds associated with property ownership including management of existing leases at operating facilities is no longer necessary FY14 and beyond as program undergoes closeout. Litigation risks remain for the Navy associated with the program, though it is unlikely a suit would prevail and then the primary risk is on environmental matters affiliated with Environmental Restoration, Navy (ERN) account. Any settlement costs resulting from this risk would not be funded by APN, but from the ERN and a judgment fund for these matters.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1							P-1 Line Item Number / Title: 0715 / Aircraft Industrial Facilities								Aggregated Items Title: Aircraft Industrial Facilities					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) Aircraft Industrial Facilities																				
1.1) Automated / Interface CALSTDs	A		41,321.31	305	12.603	2,580.88	136	0.351	2,590.00	95	0.246	2,640.00	111	0.293	-	-	-	2,640.00	111	0.293
1.2) Low Frequency AC/DC CALSTDs	A		348,875.44	281	98.034	17,548.52	237	4.159	17,633.06	248	4.373	10,319.10	445	4.592	-	-	-	10,319.10	445	4.592
1.3) Other CALSTDs Procurement	A		38,577.18	447	17.244	5,816.67	180	1.047	5,840.00	92	0.537	5,890.00	94	0.554	-	-	-	5,890.00	94	0.554
1.4) Physical Dimen / Optical CALSTDs	A		347,844.19	353	122.789	33,938.78	196	6.652	30,366.15	325	9.869	32,341.09	258	8.344	-	-	-	32,341.09	258	8.344
1.5) RF / Microwave CALSTDs	A		218,889.87	454	99.376	23,514.29	175	4.115	20,050.00	227	4.551	12,340.00	473	5.837	-	-	-	12,340.00	473	5.837
1.6) Res / Impedance CALSTDs	A		163,880.34	234	38.348	2,480.00	130	0.322	2,690.00	122	0.328	4,851.43	175	0.849	-	-	-	4,851.43	175	0.849
1.7) Logistics / Engineering Support	A		-	-	39.473	-	-	1.767	-	-	2.098	-	-	2.219	-	-	-	-	-	2.219
1.8) Production / Aquisition ⁽¹⁾	A		-	-	72.445	-	-	1.253	-	-	1.218	-	-	1.155	-	-	-	-	-	1.155
1.9) Divestiture Support	A		-	-	482.692	-	-	0.010	-	-	1.030	-	-	-	-	-	-	-	-	-
Subtotal: 1) Aircraft Industrial Facilities			-	-	983.004	-	-	19.676	-	-	24.250	-	-	23.843	-	-	-	-	-	23.843
Total			-	-	983.004	-	-	19.676	-	-	24.250	-	-	23.843	-	-	-	-	-	23.843

Footnotes:

⁽¹⁾ Each Cost Element with a Quantity represents a number of different end items. The Unit Cost is an average cost for all the end items in the Cost element.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities							P-1 Line Item Number / Title: 0720 / War Consumables					
ID Code (A=Service Ready, B=Not Service Ready) : B			Program Elements for Code B Items: 0204164N, 0204161N				Other Related Program Elements: 0205633N					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	773.071	43.326	28.930	15.939	-	15.939	44.454	43.789	44.544	43.967	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	773.071	43.326	28.930	15.939	-	15.939	44.454	43.789	44.544	43.967	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	773.071	43.326	28.930	15.939	-	15.939	44.454	43.789	44.544	43.967	Continuing	Continuing
<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 Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: The WAR CONSUMABLES P-1 line item has two subcategories: Common Aircraft Ancillary Equipment (AAE) and Aerial Refueling Stores (ARS). The Common AAE program procures, modifies and upgrades common bomb racks, peculiar bomb racks, missile launchers and related support for USN/USMC platforms. The ARS portion procures, modifies, and upgrades aerial refueling stores, External Fuel Tanks (EFT) and related support. COMMON AIRCRAFT ANCILLARY EQUIPMENT (AAE) As directed by OPNAVINST 8000.16B (Naval Ordnance Maintenance Management Program (NOMMP)), the appropriation provides for procurement of new AAE to replace attrition losses, provides for production engineering support and satisfies commonality policy goals set forth by the Navy's Strike Warfare Master Plan. Specifically, the following equipment is procured in AAE: - Upgrades, modifications and reliability improvements to common and peculiar bomb rack. - Upgrades, modifications and reliability improvements to various missile launchers and associated equipment. - Upgrades, modifications and reliability improvements to Pure Air Generating Systems (PAGS). There are two variants of PAGS, Marotta Pure Air Compression Technology (MPACT)/High Pressure Pure Air Generators (HiPPAG), currently in use as on-board coolant generator for missile launchers carrying infrared (IR) seeking missiles. - Common PAGS Interface Assembly provides electrical connectivity and a conduit for nitrogen flow between the PAGS unit and the missile launcher. - The BRU-55 is an upgrade to the BRU-33 CVER (Canted Vertical), with electronic upgrades, which allows for the carriage and release of two MIL-STD-1760 weapons from a single F/A-18 station. The BRU-55 was developed by PMA-201 as part of the Mk-82 JDAM program. - Digital Improved Triple Ejector Rack (DITER) increases the capability of the existing BRU-42 for the AV-8B by adding a smart carriage capability for weapons such as the Joint Direct Attack Munition (JDAM). Development Testing 3Q09 thru 3Q10, Integrated Operational Test & Evaluation (IOT&E) 1Q10 thru 4Q11. - Joint Miniature Munitions Bomb Rack Unit (JMM BRU) (BRU-61A/A) is required for operation and carriage of the Small Diameter Bomb II (SDB II) weapon. The BRU-61/A is currently in production for the USAF, but has not been qualified to DoN environments. BRU-61A/A will be carried on F-35B and F-35C. FY18 is the first year of Navy procurement of BRU-61A/A to support the SDB II FY20 IOC. FY18 includes 40 units for IOC, First Article Acceptance Test (FAAT), and schoolhouse requirements.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities												P-1 Line Item Number / Title: 0720 / War Consumables									
ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items: 0204164N, 0204161N						Other Related Program Elements: 0205633N									
AERIAL REFUELING STORES (ARS) The ARS program finances Aerial Refueling Systems, EFT and related support. Requirements are determined by an inventory objective, which supports peacetime/wartime needs. Aircraft equipped with the A/ A42R-1 Aerial Refueling Stores (ARS) are required for all carrier based tanking missions (overhead tanking (primarily recovery focused), strike and yo-yo tanking). Total reliance on the ARS and integration in the F/A-18E/F requires substantial improvements to the existing stores to ensure their viability through 2040. Investigation of major subsystems in pursuit of life cycle cost savings, mitigation of flight safety risk and reliability enhancements have identified a large dollar value return on investment for service life extension, reduction in flight safety risk and areas where reliability improvements can be realized. - ARS upgrade to the avionics/electrical system - ARS upgrade to the drogue system - Replacement of External Fuel Tanks for F/A-18 (A-D variants), required to meet the Fleet Response plan and replace original equipment due to fatigue issues. - ARS Support Equipment - External Fuel Tank Support Equipment - Provides production support, modification, and modernization of ARS and EFT products.																					
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
War Consumables	P-40a		-	-	773.071	-	-	43.326	-	-	28.930	-	-	15.939	-	-	-	-	-	15.939	
Total Gross/Weapon System Cost			-	-	773.071	-	-	43.326	-	-	28.930	-	-	15.939	-	-	-	-	-	15.939	
*For P-40as, Title represents the P40a Title. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY15 provides funding to procure, modify and/or upgrade bomb racks and missile launchers, BRU-55, ARS, EFT's and associated support.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1						P-1 Line Item Number / Title: 0720 / War Consumables								Aggregated Items Title: War Consumables						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) Common AAE																				
1.1) Bomb Rack Mod Kits & Install ⁽¹⁾	A		-	-	27.425	-	-	-	-	-	5.327	-	-	1.900	-	-	-	-	-	1.900
1.2) Launcher Upgrade & Installation ⁽²⁾	A		-	-	40.962	-	-	-	-	-	4.947	-	-	2.897	-	-	-	-	-	2.897
1.3) LAU-7	A		37,398.00	2,000	74.796	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) Pure Air Generating System MPACT	A		18,395.53	1,163	21.394	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) High Pressure Pure Air Generator HiPPAG	A		43,672.89	1,608	70.226	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) Common Interface Assembly	A		494.29	2,013	0.995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) Rack and Launcher Test Set	A		-	-	1.095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) External Fuel Tanks	A		52,337.50	1,200	62.805	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.9) External Fuel Tanks* ⁽³⁾	A		41,083.33	24	0.986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.10) External Fuel Tank Support Equipment	A		-	-	3.344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) BRU-55 ⁽⁴⁾	A		-	-	10.988	86,902.61	421	36.586	84,655.17	29	2.455	-	-	-	-	-	-	-	-	-
1.12) Digital ITER	B		72,792.45	159	11.574	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.13) BRU-61 A/A	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.14) BRU-61 A/A Production Test	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.15) BRU-61 A/A ILS	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.16) BRU-61 A/A Production Engineering	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.17) ILS	A		-	-	8.061	-	-	1.046	-	-	1.452	-	-	1.317	-	-	-	-	-	1.317
1.18) Product Improvement ⁽⁵⁾	A		-	-	33.977	-	-	0.950	-	-	1.968	-	-	1.355	-	-	-	-	-	1.355
1.19) Product Engineering	A		-	-	39.572	-	-	1.965	-	-	1.435	-	-	1.457	-	-	-	-	-	1.457
1.20) Various ⁽⁶⁾	A		-	-	131.124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) Common AAE			-	-	539.324	-	-	40.547	-	-	17.584	-	-	8.926	-	-	-	-	-	8.926
2) Aerial Refueling Stores																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1					P-1 Line Item Number / Title: 0720 / War Consumables										Aggregated Items Title: War Consumables				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
2.1) External Fuel Tanks	A		41,084.21	190	7.806	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Aerial Refueling Stores ⁽⁷⁾	A		-	-	52.265	-	-	0.728	-	-	9.222	-	-	4.807	-	-	-	-	-	4.807
2.3) Product Support	A		-	-	11.716	-	-	2.051	-	-	2.124	-	-	2.206	-	-	-	-	-	2.206
2.4) Various	A		-	-	161.960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 2) Aerial Refueling Stores</i>			-	-	233.747	-	-	2.779	-	-	11.346	-	-	7.013	-	-	-	-	-	7.013
Total			-	-	773.071	-	-	43.326	-	-	28.930	-	-	15.939	-	-	-	-	-	15.939

Footnotes:

- (1) Quantities are not reflected due to the procurement of different bomb racks for multiple aircraft T/M/S. FY13 funds zero'd out due to an increased BRU-55 procurement. FY14 funds increased due to a decreased BRU-55 procurement.
- (2) FY13 funds zero'd out due to an increased BRU-55 procurement. FY14 funds increased due to a decreased BRU-55 procurement.
- (3) *Due to program efficiencies, an additional 24 units were placed on contract utilizing FY10 funding after the initial FY10 procurement. These units were placed on contract at the same time and for the same unit cost as the FY11 units.
- (4) Change in units and dollar amounts in FY13 and FY14 are a result of a joint buy. Values shown are actual contract award.
- (5) FY13 reduced to fund BRU-55 procurement.
- (6) The amount identified against this cost element reflects total prior year funding associated with equipment no longer procured.
- (7) FY13 & FY14 funding changes are due to the realignment of funds for the BRU-55 procurement.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy								Date: March 2014												
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities						P-1 Line Item Number / Title: 0725 / Other Production Charges														
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	191.476	3.492	5.268	5.630	-	5.630	3.476	11.277	20.988	21.400	Continuing	Continuing								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	191.476	3.492	5.268	5.630	-	5.630	3.476	11.277	20.988	21.400	Continuing	Continuing								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	191.476	3.492	5.268	5.630	-	5.630	3.476	11.277	20.988	21.400	Continuing	Continuing								
(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>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
# The FY 2015 OCO Request will be submitted at a later date.																				
Description: The Other Production Charges line provides funds for miscellaneous production support and testing services, aircraft pods, and instrumentation packages supporting tactical aircrew combat training and mobile sea range systems. The budget request supports the following efforts: TACTICAL COMBAT TRAINING SYSTEM (TCTS): The TCTS program will procure fixed, transportable and mobile range equipment for the Navy for both shore-based (aircrew training) and deployable (ship/aircrew training) applications. TCTS instrumentation will transmit and track instrumented exercise participants and events, e.g., weapons engagements; and provide accurate, realistic, and timely exercise feedback. TCTS is building on technology developed for existing tactical training range systems. Increment I procurement primarily acquires airborne instrumentation Participant Subsystems (PS) for F/A-18 and other tactical aircraft via Airborne Subsystems (AS). Increment II will provide encryption capability for PS and a Rotary and Transport Aircraft Rack-mounted Subsystems (RS).																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Other Production Charges	P-40a		-	-	191.476	-	-	3.492	-	-	5.268	-	-	5.630	-	-	-	-	-	5.630
Total Gross/Weapon System Cost			-	-	191.476	-	-	3.492	-	-	5.268	-	-	5.630	-	-	-	-	-	5.630
*For P-40as, Title represents the P40a Title.																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1								P-1 Line Item Number / Title: 0725 / Other Production Charges							Aggregated Items Title: Other Production Charges				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1) Tactical Combat Training System																				
1.1) Participant Subsystem	A		-	-	96.267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) TCTS Increment I Block Upgrade	A		-	-	-	-	-	-	-	-	2.623	-	-	2.439	-	-	-	-	-	2.439
1.3) Integrated Logistics Support	A		-	-	10.490	-	-	0.276	-	-	0.325	-	-	0.544	-	-	-	-	-	0.544
1.4) Acceptance Test	A		-	-	5.801	-	-	0.425	-	-	0.447	-	-	0.591	-	-	-	-	-	0.591
1.5) Production Engineering	A		-	-	-	-	-	1.662	-	-	1.670	-	-	2.008	-	-	-	-	-	2.008
1.6) Production Support	A		-	-	-	-	-	0.100	-	-	0.203	-	-	0.048	-	-	-	-	-	0.048
1.7) Non Recurring ⁽¹⁾	A		-	-	74.818	-	-	1.029	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) Tactical Combat Training System			-	-	187.376	-	-	3.492	-	-	5.268	-	-	5.630	-	-	-	-	-	5.630
2) F/A-18 Squadrons																				
2.1) Advanced Precision Kill Weapon System	A		-	-	4.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) F/A-18 Squadrons			-	-	4.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	191.476	-	-	3.492	-	-	5.268	-	-	5.630	-	-	-	-	-	5.630

Footnotes:

⁽¹⁾ FY2013 Non Recurring includes software upgrades to meet system requirements. FY2014 - FY2016 Non Recurring moved to TCTS Increment I Block Upgrade to show product deliveries.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities							P-1 Line Item Number / Title: 0735 / Special Support Equipment					
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	32.231	60.306	65.839	-	65.839	82.311	18.979	20.851	21.385	-	301.902
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	32.231	60.306	65.839	-	65.839	82.311	18.979	20.851	21.385	-	301.902
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	32.231	60.306	65.839	-	65.839	82.311	18.979	20.851	21.385	-	301.902
<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 Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: Details of this P-1 item are classified. Note: "Prior Years" cost is \$1,264.393M. "To Complete" and "Total" are continuing.												
Justification: Justification of this request is provided separately. This line item is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy	Date: March 2014
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Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities	P-1 Line Item Number / Title: 0740 / First Destination Transportation
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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 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	1.597	1.775	1.768	-	1.768	1.801	1.834	1.869	1.907	-	12.551
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	1.597	1.775	1.768	-	1.768	1.801	1.834	1.869	1.907	-	12.551
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	1.597	1.775	1.768	-	1.768	1.801	1.834	1.869	1.907	-	12.551
(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>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

This line finances the movement of newly procured equipment and material from the contractor's plant to the initial point of receipt by the Government.

Note: "Prior Years" cost is \$78.431M. "To Complete" and "Total" are continuing.

Justification:

Funds are requested for the FY2015 First Destination Transportation requirements.

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