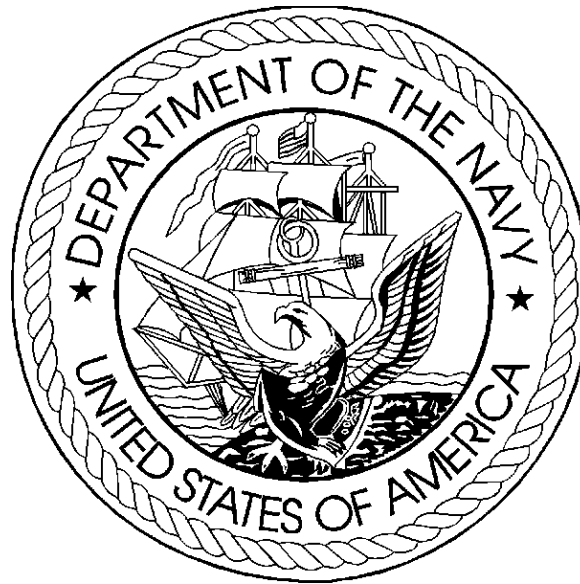


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**Department of Defense
Fiscal Year (FY) 2013 President's Budget Submission**

February 2012



Navy

Justification Book Volume 4

Aircraft Procurement, Navy

Budget Activity 7

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Navy • President's Budget Submission FY 2013 • Procurement

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Department of Defense Appropriations Act, 2013

Aircraft Procurement, Navy

For construction, procurement, production, modification, and modernization of aircraft, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment; expansion of public and private plants, including the land necessary therefore, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, \$17,129,296,000, to remain available for obligation until September 30, 2015.

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

18 Jan 2012

Appropriation -----	FY 2011 Actuals -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
Aircraft Procurement, Navy	17,242,298	17,675,734	480,935	18,156,669
Total Department of the Navy	17,242,298	17,675,734	480,935	18,156,669

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Department of the Navy
FY 2013 President's Budget
Exhibit P-1 FY 2013 President's Budget
Total Obligational Authority
(Dollars in Thousands)

18 Jan 2012

Appropriation -----	FY 2013 Base -----	FY 2013 OCO -----	FY 2013 Total -----
Aircraft Procurement, Navy	17,129,296	164,582	17,293,878
Total Department of the Navy	17,129,296	164,582	17,293,878

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

18 Jan 2012

Appropriation: Aircraft Procurement, Navy

Budget Activity -----	FY 2011 Actuals -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
01. Combat Aircraft	13,495,112	13,875,877	24,875	13,900,752
02. Airlift Aircraft	73,717			
03. Trainer Aircraft	26,100	256,906		256,906
04. Other Aircraft	86,932	279,274		279,274
05. Modification of Aircraft	1,806,413	1,653,802	406,698	2,060,500
06. Aircraft Spares and Repair Parts	1,335,506	1,163,294	34,462	1,197,756
07. Aircraft Support Equip & Facilities	418,518	446,581	14,900	461,481
Total Aircraft Procurement, Navy	17,242,298	17,675,734	480,935	18,156,669

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

18 Jan 2012

Appropriation: Aircraft Procurement, Navy

Budget Activity -----	FY 2013 Base -----	FY 2013 OCO -----	FY 2013 Total -----
01. Combat Aircraft	12,952,473	29,800	12,982,273
02. Airlift Aircraft			
03. Trainer Aircraft	278,884		278,884
04. Other Aircraft	211,285		211,285
05. Modification of Aircraft	2,028,762	132,402	2,161,164
06. Aircraft Spares and Repair Parts	1,166,430		1,166,430
07. Aircraft Support Equip & Facilities	491,462	2,380	493,842
Total Aircraft Procurement, Navy	17,129,296	164,582	17,293,878

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals Quantity	Cost	FY 2012 Base Quantity	Cost	FY 2012 OCO Quantity	Cost	FY 2012 Total Quantity	Cost	S e c
Budget Activity 01: Combat Aircraft											

Combat Aircraft											
1	EA-18G	B	12	(975,758)	12	(1,038,462)			12	(1,038,462)	U
	Less: Advance Procurement (PY)			(-20,496)		(-43,866)				(-43,866)	U
				-----		-----				-----	
				955,262		994,596				994,596	
2	EA-18G			43,866		28,119				28,119	U
	Advance Procurement (CY)										
3	F/A-18E/F (Fighter) Hornet	A	31	(2,222,645)	28	(2,242,466)			28	(2,242,466)	U
	Less: Advance Procurement (PY)			(-53,162)		(-2,282)				(-2,282)	U
				-----		-----				-----	
				2,169,483		2,240,184				2,240,184	
4	F/A-18E/F (Fighter) Hornet			2,282		63,262				63,262	U
	Advance Procurement (CY)										
5	Joint Strike Fighter CV	A	7	(2,123,111)	7	(1,657,381)			7	(1,657,381)	U
	Less: Advance Procurement (PY)			(-479,506)		(-209,285)				(-209,285)	U
				-----		-----				-----	
				1,643,605		1,448,096				1,448,096	
6	Joint Strike Fighter CV			209,285		109,066				109,066	U
	Advance Procurement (CY)										
7	JSF STOVL		3	(553,521)	6	(1,426,616)			6	(1,426,616)	U
	Less: Advance Procurement (PY)					(-284,683)				(-284,683)	U
				-----		-----				-----	
				553,521		1,141,933				1,141,933	
8	JSF STOVL			284,683		117,229				117,229	U
	Advance Procurement (CY)										

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line		Ident	FY 2013		FY 2013		FY 2013	S
No	Item Nomenclature	Code	Base	Cost	OCO	Cost	Total	e
----	-----	-----	Quantity	-----	Quantity	-----	Quantity	-----
Budget Activity 01: Combat Aircraft								

Combat Aircraft								
1	EA-18G	B	12	(1,055,562)			12 (1,055,562)	U
	Less: Advance Procurement (PY)			(-28,119)			(-28,119)	U
				-----		-----	-----	
				1,027,443			1,027,443	
2	EA-18G							
	Advance Procurement (CY)							U
3	F/A-18E/F (Fighter) Hornet	A	26	(2,098,393)			26 (2,098,393)	U
	Less: Advance Procurement (PY)			(-63,262)			(-63,262)	U
				-----		-----	-----	
				2,035,131			2,035,131	
4	F/A-18E/F (Fighter) Hornet							
	Advance Procurement (CY)			30,296			30,296	U
5	Joint Strike Fighter CV	A	4	(1,116,698)			4 (1,116,698)	U
	Less: Advance Procurement (PY)			(-109,066)			(-109,066)	U
				-----		-----	-----	
				1,007,632			1,007,632	
6	Joint Strike Fighter CV							
	Advance Procurement (CY)			65,180			65,180	U
7	JSF STOVL		6	(1,521,966)			6 (1,521,966)	U
	Less: Advance Procurement (PY)			(-117,229)			(-117,229)	U
				-----		-----	-----	
				1,404,737			1,404,737	
8	JSF STOVL							
	Advance Procurement (CY)			106,199			106,199	U

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Department of the Navy
FY 2013 President's Budget
Exhibit P-1 FY 2013 President's Budget
Total Obligational Authority
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals Quantity Cost	FY 2012 Base Quantity Cost	FY 2012 OCO Quantity Cost	FY 2012 Total Quantity Cost	S e c
----	-----	-----	-----	-----	-----	-----	-----
9	V-22 (Medium Lift)		30 (2,256,103)	30 (2,342,393)		30 (2,342,393)	U
	Less: Advance Procurement (PY)		(-146,592)	(-140,276)		(-140,276)	U
			-----	-----	-----	-----	
			2,109,511	2,202,117		2,202,117	
10	V-22 (Medium Lift)						
	Advance Procurement (CY)		81,407	63,768		63,768	U
11	H-1 Upgrades (UH-1Y/AH-1Z)	A	31 (873,404)	25 (710,786)	1 (24,875)	26 (735,661)	U
	Less: Advance Procurement (PY)		(-50,394)	(-58,225)		(-58,225)	U
			-----	-----	-----	-----	
			823,010	652,561	24,875	677,436	
12	H-1 Upgrades (UH-1Y/AH-1Z)						
	Advance Procurement (CY)		58,225	56,750		56,750	U
13	MH-60S (MYP)	A	18 (551,221)	18 (467,327)		18 (467,327)	U
	Less: Advance Procurement (PY)		(-86,164)	(-66,706)		(-66,706)	U
			-----	-----	-----	-----	
			465,057	400,621		400,621	
14	MH-60S (MYP)						
	Advance Procurement (CY)		66,706	74,040		74,040	U
15	MH-60R (MYP)	A	24 (1,027,044)	24 (903,794)		24 (903,794)	U
	Less: Advance Procurement (PY)		(-134,227)	(-128,269)		(-128,269)	U
			-----	-----	-----	-----	
			892,817	775,525		775,525	
16	MH-60R (MYP)						
	Advance Procurement (CY)		128,269	209,431		209,431	U
17	P-8A Poseidon	A	7 (1,882,214)	11 (2,175,660)		11 (2,175,660)	U
	Less: Advance Procurement (PY)		(-145,895)	(-166,809)		(-166,809)	U
			-----	-----	-----	-----	
			1,736,319	2,008,851		2,008,851	
18	P-8A Poseidon						
	Advance Procurement (CY)		166,809	244,894		244,894	U

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Department of the Navy
FY 2013 President's Budget
Exhibit P-1 FY 2013 President's Budget
Total Obligational Authority
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line		Ident	FY 2013		FY 2013		FY 2013	S
No	Item Nomenclature	Code	Base	Cost	OCO	Cost	Total	e
----	-----	----	Quantity	-----	Quantity	-----	Quantity	-----
9	V-22 (Medium Lift)		17	(1,366,888)			17	(1,366,888) U
	Less: Advance Procurement (PY)			(-63,768)				(-63,768) U
				-----		-----		-----
				1,303,120				1,303,120
10	V-22 (Medium Lift)							
	Advance Procurement (CY)			154,202				154,202 U
11	H-1 Upgrades (UH-1Y/AH-1Z)	A	27	(777,683)	1	(29,800)	28	(807,483) U
	Less: Advance Procurement (PY)			(-56,750)				(-56,750) U
				-----		-----		-----
				720,933		29,800		750,733
12	H-1 Upgrades (UH-1Y/AH-1Z)							
	Advance Procurement (CY)			69,658				69,658 U
13	MH-60S (MYP)	A	18	(449,894)			18	(449,894) U
	Less: Advance Procurement (PY)			(-65,102)				(-65,102) U
				-----		-----		-----
				384,792				384,792
14	MH-60S (MYP)							
	Advance Procurement (CY)			69,277				69,277 U
15	MH-60R (MYP)	A	19	(786,785)			19	(786,785) U
	Less: Advance Procurement (PY)			(-129,919)				(-129,919) U
				-----		-----		-----
				656,866				656,866
16	MH-60R (MYP)							
	Advance Procurement (CY)			185,896				185,896 U
17	P-8A Poseidon	A	13	(2,665,649)			13	(2,665,649) U
	Less: Advance Procurement (PY)			(-244,894)				(-244,894) U
				-----		-----		-----
				2,420,755				2,420,755
18	P-8A Poseidon							
	Advance Procurement (CY)			325,679				325,679 U

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals Quantity Cost	FY 2012 Base Quantity Cost	FY 2012 OCO Quantity Cost	FY 2012 Total Quantity Cost	S e c
19	E-2D Adv Hawkeye	A	5 (1,081,683)	5 (1,004,833)		5 (1,004,833)	U
	Less: Advance Procurement (PY)		(-94,629)	(-117,941)		(-117,941)	U
			987,054	886,892		886,892	
20	E-2D Adv Hawkeye						
	Advance Procurement (CY)		117,941	157,942		157,942	U
Total Combat Aircraft			13,495,112	13,875,877	24,875	13,900,752	
Budget Activity 02: Airlift Aircraft							
Airlift Aircraft							
21	C-40A	A	1 73,717				U
Total Airlift Aircraft			73,717				
Budget Activity 03: Trainer Aircraft							
Trainer Aircraft							
22	JPATS	A	26,100	36 256,906		36 256,906	U
Total Trainer Aircraft			26,100	256,906		256,906	
Budget Activity 04: Other Aircraft							
Other Aircraft							
23	KC-130J	A	(33,832)	1 (87,288)		1 (87,288)	U
	Less: Advance Procurement (PY)		(-33,832)				U
				87,288		87,288	
24	KC-130J						
	Advance Procurement (CY)						U

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
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Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 Base Quantity	Cost	FY 2013 OCO Quantity	Cost	FY 2013 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
19	E-2D Adv Hawkeye	A	5	(1,019,440)			5	(1,019,440)	U
	Less: Advance Procurement (PY)			(-157,942)				(-157,942)	U
				-----		-----		-----	
				861,498				861,498	
20	E-2D Adv Hawkeye								
	Advance Procurement (CY)			123,179				123,179	U
				-----		-----		-----	
	Total Combat Aircraft			12,952,473		29,800		12,982,273	
Budget Activity 02: Airlift Aircraft									

Airlift Aircraft									
21	C-40A	A							U
				-----		-----		-----	
	Total Airlift Aircraft								
Budget Activity 03: Trainer Aircraft									

Trainer Aircraft									
22	JPATS	A	33	278,884			33	278,884	U
				-----		-----		-----	
	Total Trainer Aircraft			278,884				278,884	
Budget Activity 04: Other Aircraft									

Other Aircraft									
23	KC-130J	A		(3,000)				(3,000)	U
	Less: Advance Procurement (PY)								U
				-----		-----		-----	
				3,000				3,000	
24	KC-130J								
	Advance Procurement (CY)			22,995				22,995	U

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Department of the Navy
FY 2013 President's Budget
Exhibit P-1 FY 2013 President's Budget
Total Obligational Authority
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals Quantity	Cost	FY 2012 Base Quantity	Cost	FY 2012 OCO Quantity	Cost	FY 2012 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-----	----	-
25	RQ-4 UAV Advance Procurement (CY)										U
26	MQ-8 UAV	B	3	58,732	12	191,986			12	191,986	U
27	STUASLO UAV		60	28,200							U
	Total Other Aircraft			86,932		279,274				279,274	
Budget Activity 05: Modification of Aircraft											

Modification Of Aircraft											
28	EA-6 Series	A		12,634		27,734				27,734	U
29	AEA Systems			29,601		31,765	45,600			77,365	U
30	AV-8 Series	A		84,505		29,162	53,485			82,647	U
31	Adversary	A									U
32	F-18 Series	A		482,020		425,167	46,992			472,159	U
33	H-46 Series	A		17,445		24,612				24,612	U
34	AH-1W Series	A		55,399		15,828	37,918			53,746	U
35	H-53 Series	A		59,945		60,320	63,747			124,067	U
36	SH-60 Series	A		83,655		83,394				83,394	U
37	H-1 Series	A		5,377		8,412				8,412	U
38	EP-3 Series	A		85,907		73,681	20,800			94,481	U
39	P-3 Series	A		191,662		170,466				170,466	U
40	E-2 Series	A		66,557		29,215				29,215	U
41	Trainer A/C Series	A		19,462		18,790				18,790	U

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 Base Quantity	Cost	FY 2013 OCO Quantity	Cost	FY 2013 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
25	RQ-4 UAV Advance Procurement (CY)			51,124				51,124	U
26	MQ-8 UAV	B	6	124,573			6	124,573	U
27	STUASLO UAV		5	9,593			5	9,593	U
				-----		-----		-----	
	Total Other Aircraft			211,285				211,285	

Budget Activity 05: Modification of Aircraft

Modification Of Aircraft

28	EA-6 Series	A		30,062				30,062	U
29	AEA Systems			49,999				49,999	U
30	AV-8 Series	A		38,703		42,238		80,941	U
31	Adversary	A		4,289				4,289	U
32	F-18 Series	A		647,306		41,243		688,549	U
33	H-46 Series	A		2,343				2,343	U
34	AH-1W Series	A		8,721				8,721	U
35	H-53 Series	A		45,567		15,870		61,437	U
36	SH-60 Series	A		83,527				83,527	U
37	H-1 Series	A		6,508				6,508	U
38	EP-3 Series	A		66,374		13,030		79,404	U
39	P-3 Series	A		148,405				148,405	U
40	E-2 Series	A		16,322				16,322	U
41	Trainer A/C Series	A		34,284				34,284	U

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Department of the Navy
FY 2013 President's Budget
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Total Obligational Authority
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals Quantity Cost	FY 2012 Base Quantity Cost	FY 2012 OCO Quantity Cost	FY 2012 Total Quantity Cost	S e c
----	-----	-----	-----	-----	-----	-----	-
42	C-2A	A	15,912	16,302		16,302	U
43	C-130 Series	A	17,672	27,139	44,225	71,364	U
44	FEWSG	A	16,601	1,773		1,773	U
45	Cargo/Transport A/C Series	A	16,000	16,463	18,280	34,743	U
46	E-6 Series	A	128,895	148,053		148,053	U
47	Executive Helicopters Series	A	43,195	77,511		77,511	U
48	Special Project Aircraft	A	20,695	11,048	11,184	22,232	U
49	T-45 Series	A	50,303	45,179		45,179	U
50	Power Plant Changes	A	22,950	21,847		21,847	U
51	JPATS Series	A	1,821	524		524	U
52	Aviation Life Support Mods	A	2,967	1,069		1,069	U
53	Common ECM Equipment	A	52,842	63,772	24,200	87,972	U
54	Common Avionics Changes	A	93,464	136,293	11,467	147,760	U
55	Common Defensive Weapon System	A	10,500		3,300	3,300	U
56	ID Systems	A	20,280	32,030		32,030	U
57	P-8 Series						U
58	MAGTF EW for Aviation	A	2,600	489		489	U
59	RQ-7 Series		26,017				U
60	V-22 (Tilt/Rotor ACFT) Osprey	B	69,530	55,764	25,500	81,264	U
Total Modification of Aircraft			1,806,413	1,653,802	406,698	2,060,500	

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Department of the Navy
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 (Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 Base Quantity	Cost	FY 2013 OCO Quantity	Cost	FY 2013 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
42	C-2A	A		4,743				4,743	U
43	C-130 Series	A		60,302		16,737		77,039	U
44	FEWSG	A		670				670	U
45	Cargo/Transport A/C Series	A		26,311				26,311	U
46	E-6 Series	A		158,332				158,332	U
47	Executive Helicopters Series	A		58,163				58,163	U
48	Special Project Aircraft	A		12,421		2,714		15,135	U
49	T-45 Series	A		64,488				64,488	U
50	Power Plant Changes	A		21,569				21,569	U
51	JPATS Series	A		1,552				1,552	U
52	Aviation Life Support Mods	A		2,473				2,473	U
53	Common ECM Equipment	A		114,690				114,690	U
54	Common Avionics Changes	A		96,183		570		96,753	U
55	Common Defensive Weapon System	A							U
56	ID Systems	A		39,846				39,846	U
57	P-8 Series			5,302				5,302	U
58	MAGTF EW for Aviation	A		34,127				34,127	U
59	RQ-7 Series			49,324				49,324	U
60	V-22 (Tilt/Rotor ACFT) Osprey	B		95,856				95,856	U
				-----		-----		-----	
	Total Modification of Aircraft			2,028,762		132,402		2,161,164	

P-1C: FY 2013 President's Budget (Published Version), as of January 18, 2012 at 10:37:41

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Department of the Navy
FY 2013 President's Budget
Exhibit P-1 FY 2013 President's Budget
Total Obligational Authority
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals Quantity Cost	FY 2012 Base Quantity Cost	FY 2012 OCO Quantity Cost	FY 2012 Total Quantity Cost	S e c
----	-----	-----	-----	-----	-----	-----	-
Budget Activity 06: Aircraft Spares and Repair Parts							

Aircraft Spares And Repair Parts							
61	Spares And Repair Parts	A	1,335,506	1,163,294	34,462	1,197,756	U
			-----	-----	-----	-----	
Total Aircraft Spares and Repair Parts			1,335,506	1,163,294	34,462	1,197,756	
Budget Activity 07: Aircraft Support Equip & Facilities							

Aircraft Support Equip & Facilities							
62	Common Ground Equipment	A	320,222	363,685	10,800	374,485	U
63	Aircraft Industrial Facilities	A	17,895	22,358		22,358	U
64	War Consumables	A	25,104	27,300		27,300	U
65	Other Production Charges	A	7,536	10,124	4,100	14,224	U
66	Special Support Equipment	A	45,653	21,395		21,395	U
67	First Destination Transportation	A	2,090	1,719		1,719	U
68	Cancelled Account Adjustments	A	18				U
			-----	-----	-----	-----	
Total Aircraft Support Equip & Facilities			418,518	446,581	14,900	461,481	
			-----	-----	-----	-----	
Total Aircraft Procurement, Navy			17,242,298	17,675,734	480,935	18,156,669	

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Department of the Navy
FY 2013 President's Budget
Exhibit P-1 FY 2013 President's Budget
Total Obligational Authority
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 Base Quantity	Cost	FY 2013 OCO Quantity	Cost	FY 2013 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
Budget Activity 06: Aircraft Spares and Repair Parts									

Aircraft Spares And Repair Parts									
61	Spares And Repair Parts	A	1,166,430				1,166,430		U
			-----		-----		-----		
Total Aircraft Spares and Repair Parts			1,166,430				1,166,430		
Budget Activity 07: Aircraft Support Equip & Facilities									

Aircraft Support Equip & Facilities									
62	Common Ground Equipment	A	387,195		2,380		389,575		U
63	Aircraft Industrial Facilities	A	23,469				23,469		U
64	War Consumables	A	43,383				43,383		U
65	Other Production Charges	A	3,399				3,399		U
66	Special Support Equipment	A	32,274				32,274		U
67	First Destination Transportation	A	1,742				1,742		U
68	Cancelled Account Adjustments	A							U
			-----		-----		-----		
Total Aircraft Support Equip & Facilities			491,462		2,380		493,842		
			-----		-----		-----		
Total Aircraft Procurement, Navy			17,129,296		164,582		17,293,878		

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Navy • President's Budget Submission FY 2013 • Procurement

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2	01	01	0143C	EA-18G - Advanced Procurement.....	Volume 1 - 11
3	01	01	0145	FA-18E/F.....	Volume 1 - 15
4	01	01	0145C	FA-18E/F - Advanced Procurement.....	Volume 1 - 25
5	01	01	0147	Joint Strike Fighter CV.....	Volume 1 - 29
6	01	01	0147C	Joint Strike Fighter CV - Advanced Procurement.....	Volume 1 - 39
7	01	01	0152	JSF STOVL.....	Volume 1 - 43
8	01	01	0152C	JSF STOVL - Advanced Procurement.....	Volume 1 - 53
9	01	01	0164	V-22 (Medium Lift).....	Volume 1 - 57
10	01	01	0164C	V-22 (Medium Lift) - Advanced Procurement.....	Volume 1 - 65
11	01	01	0178	UH-1Y/AH-1Z.....	Volume 1 - 69
12	01	01	0178C	UH-1Y/AH-1Z - Advanced Procurement.....	Volume 1 - 85
13	01	01	0179	MH-60S (MYP).....	Volume 1 - 89
14	01	01	0179C	MH-60S (MYP) - Advanced Procurement.....	Volume 1 - 97
15	01	01	0182	MH-60R.....	Volume 1 - 101
16	01	01	0182C	MH-60R - Advanced Procurement.....	Volume 1 - 111

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Appropriation 1506N: Aircraft Procurement, Navy

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18	01	01	0193C	P-8A Poseidon - Advanced Procurement.....	Volume 1 - 123
19	01	01	0195	E-2D AHE.....	Volume 1 - 127
20	01	01	0195C	E-2D AHE - Advanced Procurement.....	Volume 1 - 135

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21	02	01	0246	C-40A.....	Volume 1 - 139

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
22	03	01	0339	JT Primary Acft Trnr Sys (JPATS).....	Volume 1 - 145

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Appropriation 1506N: Aircraft Procurement, Navy

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24	04	01	0416C	KC-130J - Advanced Procurement.....	Volume 1 - 161
25	04	01	0442C	RQ-4 UAV - Advanced Procurement.....	Volume 1 - 165
26	04	01	0443	MQ-8 UAV.....	Volume 1 - 169
27	04	01	0444	STUASLO.....	Volume 1 - 177

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29	05	01	0513	AEA Systems.....	Volume 2 - 33
30	05	01	0514	AV-8 Series.....	Volume 2 - 53
31	05	01	0522	Adversary.....	Volume 2 - 95
32	05	01	0525	F-18 Series.....	Volume 2 - 105
33	05	01	0526	H-46 Series.....	Volume 2 - 255

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36	05	01	0530	SH-60 Series.....	Volume 2 - 413
37	05	01	0532	H-1 Series.....	Volume 2 - 493
38	05	01	0537	EP-3 Series.....	Volume 2 - 537
39	05	01	0538	P-3 Series.....	Volume 2 - 565
40	05	01	0544	E-2 Series.....	Volume 2 - 643
41	05	01	0549	Trainer Acft Series.....	Volume 2 - 697
42	05	01	0556	C-2A.....	Volume 2 - 717
43	05	01	0560	C-130 Series.....	Volume 2 - 753
44	05	01	0561	Flt Elect Wrfr Supt Grp (FEWSG).....	Volume 2 - 791
45	05	01	0562	Cargo/Transport Acft Series.....	Volume 2 - 797
46	05	01	0564	E-6 Series.....	Volume 2 - 847
47	05	01	0566	Executive Helicopters Series.....	Volume 2 - 943
48	05	01	0567	Special Project Acft.....	Volume 2 - 1001
49	05	01	0569	T-45 Series.....	Volume 2 - 1013
50	05	01	0570	Power Plant Changes.....	Volume 2 - 1051
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53	05	01	0576	Common ECM Equipment.....	Volume 2 - 1095
54	05	01	0577	Common Avionics Changes.....	Volume 2 - 1147
55	05	01	0581	Common Defensive Weapon System.....	Volume 2 - 1231
56	05	01	0582	ID Sys	Volume 2 - 1251
57	05	01	0586	P-8 Series.....	Volume 2 - 1257
58	05	01	0587	MAGTF EW for Aviation.....	Volume 2 - 1269
59	05	01	0589	RQ-7 Series.....	Volume 2 - 1283
60	05	01	0590	V-22 (Tilt/Rotor Acft) Osprey.....	Volume 2 - 1291

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
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63	07	01	0715	Aircraft Industrial Facilities.....	Volume 4 - 63
64	07	01	0720	War Consumables.....	Volume 4 - 69
65	07	01	0725	Other Production Charges.....	Volume 4 - 79
66	07	01	0735	Special Support Equipment.....	Volume 4 - 83
67	07	01	0740	First Destination Transportation.....	Volume 4 - 85

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AV-8 Series	0514	30	05	01.....	Volume 2 - 53
Adversary	0522	31	05	01.....	Volume 2 - 95
Aircraft Industrial Facilities	0715	63	07	01.....	Volume 4 - 63
Aviation Life Support Mods	0575	52	05	01.....	Volume 2 - 1077
C-130 Series	0560	43	05	01.....	Volume 2 - 753
C-2A	0556	42	05	01.....	Volume 2 - 717
C-40A	0246	21	02	01.....	Volume 1 - 139
Cargo/Transport Acft Series	0562	45	05	01.....	Volume 2 - 797
Common Avionics Changes	0577	54	05	01.....	Volume 2 - 1147
Common Defensive Weapon System	0581	55	05	01.....	Volume 2 - 1231
Common ECM Equipment	0576	53	05	01.....	Volume 2 - 1095
Common Ground Equipment	0705	62	07	01.....	Volume 4 - 1
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E-2D AHE	0195	19	01	01.....	Volume 1 - 127
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EA-6 Series	0511	28	05	01.....	Volume 2 - 1
EP-3 Series	0537	38	05	01.....	Volume 2 - 537
Executive Helicopters Series	0566	47	05	01.....	Volume 2 - 943
F-18 Series	0525	32	05	01.....	Volume 2 - 105
FA-18E/F	0145	3	01	01.....	Volume 1 - 15
FA-18E/F - Advanced Procurement	0145C	4	01	01.....	Volume 1 - 25
First Destination Transportation	0740	67	07	01.....	Volume 4 - 85
Flt Elect Wrfr Supt Grp (FEWSG)	0561	44	05	01.....	Volume 2 - 791
H-1 Series	0532	37	05	01.....	Volume 2 - 493
H-46 Series	0526	33	05	01.....	Volume 2 - 255
H-53 Series	0528	35	05	01.....	Volume 2 - 325
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MAGTF EW for Aviation	0587	58	05	01.....	Volume 2 - 1269
MH-60R	0182	15	01	01.....	Volume 1 - 101
MH-60R - Advanced Procurement	0182C	16	01	01.....	Volume 1 - 111
MH-60S (MYP)	0179	13	01	01.....	Volume 1 - 89
MH-60S (MYP) - Advanced Procurement	0179C	14	01	01.....	Volume 1 - 97
MQ-8 UAV	0443	26	04	01.....	Volume 1 - 169
Other Production Charges	0725	65	07	01.....	Volume 4 - 79
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P-8A Poseidon - Advanced Procurement	0193C	18	01	01.....	Volume 1 - 123
Power Plant Changes	0570	50	05	01.....	Volume 2 - 1051
RQ-4 UAV - Advanced Procurement	0442C	25	04	01.....	Volume 1 - 165
RQ-7 Series	0589	59	05	01.....	Volume 2 - 1283
SH-60 Series	0530	36	05	01.....	Volume 2 - 413
STUASLO	0444	27	04	01.....	Volume 1 - 177
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T-45 Series	0569	49	05	01.....	Volume 2 - 1013
Trainer Acft Series	0549	41	05	01.....	Volume 2 - 697
UH-1Y/AH-1Z	0178	11	01	01.....	Volume 1 - 69
UH-1Y/AH-1Z - Advanced Procurement	0178C	12	01	01.....	Volume 1 - 85
V-22 (Medium Lift)	0164	9	01	01.....	Volume 1 - 57
V-22 (Medium Lift) - Advanced Procurement	0164C	10	01	01.....	Volume 1 - 65
V-22 (Tilt/Rotor Acft) Osprey	0590	60	05	01.....	Volume 2 - 1291
War Consumables	0720	64	07	01.....	Volume 4 - 69

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63	07	01	0715	Aircraft Industrial Facilities.....	Volume 4 - 63
64	07	01	0720	War Consumables.....	Volume 4 - 69
65	07	01	0725	Other Production Charges.....	Volume 4 - 79
66	07	01	0735	Special Support Equipment.....	Volume 4 - 83
67	07	01	0740	First Destination Transportation.....	Volume 4 - 85

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Navy • President's Budget Submission FY 2013 • Procurement

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Common Ground Equipment	0705	62	07	01.....	Volume 4 - 1
First Destination Transportation	0740	67	07	01.....	Volume 4 - 85
Other Production Charges	0725	65	07	01.....	Volume 4 - 79
Special Support Equipment	0735	66	07	01.....	Volume 4 - 83
War Consumables	0720	64	07	01.....	Volume 4 - 69

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA
1 : Aircraft Support Equip & Facilities

P-1 Line Item Nomenclature:
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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	989.568	320.222	374.485	387.195	2.380	389.575	392.388	438.020	399.451	444.017	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	989.568	320.222	374.485	387.195	2.380	389.575	392.388	438.020	399.451	444.017	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	989.568	320.222	374.485	387.195	2.380	389.575	392.388	438.020	399.451	444.017	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

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 (CASS), 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.

FY2012 Other Contingency Operations: Funding the MALS-29/39 and HMLA-567/469 to support the increased requirement of Individual Material Readiness List (IMRL) allowances based on the new squadron and additional aircraft added to MALS-29/39 employments.

FY2013 Other Contingency Operations: Funding the MALS-24 and HMH-463 funding to support the increased requirement of Individual Material Readiness List (IMRL) allowances based on the new squadron and additional aircraft added to MALS-24 employments.

[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 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

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 based on fleet priorities. This budget requests funds for the procurement of TPSs to offload support from existing obsolete ATE to CASS and RTCASS, as well as support of GFE requirements including Units Under Test (UUT) and CASS stations at CASS 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.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities		P-1 Line Item Nomenclature: 0705 - Common Ground Equipment
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
<p>FY13 provides funding to procure multiple weapon system CASS Operational Test Program Sets (OTPS's) and the migration of these OTPS's to RTCASS. In addition, procures common ATE (Pinpoint & Protrack) and their associated test routines supporting multiple weapons systems.</p> <p>[P40A / 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.</p> <p>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.</p> <p>FY13 provides funding to procure: : Vibration Analyzer, A/S32P-25A Fire Truck CILOP, Next Generation Software Loader, Video Borescope, Tow Tractor Heavy, Air Conditioner Ship Shore, Shipboard Tractor, Large Capacity MEPP, EW Signal Generator, and associated support cost.</p> <p>[P40A / 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.</p> <p>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.</p> <p>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.</p> <p>[P40A / CONSOLIDATED AUTOMATED SUPPORT SYSTEM]: Program Coverage: The Consolidated Automated Support System (CASS) program is chartered to replace the Navy's inventory of 30+ different types of computer-based Automatic Test Equipment (ATE) with a single modern, cost effective COTS/NDI-based ATE system, and has been designated as the Navy's Standard Family of ATE. There are five configurations of CASS 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], Communications Navigation IFF (CNI), Electro-Optics (EO3) [tests FLIRs and LASERs] and Reconfigurable Transportable (RTCASS) [a man-transportable version of RF CASS]. CASS supports intermediate and depot level repair of aircraft, ship, submarine and other weapon system electronics. CASS 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), designated an ACAT IVM program, is the next generation ATE system and will replace CASS Hybrid and RF configurations beginning in 2016.</p> <p>Justification: CASS replaces older, legacy ATE systems that have become obsolete (parts are no longer available) and too expensive to maintain. CASS reduces afloat CV/CVN ATE manning from 104 to 54 billets and reduces the size of the AVCAL (spare parts) from 30,000 to 3,500. CASS also reduces technician Naval Enlisted Classifications (NECs) types, along with their training courses, from 32 to only 5. Each CV will deploy with 18 - 20 CASS stations and each LHD/LHA will deploy with 2 stations. CASS is utilized at Aircraft Intermediate Maintenance Departments (AIMDs) afloat and ashore, at USMC Marine Aviation Logistics Squadrons (MALs), and at Navy Fleet Readiness Centers (FRCs). RTCASS supports USMC V-22 and fixed wing aircraft.</p> <p>Current and budget year requirements are needed for CASS support of new and transitioning weapon systems. New Requirements: F/A-18E/F/G (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 air aircraft.</p> <p>In addition to production costs for RTCASS and eCASS, program costs include: (1) incorporation of Class I ECPs to permit systematic insertion of new technology to meet requirements of new weapon system avionics such as inertial navigation capabilities, (2) incorporation of test technologies required to offload Test Program Sets (TPSs) from legacy ATE, (3) efforts to ameliorate obsolescence and improve system</p>		

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities		P-1 Line Item Nomenclature: 0705 - Common Ground Equipment
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
reliability, maintainability and supportability, (4) rehosting existing TPSs to leverage increased capabilities of new software technology, (5) providing support of CASS installations at fleet sites afloat and ashore, (6) maintaining items contractually required to be provided to contractors as Government Furnished Equipment, (7) maintaining supporting equipment used at CASS laboratory and testing facilities, and (8) providing ancillary equipment necessary for functionality of CASS.		
FY13 provides funding to procure (18) eCASS LRIPs.		
[P40A / MOBILE MAINTENANCE FACILITIES]: Program Description: Mobile Facilities (MFs) budgeted in this sub-line consist of basic equipment: '8X8'X20' shelters, as well as initial outfitting of shelters currently in inventory, Modular Rigid Wall Shelters, Environmental Control Units, and Mobile Tactical Quiet Generators. Also, Static Mobile Frequency Converters (upgrade of the Frequency Converter), Power Distribution Boxes, Resistive Load Banks, power cables, stacking blocks, scaffolds, lashes, buckles, complexing/decomplexing tools and associated publications and manuals. The Naval Air Systems Comand (NAVAIR) acts as the Primary Inventory Control Activity (PICA) for multi-service procurement of NAVAIR MFs and related ancillary equipment.		
Program Coverage: The requirement for this equipment is directed toward fulfilling Navy and Marine Corps Aviation requirements as well as other NAVAIR Program support. The basic concept is to 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, the MFs provide the Navy and Marine Corp with a quick response stand-alone capability to meet worldwide operational commitments. Economically, the MFs eliminate the need for "brick & mortar" construction, and allows for world wide transportability.		
Justification: This sub-line will meet the ultimate goal of housing all Marine Corps Aviation and Air Traffic Control intermediate-level logistics support in MFs in accordance with the Table of Basic Allowance for Fleet Marine Forces Aviation Units and fulfill specific Navy Aviation mobile logistics requirements as outlined in individual Weapon System Planning Documents (WSPDs).		
[P40A / 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 Maintenance Computer Based Training 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 Program enables proficiency at visual aircraft recoveries while at sea, through the use of an aircraft carrier landing area trainer. The Naval Aviation Survival Training 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.		
[P40A / 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 F/A-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		

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy	Date: February 2012
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Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities	P-1 Line Item Nomenclature: 0705 - Common Ground Equipment
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ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:	Other Related Program Elements:
(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.		

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AUTOMATIC TEST EQUIPMENT (See enclosed P-40A)	P40A				205.297			32.476			29.594			33.829			0.000			33.829
A/C COMMON SUPPORT EQUIPMENT (See enclosed P-40A)	P40A, P5A, P21				245.575			86.126			72.311			67.944			0.000			67.944
ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT (See enclosed P-40A)	P40A				9.031			22.733			30.568			22.862			2.380			25.242
CONSOLIDATED AUTOMATED SUPPORT SYSTEM (See enclosed P-40A)	P40A, P5A, P21				407.102			35.007			75.614			93.186			0.000			93.186
MOBILE MAINTENANCE FACILITIES (See enclosed P-40A)	P40A, P5A				71.575			6.824			14.212			7.003			0.000			7.003
GENERAL SKILLS TRAINING (See enclosed P-40A)	P40A, P5A				3.270			23.448			21.599			9.598			0.000			9.598
TOPSCENE (See enclosed P-40A)	P40A, P5A				0.000			1.721			1.746			1.767			0.000			1.767
OTHER FLIGHT TRAINING (See enclosed P-40A)	P40A, P5A, P21				47.718			111.887			128.841			151.006			0.000			151.006
Total Gross/Weapon System Cost					989.568			320.222			374.485			387.195			2.380			389.575

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

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: AUTOMATIC TEST EQUIPMENT					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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	-	-	137.963	-	-	22.498	-	-	19.246	-	-	24.434	-	-	-	-	-	24.434
Subtotal 1) Hardware				137.963			22.498			19.246			24.434			0.000			24.434
2) Non-Recurring																			
2.1) TPS Transition to CASS	A	-	-	1.453	-	-	1.050	-	-	1.114	-	-	1.106	-	-	-	-	-	1.106
Subtotal 2) Non-Recurring				1.453			1.050			1.114			1.106			0.000			1.106
3) ILS																			
3.1) TPS Transition to CASS	A	-	-	12.855	-	-	2.928	-	-	3.087	-	-	2.777	-	-	-	-	-	2.777
Subtotal 3) ILS				12.855			2.928			3.087			2.777			0.000			2.777
4) Production Engineering																			
4.1) TPS Transition to CASS	A	-	-	53.026	-	-	6.000	-	-	6.147	-	-	5.512	-	-	-	-	-	5.512
Subtotal 4) Production Engineering				53.026			6.000			6.147			5.512			0.000			5.512
Total				205.297			32.476			29.594			33.829			0.000			33.829
Remarks:																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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	B	-	-	-	-	-	-	150,000.00	5	0.750	-	-	-	-	-	-	-	-	-
† 1.2) Vibration - Vibration Analyzer	B	-	-	-	45,000.00	10	0.450	-	-	-	45,000.00	50	2.250	-	-	-	45,000.00	50	2.250
† 1.3) Corrosion - Agitated Solvents Parts Washer	A	-	-	0.973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.4) A/C Wiring - Optical Fiber Test Set	B	-	-	0.470	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.5) A/C Wiring - Aircraft Wiring Test Set O/I Level	A	-	-	3.324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.6) Shipboard Fire Trucks - A/ S32-P-25A Fire Truck CILOP	B	-	-	-	145,813.00	16	2.333	154,813.00	16	2.477	164,000.00	25	4.100	-	-	-	164,000.00	25	4.100
† 1.7) COMM/ NAV I/D - TACAN I Level Test Set	B	-	-	5.974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.8) COMM/NAV I/D - R/F COMM/ NAV Test Set	A	-	-	13.868	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.9) COMM/ NAV I/D - 482 Replacement	A	-	-	5.073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.10) S/W Loader - Next Generation Software Loader	B	-	-	0.225	25,000.00	120	3.000	25,000.00	125	3.125	25,000.00	125	3.125	-	-	-	25,000.00	125	3.125
† 1.11) NDI - Digital Radiography ⁽¹⁾	A	-	-	5.563	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.12) NDI - Video Borescope	B	-	-	0.480	15,000.00	200	3.000	15,049.00	103	1.550	15,000.00	200	3.000	-	-	-	15,000.00	200	3.000
† 1.13) NDI - Ultrasonic Flaw Detector	A	-	-	2.217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.14) NDI - Borescope, Defect Measure	B	-	-	0.400	-	-	-	15,000.00	90	1.350	-	-	-	-	-	-	-	-	-
† 1.15) Cryogenics - Portable Oxygen Regulator T/S (PORTS)	A	-	-	6.983	101,048.00	21	2.122	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
† 1.16) Cyrogenics - Containment Pur/ Moisture	A	-	-	3.987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.17) Hydraulics - Hydraulic Power Supply (Electric)	A	-	-	13.069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.18) Hydraulics - Hydraulic Test Stand I Level	B	-	-	-	-	-	-	500,000.00	3	1.500	-	-	-	-	-	-	-	-	-
1.19) Hydraulics - Power supply, Hydraulic Diesel	A	-	-	31.608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.20) Hydraulics - Particle Counter	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.21) Propulsion - Turbo Prop Engine Test Instrumentation (TPETI)	B	-	-	-	1,100K	7	7.700	1,100K	4	4.400	-	-	-	-	-	-	-	-	-
† 1.22) Propulsion - Shaft Engine Test Instrumentation (SETI)	A	-	-	25.186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.23) Platform Support - Tow Tractor, Heavy	A	-	-	6.639	161,200.00	119	19.183	169,700.00	19	3.224	-	-	-	-	-	-	-	-	-
† 1.24) Platform Support - Shipboard, Helo Handler	B	-	-	0.950	-	-	-	178,230.00	35	6.238	-	-	-	-	-	-	-	-	-
† 1.25) Platform Support - Air Conditioner Ship Shore	B	-	-	1.360	-	-	-	109,233.00	73	7.974	133,000.00	61	8.113	-	-	-	133,000.00	61	8.113
1.26) Platform Support - Mid SE Landbase Tow Tractor	A	-	-	46.009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.27) Platform Support - Crane Wheel	A	-	-	23.392	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.28) Platform Support - SD2 Replacement	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.29) Platform Support - Shipboard, Tractor	B	-	-	0.500	-	-	-	117,711.00	45	5.297	117,709.00	55	6.474	-	-	-	117,709.00	55	6.474

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
† 1.30) Platform Support - Diesel/ Electric Air Conditioner	A	-	-	20.779	181,450.00	40	7.258	-	-	-	-	-	-	-	-	-	-	-	-
† 1.31) Electrical - Large Capacity MEPP	B	-	-	0.500	83,800.00	5	0.419	-	-	-	66,000.00	160	10.560	-	-	-	66,000.00	160	10.560
1.32) Electrical - Small Capacity MEPP	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.33) Electrical - MMG 1A Replacement	A	-	-	25.796	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.34) Electrical - JSECST Upgrade	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.35) Electronic Warfare - EW Signal Generator	B	-	-	0.250	-	-	-	61,000.00	9	0.549	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) Hardware</i>				245.575			45.465			38.434			37.622			0.000			37.622
2) Non Recurring																			
2.1) Weapons Control	A	-	-	-	-	-	-	-	-	2.000	-	-	1.000	-	-	-	-	-	1.000
2.2) Vibration	A	-	-	-	-	-	1.550	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Corrosion	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) Aircraft Wiring	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Shipboard Fire Trucks	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) COMM/NAV I/D	A	-	-	-	-	-	0.092	-	-	-	-	-	-	-	-	-	-	-	-
2.7) Software Load	A	-	-	-	-	-	1.900	-	-	-	-	-	-	-	-	-	-	-	-
2.8) Non Destruct Inspection (NDI)	A	-	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-
2.9) Cryogenics	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.10) Hydraulics	A	-	-	-	-	-	-	-	-	2.200	-	-	-	-	-	-	-	-	-
2.11) Propulsion	A	-	-	-	-	-	2.664	-	-	-	-	-	-	-	-	-	-	-	-
2.12) Platform Support	A	-	-	-	-	-	1.258	-	-	-	-	-	-	-	-	-	-	-	-
2.13) Electrical	A	-	-	-	-	-	1.163	-	-	-	-	-	1.365	-	-	-	-	-	1.365
2.14) Electronic Warfare	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) Non Recurring</i>				0.000			8.644			4.200			2.365			0.000			2.365
3) ILS																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
3.1) Weapons Control	A	-	-	-	-	-	0.282	-	-	0.263	-	-	0.268	-	-	-	-	-	0.268
3.2) Vibration	A	-	-	-	-	-	0.160	-	-	0.150	-	-	0.095	-	-	-	-	-	0.095
3.3) Corrosion	A	-	-	-	-	-	0.064	-	-	0.060	-	-	0.061	-	-	-	-	-	0.061
3.4) Aircraft Wiring	A	-	-	-	-	-	0.138	-	-	0.130	-	-	0.133	-	-	-	-	-	0.133
3.5) Shipboard Fire Trucks	A	-	-	-	-	-	0.142	-	-	0.133	-	-	0.140	-	-	-	-	-	0.140
3.6) COMM/NAV I/D	A	-	-	-	-	-	0.133	-	-	0.125	-	-	0.185	-	-	-	-	-	0.185
3.7) Software Load	A	-	-	-	-	-	0.087	-	-	0.082	-	-	0.083	-	-	-	-	-	0.083
3.8) Non Destruct Inspection (NDI)	A	-	-	-	-	-	0.544	-	-	0.510	-	-	0.486	-	-	-	-	-	0.486
3.9) Cryogenics	A	-	-	-	-	-	0.242	-	-	0.228	-	-	0.232	-	-	-	-	-	0.232
3.10) Hydraulics	A	-	-	-	-	-	0.137	-	-	0.129	-	-	0.131	-	-	-	-	-	0.131
3.11) Propulsion	A	-	-	-	-	-	0.657	-	-	0.618	-	-	0.580	-	-	-	-	-	0.580
3.12) Platform Support	A	-	-	-	-	-	1.139	-	-	1.070	-	-	1.009	-	-	-	-	-	1.009
3.13) Electrical	A	-	-	-	-	-	0.490	-	-	0.460	-	-	0.427	-	-	-	-	-	0.427
3.14) Electronic Warfare	A	-	-	-	-	-	0.152	-	-	0.116	-	-	0.096	-	-	-	-	-	0.096
Subtotal 3) ILS				0.000			4.367			4.074			3.926			0.000			3.926
4) Production Engineering Support																			
4.1) Weapons Control	A	-	-	-	-	-	1.389	-	-	1.442	-	-	1.415	-	-	-	-	-	1.415
4.2) Vibration	A	-	-	-	-	-	0.666	-	-	0.630	-	-	0.618	-	-	-	-	-	0.618
4.3) Corrosion	A	-	-	-	-	-	0.301	-	-	0.113	-	-	0.111	-	-	-	-	-	0.111
4.4) Aircraft Wiring	A	-	-	-	-	-	0.817	-	-	0.687	-	-	0.678	-	-	-	-	-	0.678
4.5) Shipboard Fire Trucks	A	-	-	-	-	-	0.951	-	-	0.954	-	-	1.109	-	-	-	-	-	1.109
4.6) COMM/NAV I/D	A	-	-	-	-	-	1.565	-	-	1.295	-	-	1.271	-	-	-	-	-	1.271
4.7) Software Load	A	-	-	-	-	-	0.710	-	-	0.788	-	-	0.773	-	-	-	-	-	0.773
4.8) Non Destruct Inspection (NDI)	A	-	-	-	-	-	1.766	-	-	1.861	-	-	1.669	-	-	-	-	-	1.669
4.9) Cryogenics	A	-	-	-	-	-	1.537	-	-	1.708	-	-	1.674	-	-	-	-	-	1.674
4.10) Hydraulics	A	-	-	-	-	-	1.136	-	-	0.975	-	-	0.952	-	-	-	-	-	0.952
4.11) Propulsion	A	-	-	-	-	-	3.026	-	-	3.265	-	-	3.305	-	-	-	-	-	3.305
4.12) Platform Support	A	-	-	-	-	-	3.752	-	-	4.072	-	-	3.877	-	-	-	-	-	3.877

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT				

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
4.13) Electrical	A	-	-	-	-	-	1.207	-	-	1.238	-	-	1.211	-	-	-	-	-	1.211
4.14) Electronic Warfare	A	-	-	-	-	-	1.510	-	-	1.575	-	-	1.233	-	-	-	-	-	1.233
<i>Subtotal 4) Production Engineering Support</i>				0.000			20.333			20.603			19.896			0.000			19.896
5) Installations																			
5.1) Non FMP Installations	A	-	-	-	-	-	4.784	-	-	3.063	-	-	2.701	-	-	-	-	-	2.701
5.2) FMP Installations	A	-	-	-	-	-	2.533	-	-	1.937	-	-	1.434	-	-	-	-	-	1.434
<i>Subtotal 5) Installations</i>				0.000			7.317			5.000			4.135			0.000			4.135
Total				245.575			86.126			72.311			67.944			0.000			67.944

Remarks:

(1)Non-Destruct Inspection (NDI)

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Hardware												
1.1) Weapons Control - Crafts Replacement		2012	TBD / TBD	C / FFP	NAWCAD LKE	Mar 2012	Nov 2012	5	150,000.00	Y		Sep 2011
1.2) Vibration - Vibration Analyzer		2011	Naval Undersea Warfare Center / KEYPORT,WA	PO	NAWCAD LKE	Aug 2011	Sep 2012	10	45,000.00	Y		
1.2) Vibration - Vibration Analyzer		2013	Naval Undersea Warfare Center / KEYPORT,WA	PO	NAWCAD LKE	Mar 2013	Nov 2013	50	45,000.00	Y		
1.3) Corrosion - Agitated Solvents Parts Washer		2008	CLARUS TECHNOLOGIES, LLC / BELLINGHAM, WA	C / FFP	NAWCAD LKE	Jun 2010	Oct 2010	87	10,322.00	Y		Apr 2008
1.4) A/C Wiring - Optical Fiber Test Set		2009	CLEARALIGN / EAGLEVILLE, PA	SS / FFP	NAWCAD LKE	Mar 2011	Jul 2011	2	27,000.00	Y		May 2010
1.5) A/C Wiring - Aircraft Wiring Test Set O/I Level		2008	ECLYPSE INTERNATIONAL COPR. / CA	C / FFP	NAWCAD LKE	Apr 2010	Dec 2010	32	52,400.00	Y		Oct 2007
1.5) A/C Wiring - Aircraft Wiring Test Set O/I Level		2009	ECLYPSE INTERNATIONAL COPR. / CA	C / FFP	NAWCAD LKE	Apr 2010	Jun 2011	22	52,400.00	Y		Oct 2007
1.6) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CILOP		2011	ENTWISTLE COMPANY / HUDSON, MA	SS / FFP	NAWCAD LKE	Feb 2012	Aug 2012	16	145,813.00	Y		Jun 2009
1.6) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CILOP		2012	ENTWISTLE COMPANY / HUDSON, MA	SS / FFP	NAWCAD LKE	Apr 2012	Aug 2013	16	154,813.00	Y		Jun 2009
1.6) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CILOP		2013	ENTWISTLE COMPANY / HUDSON, MA	SS / FFP	NAWCAD LKE	Dec 2012	Aug 2014	25	164,000.00	Y		Jun 2009
1.7) COMM/NAV I/D - TACAN I Level Test Set		2008	TEL-INSTRUMENT / CARLSTADT, NJ	C / FFP	NAWCAD LKE	Jun 2010	Mar 2011	50	51,420.00	Y		Aug 2006
1.7) COMM/NAV I/D - TACAN I Level Test Set		2009	TEL-INSTRUMENT / CARLSTADT, NJ	C / FFP	NAWCAD LKE	Jun 2010	Dec 2011	51	52,375.00	Y		Aug 2006
†1.8) COMM/NAV I/D - R/F COMM/ NAV Test Set		2009	TEL-INSTRUMENT / CARLSTADT, NJ	C / FFP	NAWCAD LKE	Apr 2011	Oct 2011	188	19,900.00	Y		Jun 2004
†1.8) COMM/NAV I/D - R/F COMM/ NAV Test Set		2010	TEL-INSTRUMENT / CARLSTADT, NJ	C / FFP	NAWCAD LKE	Apr 2011	Jan 2012	544	20,580.00	Y		Jun 2004
1.10) S/W Loader - Next Generation Software Loader		2008	HILL, AFB / UT	MIPR	AIRFORCE	May 2009	Dec 2009	5	20,000.00	Y		
1.10) S/W Loader - Next Generation Software Loader		2010	HILL, AFB / UT	MIPR	AIRFORCE	Mar 2010	Mar 2011	5	25,000.00	Y		
1.10) S/W Loader - Next Generation Software Loader		2011	HILL, AFB / UT	MIPR	AIRFORCE	Jun 2011	May 2012	120	25,000.00	Y		
1.10) S/W Loader - Next Generation Software Loader		2012	HILL, AFB / UT	MIPR	AIRFORCE	Mar 2012	Oct 2012	125	25,000.00	Y		
1.10) S/W Loader - Next Generation Software Loader		2013	HILL, AFB / UT	MIPR	AIRFORCE	Mar 2013	Oct 2013	125	25,000.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment						Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT		
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.11) NDI - Digital Radiography		2008	VIRTUAL MEDIA INGRATION (VMI) / FL	C / FFP	NAWCAD LKE	Jun 2010	Dec 2010	30	78,900.00	Y		Sep 2009
1.11) NDI - Digital Radiography		2009	VIRTUAL MEDIA INGRATION (VMI) / FL	C / FFP	NAWCAD LKE	Jun 2010	Jun 2011	40	74,900.00	Y		Sep 2009
1.12) NDI - Video Borescope		2008	GENERAL INSPECTIONS LTD / SKANEATELES, NY	C / FFP	NAWCAD LKE	Oct 2009	Nov 2010	20	24,000.00	Y		Dec 2008
1.12) NDI - Video Borescope		2011	GENERAL INSPECTIONS LTD / SKANEATELES, NY	C / FFP	NAWCAD LKE	Feb 2012	Aug 2012	200	15,000.00	Y		Dec 2008
1.12) NDI - Video Borescope		2012	GENERAL INSPECTIONS LTD / SKANEATELES, NY	C / FFP	NAWCAD LKE	Feb 2012	Mar 2013	103	15,049.00	Y		Dec 2008
1.12) NDI - Video Borescope		2013	GENERAL INSPECTIONS LTD / SKANEATELES, NY	C / FFP	NAWCAD LKE	Nov 2012	May 2013	200	15,000.00	Y		Dec 2008
1.13) NDI - Ultrasonic Flaw Detector		2008	OLYMPUS / WATHEN, MA	C / FFP	NAWCAD LKE	May 2010	Oct 2010	150	15,049.00	Y		Dec 2007
1.13) NDI - Ultrasonic Flaw Detector		2009	OLYMPUS / WATHEN, MA	C / FFP	NAWCAD LKE	May 2010	Nov 2011	110	8,560.00	Y		Dec 2007
1.14) NDI - Borescope, Defect Measure		2008	GENERAL INSPECTIONS LTD / SKANEATELES, NY	C / FFP	NAWCAD LKE	Oct 2009	Nov 2010	10	40,000.00	Y		Dec 2008
1.14) NDI - Borescope, Defect Measure		2012	GENERAL INSPECTIONS LTD / SKANEATELES, NY	C / FFP	NAWCAD LKE	Feb 2012	Aug 2012	90	15,000.00	Y		Dec 2008
1.15) Cryogenics - Portable Oxygen Regulator T/S (PORTS)		2009	AEROSPACE CONTROL PRODUCTS / DAVENPORT, IA	C / FFP	NAWCAD LKE	Jul 2009	Feb 2010	38	93,200.00	Y		Aug 2007
1.15) Cryogenics - Portable Oxygen Regulator T/S (PORTS)		2010	AEROSPACE CONTROL PRODUCTS / DAVENPORT, IA	C / FFP	NAWCAD LKE	Nov 2009	Feb 2011	35	92,600.00	Y		Aug 2007
1.15) Cryogenics - Portable Oxygen Regulator T/S (PORTS)		2011	AEROSPACE CONTROL PRODUCTS / DAVENPORT, IA	C / FFP	NAWCAD LKE	Nov 2010	Feb 2012	21	101,048.00	Y		Aug 2007
1.16) Cyrogenics - Containment Pur/ Moisture		2008	EPSILON SYSTEMS SOLUTIONS, INC. / SAN DIEGO, CA	C / FFP	NAWCAD LKE	Mar 2008	Sep 2008	22	64,400.00	Y		Dec 2007
1.16) Cyrogenics - Containment Pur/ Moisture		2009	EPSILON SYSTEMS SOLUTIONS, INC. / SAN DIEGO, CA	C / FFP	NAWCAD LKE	Nov 2008	Apr 2009	21	64,286.00	Y		Dec 2007
1.18) Hydraulics - Hydraulic Test Stand I Level		2012	TBD / TBD	C / FFP	NAWCAD LKE	Apr 2012	Feb 2013	3	500,000.00	Y		Aug 2011
†1.21) Propulsion - Turbo Prop Engine Test Instrumentation (TPETI)		2011	EADS / IRVINE, CA	C / FFP	NAWCAD LKE	Sep 2011	Jun 2012	7	1,100,000.00	Y		Jan 2011
†1.21) Propulsion - Turbo Prop Engine Test Instrumentation (TPETI)		2012	EADS / IRVINE, CA	C / FFP	NAWCAD LKE	Mar 2012	Jan 2013	4	1,100,000.00	Y		Jan 2011
1.22) Propulsion - Shaft Engine Test Instrumentation (SETI)		2007	EADS / IRVINE, CA	C / FFP	NAWCAD LKE	Dec 2008	Dec 2009	2	1,450,000.00	Y		Jan 2008
1.22) Propulsion - Shaft Engine Test Instrumentation (SETI)		2008	EADS / IRVINE, CA	C / FFP	NAWCAD LKE	Dec 2008	Feb 2010	8	1,412,000.00	Y		Jan 2008

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.22) Propulsion - Shaft Engine Test Instrumentation (SETI)		2009	EADS / IRVINE, CA	C / FFP	NAWCAD LKE	Dec 2008	Oct 2010	11	1,416,900.00	Y		Jan 2008
†1.23) Platform Support - Tow Tractor, Heavy		2010	TLD AMERICA / WINSOR, CT	C / FFP	NAWCAD LKE	Nov 2011	Dec 2012	35	169,700.00	Y		Jul 2008
†1.23) Platform Support - Tow Tractor, Heavy		2011	TLD AMERICA / WINSOR, CT	C / FFP	NAWCAD LKE	Jun 2011	Jan 2012	119	161,200.00	Y		Jul 2008
†1.23) Platform Support - Tow Tractor, Heavy		2012	TLD AMERICA / WINSOR, CT	C / FFP	NAWCAD LKE	Nov 2011	Apr 2013	19	169,700.00	Y		Jul 2008
1.24) Platform Support - Shipboard, Helo Handler		2012	DOUGLAS EQUIPMENT, LTD / ENGLAND	C / TBD	NAWCAD LKE	Oct 2012	Apr 2013	35	178,230.00	Y		May 2008
†1.25) Platform Support - Air Conditioner Ship Shore		2010	DRS TECHNOLOGIES / FLORENCE, KY	C / FFP	NAWCAD LKE	Sep 2010	May 2011	8	170,000.00	Y		Dec 2009
†1.25) Platform Support - Air Conditioner Ship Shore		2012	DRS TECHNOLOGIES / FLORENCE, KY	C / FFP	NAWCAD LKE	Jul 2012	Jan 2013	73	109,233.00	Y		Dec 2009
†1.25) Platform Support - Air Conditioner Ship Shore		2013	DRS TECHNOLOGIES / FLORENCE, KY	C / FFP	NAWCAD LKE	Nov 2012	Dec 2013	61	133,000.00	Y		Dec 2009
†1.27) Platform Support - Crane Wheel		2008	TEREX / WAVERLY, IA	C / FFP	NAWCAD LKE	Sep 2008	Jan 2010	20	324,000.00	Y		Mar 2006
†1.27) Platform Support - Crane Wheel		2009	TEREX CORP / WAVERLY, IA	C / FFP	NAWCAD LKE	Aug 2009	Nov 2010	20	334,700.00	Y		Mar 2006
†1.27) Platform Support - Crane Wheel		2010	TEREX / WAVERLY, IA	C / FFP	NAWCAD LKE	Nov 2009	Sep 2011	27	355,259.00	Y		Mar 2006
†1.29) Platform Support - Shipboard, Tractor		2009	Schopf / Ostfildern, Germany	C / FFP	NAWCAD LKE	Jun 2010	Jun 2011	5	100,000.00	Y		Apr 2009
†1.29) Platform Support - Shipboard, Tractor		2012	Schopf / Ostfildern, Germany	C / FFP	NAWCAD LKE	Feb 2012	Sep 2012	45	117,711.00	Y		Apr 2009
†1.29) Platform Support - Shipboard, Tractor		2013	Schopf GmbH / Ostfildern, Germany	C / FFP	NAWCAD LKE	Nov 2012	Apr 2013	55	117,709.00	Y		Apr 2009
†1.30) Platform Support - Diesel/ Electric Air Conditioner		2009	JBT / OGDEN, UT	C / FFP	NAWCAD LKE	Sep 2009	May 2010	50	150,000.00	Y		Dec 2006
†1.30) Platform Support - Diesel/ Electric Air Conditioner		2010	JBT / OGDEN, UT	C / FFP	NAWCAD LKE	Nov 2009	May 2011	80	160,050.00	Y		Dec 2006
†1.30) Platform Support - Diesel/ Electric Air Conditioner		2011	JBT CORP / OGDEN, UT	C / FFP	NAWCAD LKE	Nov 2010	Apr 2012	40	181,450.00	Y		Dec 2006
†1.31) Electrical - Large Capacity MEPP		2011	Essex Electro Engineers, Inc / Schaumburg, IL	C / FFP	NAWCAD LKE	Apr 2011	Feb 2012	5	83,800.00	Y		Apr 2010
†1.31) Electrical - Large Capacity MEPP		2013	Essex Electro Engineers, Inc / Schaumburg, IL	C / FFP	NAWCAD LKE	Nov 2012	May 2013	160	66,000.00	Y		Apr 2010
†1.35) Electronic Warfare - EW Signal Generator		2007	Applied Geo Technologies, Inc / Choctaw, MS	SS / FFP	NAWCAD LKE	Jul 2008	Sep 2011	5	50,000.00	Y		Apr 2007
†1.35) Electronic Warfare - EW Signal Generator		2012	Applied Geo Technologies, Inc / Choctaw, MS	SS / FFP	NAWCAD LKE	Jul 2012	Sep 2013	9	61,000.00	Y		Apr 2007
Remarks:												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1										P-1 Line Item Nomenclature: 0705 - Common Ground Equipment										Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT																									
COST ELEMENTS Units in Each							Fiscal Year 2011										Fiscal Year 2012																												
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																												Calendar Year 2012										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P															
1) Hardware																																													
1.8) COMM/NAV I/D - R/F COMM/NAV Test Set																																													
	1	2009	NAVY	188	0	188	-	-	-	-	-	-	A -	-	-	-	-	-	50	50	50	38																							
	1	2010	NAVY	544	0	544	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	12	50	50	50	50	50	50	50	50	50	132													
1.21) Propulsion - Turbo Prop Engine Test Instrumentation (TPETI)																																													
	2	2011	NAVY	7	0	7	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	1	1	1	1	3													
	2	2012	NAVY	4	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	4													
1.23) Platform Support - Tow Tractor, Heavy																																													
	3	2010	NAVY	35	0	35	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	35													
	3	2011	NAVY	119	0	119	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	10	10	10	10	10	10	10	10	10	10	29													
	3	2012	NAVY	19	0	19	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	19													
1.25) Platform Support - Air Conditioner Ship Shore																																													
	4	2010	NAVY	8	0	8	-	-	-	-	-	-	-	8																															
	4	2012	NAVY	73	0	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	73													
	4	2013	NAVY	61	0	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61													
1.27) Platform Support - Crane Wheel																																													
	5	2008	NAVY	20	18	2	2																																						
	5	2010	NAVY	27	0	27	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	3	3	3														
	6	2009	NAVY	20	0	20	-	2	2	2	2	2	2	2	2	2																													
1.29) Platform Support - Shipboard, Tractor																																													
	7	2009	NAVY	5	0	5	-	-	-	-	-	-	-	5																															
	7	2012	NAVY	45	0	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	5	40													
	8	2013	NAVY	55	0	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55													
1.30) Platform Support - Diesel/Electric Air Conditioner																																													
	9	2009	NAVY	50	20	30	4	4	4	4	4	4	6																																
	9	2010	NAVY	80	0	80	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	7	7	7	3																				
	10	2011	NAVY	40	0	40	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	7	7	7	7	7																
1.31) Electrical - Large Capacity MEPP																																													
	11	2011	NAVY	5	0	5	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	5																						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P															

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																			Date: February 2012												
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment												Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT												
COST ELEMENTS Units in Each							Fiscal Year 2011										Fiscal Year 2012														
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011										Calendar Year 2012										B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
	11	2013	NAVY	160	0	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	
1.35) Electronic Warfare - EW Signal Generator																															
	12	2007	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	5														
	12	2012	NAVY	9	0	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	9
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1										P-1 Line Item Nomenclature: 0705 - Common Ground Equipment										Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT																	
COST ELEMENTS Units in Each							Fiscal Year 2013										Fiscal Year 2014																				
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013																				Calendar Year 2014										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
1) Hardware																																					
1.8) COMM/NAV I/D - R/F COMM/NAV Test Set																																					
	1	2009	NAVY	188	188	0																															
	1	2010	NAVY	544	412	132	50	50	32																												
1.21) Propulsion - Turbo Prop Engine Test Instrumentation (TPETI)																																					
	2	2011	NAVY	7	4	3	1	1	1																												
	2	2012	NAVY	4	0	4	-	-	-	1	1	1	1																								
1.23) Platform Support - Tow Tractor, Heavy																																					
	3	2010	NAVY	35	0	35	-	-	1	10	10	10	4																								
	3	2011	NAVY	119	90	29	10	10	9																												
	3	2012	NAVY	19	0	19	-	-	-	-	-	-	6	10	3																						
1.25) Platform Support - Air Conditioner Ship Shore																																					
	4	2010	NAVY	8	8	0																															
	4	2012	NAVY	73	0	73	-	-	-	2	7	7	7	7	7	7	7	7	1																		
	4	2013	NAVY	61	0	61	-	A	-	-	-	-	-	-	-	-	-	-	6	7	7	7	7	7	7	7	6										
1.27) Platform Support - Crane Wheel																																					
	5	2008	NAVY	20	20	0																															
	5	2010	NAVY	27	27	0																															
	6	2009	NAVY	20	20	0																															
1.29) Platform Support - Shipboard, Tractor																																					
	7	2009	NAVY	5	5	0																															
	7	2012	NAVY	45	5	40	6	6	6	6	6	6	4																								
	8	2013	NAVY	55	0	55	-	A	-	-	-	-	-	2	6	6	6	5	5	5	4	4	4	4	4												
1.30) Platform Support - Diesel/Electric Air Conditioner																																					
	9	2009	NAVY	50	50	0																															
	9	2010	NAVY	80	80	0																															
	10	2011	NAVY	40	40	0																															
1.31) Electrical - Large Capacity MEPP																																					
	11	2011	NAVY	5	5	0																															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																					Date: February 2012																	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1										P-1 Line Item Nomenclature: 0705 - Common Ground Equipment											Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT																	
COST ELEMENTS Units in Each							Fiscal Year 2013											Fiscal Year 2014																				
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 2013											Calendar Year 2014																	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L							
	11	2013	NAVY	160	0	160	-	A	-	-	-	-	-	-	15	15	15	15	15	15	15	15	15	15	15	15	10											
1.35) Electronic Warfare - EW Signal Generator																																						
	12	2007	NAVY	5	5	0																																
	12	2012	NAVY	9	0	9	-	-	-	-	-	-	-	-	-	-	-	8	1																			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1	P-1 Line Item Nomenclature: 0705 - Common Ground Equipment	Aggregated Item Name: A/C COMMON SUPPORT EQUIPMENT

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TEL-INSTRUMENT - CARLSTADT, NJ	20	50	60	0	6	6	12	0	7	9	16
2	EADS - IRVINE, CA	1	1	3	0	11	9	20	0	5	10	15
3	TLD AMERICA - WINSOR, CT	2	5	10	0	8	7	15	0	1	6	7
4	DRS TECHNOLOGIES - FLORENCE, KY	3	7	10	1	0	8	8	0	1	13	14
5	TEREX - WAVERLY, IA	1	2	4	0	0	16	16	0	2	22	24
6	TEREX CORP - WAVERLY, IA	1	2	4	0	0	15	15	0	0	0	0
7	Schopf - Ostfildern, Germany	4	6	10	0	9	12	21	0	5	7	12
8	Schopf GmbH - Ostfildern, Germany	4	6	10	0	0	0	0	0	2	5	7
9	JBT - OGDEN, UT	2	7	10	0	11	8	19	0	2	18	20
10	JBT CORP - OGDEN, UT	2	7	10	0	11	8	19	0	2	17	19
11	Essex Electro Engineers, Inc - Schaumburg, IL	5	9	15	0	4	10	14	0	1	6	7
12	Applied Geo Technologies, Inc - Choctaw, MS	4	8	15	0	7	38	45	0	8	14	22

Remarks:

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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	-	-	-	-	-	1.475	-	-	1.764	-	-	1.400	-	-	-	-	-	1.400
1.2) PSE Initial Outfitting ⁽³⁾	A	-	-	-	-	-	6.870	-	-	6.315	-	-	6.631	-	-	-	-	-	6.631
1.3) New Support Equipment ⁽⁴⁾	A	-	-	-	-	-	9.279	-	-	6.689	-	-	9.643	-	-	-	-	-	9.643
Subtotal 1) Hardware				0.000			17.624			14.768			17.674			0.000			17.674
2) Production Engineering																			
2.1) CSE Initial Outfitting	A	-	-	-	-	-	0.214	-	-	0.204	-	-	0.216	-	-	-	-	-	0.216
2.2) PSE Initial Outfitting	A	-	-	-	-	-	0.709	-	-	0.677	-	-	0.717	-	-	-	-	-	0.717
2.3) New Support Equipment	A	-	-	-	-	-	4.186	-	-	4.119	-	-	4.255	-	-	-	-	-	4.255
Subtotal 2) Production Engineering				0.000			5.109			5.000			5.188			0.000			5.188
3) OCO																			
3.1) Individual Material Readiness List (IMRL) OCO	A	-	-	9.031	-	-	-	-	-	10.800	-	-	0.000	-	-	2.380	-	-	2.380
Subtotal 3) OCO				9.031			0.000			10.800			0.000			2.380			2.380
Total				9.031			22.733			30.568			22.862			2.380			25.242
Remarks:																			
(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 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment						Aggregated Item Name: CONSOLIDATED AUTOMATED SUPPORT SYSTEM					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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 ⁽⁵⁾	A	-	-	240.880	-	-	-	2,300K	19	43.700	-	-	-	-	-	-	-	-	-
† 1.2) eCASS	A	-	-	-	-	-	-	-	-	-	2,500K	18	45.000	-	-	-	2,500K	18	45.000
Subtotal 1) Hardware				240.880			0.000			43.700			45.000			0.000			45.000
2) ECP																			
2.1) RT CASS	A	-	-	50.120	-	-	8.062	-	-	8.499	-	-	9.960	-	-	-	-	-	9.960
2.2) eCASS	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) ECP				50.120			8.062			8.499			9.960			0.000			9.960
3) ILS																			
3.1) RT CASS	A	-	-	26.652	-	-	3.997	-	-	1.988	-	-	6.467	-	-	-	-	-	6.467
3.2) eCASS	A	-	-	-	-	-	-	-	-	-	-	-	10.942	-	-	-	-	-	10.942
Subtotal 3) ILS				26.652			3.997			1.988			17.409			0.000			17.409
4) Production Engineering																			
4.1) RT CASS	A	-	-	58.602	-	-	12.859	-	-	11.133	-	-	7.163	-	-	-	-	-	7.163
4.2) eCASS	A	-	-	-	-	-	-	-	-	-	-	-	7.200	-	-	-	-	-	7.200
Subtotal 4) Production Engineering				58.602			12.859			11.133			14.363			0.000			14.363
5) Non FMP Installations																			
5.1) RT CASS	A	-	-	16.846	-	-	3.900	-	-	3.950	-	-	2.080	-	-	-	-	-	2.080
5.2) eCASS	A	-	-	-	-	-	-	-	-	-	-	-	0.300	-	-	-	-	-	0.300
Subtotal 5) Non FMP Installations				16.846			3.900			3.950			2.380			0.000			2.380
6) FMP Installations																			
6.1) RT CASS	A	-	-	14.002	-	-	6.189	-	-	6.344	-	-	4.074	-	-	-	-	-	4.074
6.2) eCASS	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) New Cost Element		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) FMP Installations				14.002			6.189			6.344			4.074			0.000			4.074
Total				407.102			35.007			75.614			93.186			0.000			93.186
Remarks: ⁽⁵⁾ *Executed FY11 RTCASS quantities (10) using FY09 funding. FY11 funding realigned to Other Flight Training (PE 0804743N)																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: CONSOLIDATED AUTOMATED SUPPORT SYSTEM			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Hardware												
†1.1) RT CASS ⁽⁶⁾		2009	Boeing Co. / St. Louis, MO	C / FFP	NAWCAD LKE	May 2009	Oct 2010	31	1,783,677.42	Y		May 2009
†1.1) RT CASS		2010	Boeing Co. / St. Louis, MO	SS / FFP	NAWCAD LKE	Aug 2010	Oct 2011	9	2,400,000.00	Y		May 2009
†1.1) RT CASS		2012	Boeing Co. / St. Louis, MO	SS / FFP	NAWCAD LKE	Feb 2012	Apr 2013	19	2,300,000.00	Y		May 2009
†1.2) eCASS		2013	Lockheed Martin / Orlando, FL	C / FFP	NAWCAD LKE	Mar 2013	Mar 2014	18	2,500,000.00	N	Jan 2015	Mar 2009

Remarks:

⁽⁶⁾*Executed FY11 RTCASS quantities (10) using FY09 funding. Unit cost is reflective of two separate RT CASS buys using FY09 funding.

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment															Aggregated Item Name: CONSOLIDATED AUTOMATED SUPPORT SYSTEM									
COST ELEMENTS Units in Each							Fiscal Year 2011										Fiscal Year 2012														
O C O	MFR Ref #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011										Calendar Year 2012										B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
1) Hardware																															
1.1) RT CASS																															
	13	2009	NAVY ⁽⁷⁾	31	0	31	2	2	1	2	2	1	2	2	1	2	2	2	-	-	-	-	1	1	-	1	1	1	1	4	
	13	2010	NAVY	9	0	9	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	-	1	1	-	1	1	
	13	2012	NAVY	19	0	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	19
1.2) eCASS																															
	14	2013	NAVY	18	0	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012									
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1										P-1 Line Item Nomenclature: 0705 - Common Ground Equipment													Aggregated Item Name: CONSOLIDATED AUTOMATED SUPPORT SYSTEM									
COST ELEMENTS Units in Each							Fiscal Year 2013													Fiscal Year 2014												
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013													Calendar Year 2014										B A L		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P	
1) Hardware																																
1.1) RT CASS																																
	13	2009	NAVY ⁽⁷⁾	31	31	0																										
	13	2010	NAVY	9	9	0																										
	13	2012	NAVY	19	0	19	-	-	-	-	-	-	1	2	2	1	2	2	1	2	2	1	2	1								
1.2) eCASS																																
	14	2013	NAVY	18	0	18	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1	2	1	2	7	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1										P-1 Line Item Nomenclature: 0705 - Common Ground Equipment													Aggregated Item Name: CONSOLIDATED AUTOMATED SUPPORT SYSTEM								
COST ELEMENTS Units in Each							Fiscal Year 2015												Fiscal Year 2016												
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2015												Calendar Year 2016												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
1) Hardware																															
1.1) RT CASS																															
	13	2009	NAVY ⁽⁷⁾	31	31	0																									
	13	2010	NAVY	9	9	0																									
	13	2012	NAVY	19	19	0																									
1.2) eCASS																															
	14	2013	NAVY	18	11	7	1	2	1	2	1																				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1	P-1 Line Item Nomenclature: 0705 - Common Ground Equipment	Aggregated Item Name: CONSOLIDATED AUTOMATED SUPPORT SYSTEM

		PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Boeing Co. - St. Louis, MO	9	24	36	0	9	14	23	0	7	21	28
2	Lockheed Martin - Orlando, FL	12	18	24	0	6	12	18	0	0	0	0

Remarks:

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

(7)*Executed FY11 RTCASS quantities (10) using FY09 funding. Remaining 4 displayed in Sep-12 will actually deliver one per month starting in Oct-12.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: MOBILE MAINTENANCE FACILITIES					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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) Mobile Facility Vans	A	-	-	18.321	62,114.00	44	2.733	63,705.00	44	2.803	67,156.00	45	3.022	-	-	-	67,156.00	45	3.022
1.2) Complex Decomplex Tool	A	-	-	0.702	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.3) Environmental Control Units ⁽⁸⁾	A	-	-	2.535	4,600.00	53	0.244	4,930.00	40	0.197	4,900.00	38	0.186	-	-	-	4,900.00	38	0.186
1.4) Frequency Converters	A	-	-	0.520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.5) Static Mobile Frequency Converters ⁽⁹⁾	A	-	-	-	-	-	-	100,000.00	38	3.800	-	-	-	-	-	-	-	-	-
1.6) Tactical Quite Generator	A	-	-	28.473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) HARDWARE				50.551			2.977			6.800			3.208			0.000			3.208
2) ILS																			
2.1) Non-FMP Installations	A	-	-	9.730	-	-	1.606	-	-	1.575	-	-	1.547	-	-	-	-	-	1.547
Subtotal 2) ILS				9.730			1.606			1.575			1.547			0.000			1.547
3) Production Engineering																			
3.1) Mobile Facility Vans	A	-	-	10.322	-	-	2.191	-	-	4.787	-	-	2.198	-	-	-	-	-	2.198
Subtotal 3) Production Engineering				10.322			2.191			4.787			2.198			0.000			2.198
4) Miscellaneous Support																			
4.1) Publications	A	-	-	0.972	-	-	0.050	-	-	1.050	-	-	0.050	-	-	-	-	-	0.050
Subtotal 4) Miscellaneous Support				0.972			0.050			1.050			0.050			0.000			0.050
Total				71.575			6.824			14.212			7.003			0.000			7.003
Remarks: ⁽⁸⁾ Decrease in Environmental Control Unit (ECU) quantities in the out- years is due to incorporation of Engineering Change Proposal s (ECPs) in existing inventory and Fleet requirement changes. Previous Quantities represented were for incorporation in New Mobile Facility Vans as well as procurement for Fleet failures. ECUs are now available in the Defense Logistics Agency (DLA) system for Fleet failure procurement. Mobile Facilities is no longer required to procure ECUs on behalf of the Fleet. ⁽⁹⁾ FY12 includes Static Mobile Frequency Converters, Production Engineering for Initial Outfitting and Publications Line for Technical Directives.																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: MOBILE MAINTENANCE FACILITIES			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) HARDWARE												
1.1) Mobile Facility Vans		2011	Gichner Shelter / Dallastown, PA	C / FFP	NAWCAD LKE	Nov 2010	May 2011	44	62,114.00	Y		Mar 2006
1.1) Mobile Facility Vans		2012	Gichner Shelter / Dallastown, PA	C / FFP	NAWCAD LKE	Nov 2011	May 2012	44	63,705.00	Y		Mar 2006
1.1) Mobile Facility Vans		2013	Gichner Shelter / Dallastown, PA	C / FFP	NAWCAD LKE	Nov 2012	May 2013	45	67,156.00	Y		Mar 2006
1.3) Environmental Control Units		2011	Env. Sys. / Jacksonville, FL	C / FFP	NAWCAD LKE	Nov 2010	Apr 2011	53	4,600.00	Y		Jul 2005
1.3) Environmental Control Units		2012	Env. Sys. / Jacksonville, FL	C / FFP	NAWCAD LKE	Nov 2011	Apr 2012	40	4,930.00	Y		Jul 2005
1.3) Environmental Control Units		2013	Env. Sys. / Jacksonville, FL	C / FFP	NAWCAD LKE	Nov 2012	Apr 2013	38	4,900.00	Y		Jul 2005
1.5) Static Mobile Frequency Converters		2012	TBD / TBD	C / TBD	TBD	Oct 2011	Oct 2011	38	100,000.00	N		
Remarks:												

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: GENERAL SKILLS TRAINING					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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 Classroom Trainers/Training Devices - Aviation Rate Courseware Upgrades	A	-	-	3.270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) ACTS - Server Rack for A/ C Carrier (CVN) (10)	A	-	-	-	-	-	-	50,000.00	1	0.050	-	-	-	-	-	-	-	-	-
† 1.3) ACTS - Expeditionary Laptop Upgrades (11)	A	-	-	-	-	-	-	3,000.00	50	0.150	2,940.00	50	0.147	-	-	-	2,940.00	50	0.147
1.4) ACTS - CONUS/CVN Server Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.5) ATC - Tower Operator Training System Upgrades	A	-	-	-	136,000.00	1	0.136	813,000.00	1	0.813	550,000.00	1	0.550	-	-	-	550,000.00	1	0.550
1.6) ATC - 15G30(s) Tower Trainer Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.7) ATC - Visual Information Distribution System Upgrades	A	-	-	-	-	-	-	-	-	-	184,000.00	1	0.184	-	-	-	184,000.00	1	0.184
1.8) ATC - Standard Terminal Automated Replacement System Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.9) ATC - Tower Trainers	A	-	-	-	-	-	-	796,000.00	4	3.184	-	-	-	-	-	-	-	-	-
† 1.10) Aviation Phys & Water Survival Trainers - 9F10 Powerhat	A	-	-	-	207,000.00	4	0.828	-	-	-	-	-	-	-	-	-	-	-	-
1.11) Aviation Phys & Water Survival Trainers - F-5 Ejection Seats Trainer	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.12) Aviation Phys & Water Survival Trainers	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: GENERAL SKILLS TRAINING					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
- T-38 Ejection Seats Trainer																			
† 1.13) Aviation Phys & Water Survival Trainers - Mixed Gas Hypoxia Trainer (12)	A	-	-	-	-	-	-	108,000.00	3	0.324	247,000.00	4	0.988	-	-	-	247,000.00	4	0.988
1.14) Aviation Phys & Water Survival Trainers - AW-1W Modular Egress Training System (METS)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.15) Aviation Phys & Water Survival Trainers - Virtual Reality Parachute Descent Trainer (VRPDT) (13)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.16) Aviation Phys & Water Survival Trainers - Multi-place Egress Training System (METS) Jib Cr	A	-	-	-	967,000.00	3	2.901	-	-	-	-	-	-	-	-	-	-	-	-
† 1.17) Aviation Phys & Water Survival Trainers - Modular Shallow Water Egress Trainer (MSWET) (14)	A	-	-	-	41,000.00	2	0.082	-	-	-	-	-	-	-	-	-	-	-	-
† 1.18) Aviation Phys & Water Survival Trainers - Davit Cranes	A	-	-	-	12,500.00	8	0.100	-	-	-	-	-	-	-	-	-	-	-	-
† 1.19) Aviation Phys & Water Survival Trainers - Reduced Oxy Breathing Dev.- Spatial Disorientati	A	-	-	-	110,000.00	7	0.770	110,000.00	7	0.770	110,000.00	18	1.980	-	-	-	110,000.00	18	1.980
1.20) Aviation Phys & Water Survival Trainers - ROBD-SD Visual Upgrade	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: GENERAL SKILLS TRAINING				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
1.21) Aviation Phys & Water Survival Trainers - Dynamic Ejection Trainer	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.22) Aviation Phys & Water Survival Trainers - Mixed Gas Hypoxia Trainer Upgrade	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.23) Aviation Phys & Water Survival Trainers - ROBD-SD Tech Refresh	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.24) Aviation Phys & Water Survival Trainers - Molecular Sieve Mask-On Hypoxia Units	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.25) Landing System Officer (LSO) - Training System Upgrades	A	-	-	-	458,000.00	1	0.458	232,000.00	1	0.232	238,000.00	1	0.238	-	-	-	238,000.00	1	0.238
† 1.26) Maintenance Computer Based Training - Advance Skill Mgmt (ASM) Software Version 2/3 Upgrad	A	-	-	-	2,109K	1	2.109	2,443K	1	2.443	437,000.00	1	0.437	-	-	-	437,000.00	1	0.437
† 1.27) Common ASW - Interactive Multi-Sensors Analysis Trainer (IMAT) Upgrades	A	-	-	-	538,000.00	1	0.538	390,000.00	1	0.390	798,000.00	1	0.798	-	-	-	798,000.00	1	0.798
† 1.28) Common ASW - Tactical Acoustic Intelligence (ACINT) Profuct Upgrades	A	-	-	-	50,000.00	1	0.050	62,000.00	1	0.062	55,000.00	1	0.055	-	-	-	55,000.00	1	0.055
Subtotal 1) Hardware				3.270			7.972			8.418			5.377			0.000			5.377
2) ILS																			
2.1) Air Traffic Control (ATC)	A	-	-	-	-	-	0.102	-	-	0.102	-	-	0.016	-	-	-	-	-	0.016

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: GENERAL SKILLS TRAINING				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
2.2) Aviation Phys & Water Survival Trainers	A	-	-	-	-	-	0.075	-	-	-	-	-	0.075	-	-	-	-	-	0.075
2.3) Landing System Officer (LSO)	A	-	-	-	-	-	0.019	-	-	0.019	-	-	0.019	-	-	-	-	-	0.019
2.4) Maintenance Computer Based Training	A	-	-	-	-	-	6.748	-	-	5.496	-	-	0.063	-	-	-	-	-	0.063
2.5) Common ASW	A	-	-	-	-	-	0.013	-	-	0.015	-	-	0.015	-	-	-	-	-	0.015
<i>Subtotal 2) ILS</i>				0.000			6.957			5.632			0.188			0.000			0.188
3) Production Engineering																			
3.1) Aircrew Combat Training System (ACTS)	A	-	-	-	-	-	0.008	-	-	-	-	-	0.010	-	-	-	-	-	0.010
3.2) Air Traffic Control (ATC)	A	-	-	-	-	-	0.148	-	-	0.141	-	-	0.123	-	-	-	-	-	0.123
3.3) Aviation Phys & Water Survival Trainers	A	-	-	-	-	-	3.438	-	-	1.614	-	-	2.279	-	-	-	-	-	2.279
3.4) Landing System Officer (LSO)	A	-	-	-	-	-	0.024	-	-	0.019	-	-	0.034	-	-	-	-	-	0.034
3.5) Maintenance Computer Based Training	A	-	-	-	-	-	2.298	-	-	2.277	-	-	-	-	-	-	-	-	-
3.6) Common ASW	A	-	-	-	-	-	0.339	-	-	0.356	-	-	1.334	-	-	-	-	-	1.334
3.7) NITE Lab	A	-	-	-	-	-	0.196	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) Production Engineering</i>				0.000			6.451			4.407			3.780			0.000			3.780
4) Non Recurring																			
4.1) Aircrew Combat Training System (ACTS)	A	-	-	-	-	-	-	-	-	0.035	-	-	-	-	-	-	-	-	-
4.2) Air Traffic Control (ATC)	A	-	-	-	-	-	0.200	-	-	-	-	-	-	-	-	-	-	-	-
4.3) Common ASW	A	-	-	-	-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) Non Recurring</i>				0.000			0.206			0.035			0.000			0.000			0.000
5) Acceptance Testing																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy												Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1						P-1 Line Item Nomenclature: 0705 - Common Ground Equipment						Aggregated Item Name: GENERAL SKILLS TRAINING						

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
5.1) Aircrew Combat Training System (ACTS)	A	-	-	-	-	-	0.040	-	-	0.002	-	-	-	-	-	-	-	-	-
5.2) Common ASW	A	-	-	-	-	-	0.035	-	-	0.037	-	-	0.035	-	-	-	-	-	0.035
Subtotal 5) Acceptance Testing				0.000			0.075			0.039			0.035			0.000			0.035
6) Production Support																			
6.1) Aircrew Combat Training System (ACTS)	A	-	-	-	-	-	0.594	-	-	-	-	-	-	-	-	-	-	-	-
6.2) Air Traffic Control (ATC)	A	-	-	-	-	-	0.414	-	-	1.034	-	-	0.067	-	-	-	-	-	0.067
6.3) Aviation Phys & Water Survival Trainers	A	-	-	-	-	-	0.075	-	-	0.645	-	-	0.075	-	-	-	-	-	0.075
6.4) Landing System Officer (LSO)	A	-	-	-	-	-	0.040	-	-	0.055	-	-	0.047	-	-	-	-	-	0.047
6.5) Maintenance Computer Based Training	A	-	-	-	-	-	0.637	-	-	1.154	-	-	-	-	-	-	-	-	-
6.6) Common ASW	A	-	-	-	-	-	0.027	-	-	0.180	-	-	0.029	-	-	-	-	-	0.029
Subtotal 6) Production Support				0.000			1.787			3.068			0.218			0.000			0.218
Total				3.270			23.448			21.599			9.598			0.000			9.598

Remarks:

- (10) All Items: Due to multiple Requiring Financial Managers (RFMs) in prior years, detailed breakout of prior year data is not available.
- (11) Hardware Upgrades: Total quantity and cost of device upgrades may vary year to year.
- (12) Renaming: Low Pressure Chamber Mixed Gas Trainer to Mixed Gas Hypoxia Trainer
- (13) Renaming: Parachute Rigger Visual Display Trainer (PRVDT) to Visual Reality Parachute Descent Trainer (VRPDT)
- (14) Renaming: Egress Trainer System to Modular Shallow Water Egress Trainer (MSWET)

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1			P-1 Line Item Nomenclature: 0705 - Common Ground Equipment						Aggregated Item Name: GENERAL SKILLS TRAINING			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Hardware												
1.1) A School Classroom Trainers/ Training Devices - Aviation Rate Courseware Upgrades		2010	Carley Group / Orlando, FL	C / FFP	NAWCTSD	May 2010	May 2012	1	3,270,229.00	Y		Aug 2008
1.2) ACTS - Server Rack for A/C Carrier (CVN)		2012	Inova / San Diego, CA	C / FFP	NAVICP Mech	Apr 2012	Mar 2013	1	50,000.00	Y		Jul 2008
1.3) ACTS - Expeditionary Laptop Upgrades		2012	Inova / San Diego, CA	SS / FFP	NUWC Keyport	Feb 2012	Apr 2012	50	3,000.00	Y		
1.3) ACTS - Expeditionary Laptop Upgrades		2013	Inova / San Diego, CA	SS / FFP	NUWC Keyport	Nov 2012	Jan 2013	50	2,940.00	Y		
1.5) ATC - Tower Operator Training System Upgrades		2011	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	May 2011	Apr 2012	1	136,000.00	Y		
1.5) ATC - Tower Operator Training System Upgrades		2012	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	May 2012	Apr 2013	1	813,000.00	Y		
1.5) ATC - Tower Operator Training System Upgrades		2013	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	May 2013	Apr 2014	1	550,000.00	Y		
1.7) ATC - Visual Information Distribution System Upgrades ⁽¹⁵⁾		2013	TBD / TBD	C / FFP	NAWCTSD	Mar 2013	Nov 2014	1	184,000.00	Y		Oct 2012
1.9) ATC - Tower Trainers		2012	TBD / TBD	C / FFP	NAWCTSD	Apr 2012	Mar 2013	4	796,000.00	Y		Oct 2011
1.10) Aviation Phys & Water Survival Trainers - 9F10 Powerhat		2011	TBD / TBD	C / FFP	NAWCTSD	Jun 2012	Oct 2012	4	207,000.00	Y		Jun 2011
1.13) Aviation Phys & Water Survival Trainers - Mixed Gas Hypoxia Trainer		2012	Colorado Altitude Training, LLC / Louisville, CO	SS / FFP	NAWCTSD	Mar 2012	Mar 2013	3	108,000.00	Y		
1.13) Aviation Phys & Water Survival Trainers - Mixed Gas Hypoxia Trainer		2013	Colorado Altitude Training / Louisville, CO	SS / FFP	NAWCTSD	Mar 2013	Apr 2014	4	247,000.00	Y		
1.16) Aviation Phys & Water Survival Trainers - Multi-place Egress Training System (METS) Jib Cr		2011	Survival System Inc. / Groton, CT	SS / FFP	NAWCTSD	Feb 2012	Jun 2012	3	967,000.00	Y		
1.17) Aviation Phys & Water Survival Trainers - Modular Shallow Water Egress Trainer (MSWET)		2011	Survival System Inc. / Groton, CT	SS / FFP	NAWCTSD	Apr 2011	Apr 2012	2	41,000.00	Y		
1.18) Aviation Phys & Water Survival Trainers - Davit Cranes		2011	TBD / TBD	C / FFP	NAWCTSD	Sep 2012	Sep 2013	8	12,500.00	Y		Feb 2011
1.19) Aviation Phys & Water Survival Trainers - Reduced Oxy Breathing Dev.- Spatial Disorientati		2011	AI2 / Iowa City, IA	SS / FFP	NAWCTSD	Jul 2011	May 2012	7	110,000.00	Y		
1.19) Aviation Phys & Water Survival Trainers - Reduced Oxy Breathing Dev.- Spatial Disorientati		2012	AI2 / Iowa City, IA	SS / FFP	NAWCTSD	Jul 2012	May 2013	7	110,000.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment						Aggregated Item Name: GENERAL SKILLS TRAINING		
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.19) Aviation Phys & Water Survival Trainers - Reduced Oxy Breathing Dev.- Spatial Disorientati		2013	AI2 / Iowa City, IA	SS / FFP	NAWCTSD	Jul 2013	May 2014	18	110,000.00	Y		
1.25) Landing System Officer (LSO) - Training System Upgrades		2011	Tch Solution Inc. / Orlando, FL	SS / FFP	NAWCTSD	Jun 2011	Sep 2012	1	458,000.00	Y		
1.25) Landing System Officer (LSO) - Training System Upgrades		2012	Tch Solution Inc. / Orlando, FL	SS / FFP	NAWCTSD	Jun 2012	Sep 2013	1	232,000.00	Y		
1.25) Landing System Officer (LSO) - Training System Upgrades		2013	Tch Solution Inc. / Orlando, FL	SS / FFP	NAWCTSD	Jun 2013	Sep 2014	1	238,000.00	Y		
1.26) Maintenance Computer Based Training - Advance Skill Mgmt (ASM) Software Version 2/3 Upgrad		2011	Raytheon / Burlington, MA	C / FFP	NUWC Keyport	Sep 2011	Oct 2011	1	2,109,000.00	Y		May 2011
1.26) Maintenance Computer Based Training - Advance Skill Mgmt (ASM) Software Version 2/3 Upgrad		2012	Phacil / Arlington, VA	C / FFP	NUWC Keyport	Oct 2011	Nov 2011	1	2,443,000.00	Y		May 2011
1.26) Maintenance Computer Based Training - Advance Skill Mgmt (ASM) Software Version 2/3 Upgrad		2013	TBD / TBD	C / FFP	NUWC Keyport	Oct 2012	Nov 2012	1	437,000.00	Y		May 2011
1.27) Common ASW - Interactive Multi-Sensors Analysis Trainer (IMAT) Upgrades		2011	Alion / Chicago, IL	SS / FFP	NSWC Carderock	Mar 2011	Mar 2012	1	538,000.00	Y		
1.27) Common ASW - Interactive Multi-Sensors Analysis Trainer (IMAT) Upgrades		2012	Alion / Chicago, IL	SS / FFP	NSWC Carderock	Mar 2012	Mar 2013	1	390,000.00	Y		
1.27) Common ASW - Interactive Multi-Sensors Analysis Trainer (IMAT) Upgrades		2013	Alion / Chicago, IL	SS / FFP	NSWC Carderock	Mar 2013	Mar 2014	1	798,000.00	Y		
1.28) Common ASW - Tactical Acoustic Intelligence (ACINT) Profuct Upgrades		2011	Office of Naval Intelligence / DC	SS / FFP	ONI	Aug 2011	Mar 2012	1	50,000.00	Y		
1.28) Common ASW - Tactical Acoustic Intelligence (ACINT) Profuct Upgrades		2012	Office of Naval Intelligence (ONI) / DC	SS / FFP	ONI	Feb 2012	Mar 2013	1	62,000.00	Y		
1.28) Common ASW - Tactical Acoustic Intelligence (ACINT) Profuct Upgrades		2013	Office of Naval Intelligence (ONI) / DC	SS / FFP	ONI	Feb 2013	Mar 2014	1	55,000.00	Y		
Remarks: ⁽¹⁵⁾ TBD - Contractor and location can't be determined at this time; all competitive solicitations.												

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: TOPSCENE					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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) Topscene Upgrade	A	-	-	-	1,122K	1	1.122	1,143K	1	1.143	1,162K	1	1.162	-	-	-	1,162K	1	1.162
Subtotal 1) Mission Rehearsal Pre-Planned (Topscene)				0.000			1.122			1.143			1.162			0.000			1.162
2) ILS																			
2.1) Topscene	A	-	-	-	-	-	0.222	-	-	0.236	-	-	0.238	-	-	-	-	-	0.238
Subtotal 2) ILS				0.000			0.222			0.236			0.238			0.000			0.238
3) Acceptance Testing																			
3.1) Topscene	A	-	-	-	-	-	0.377	-	-	0.367	-	-	0.367	-	-	-	-	-	0.367
Subtotal 3) Acceptance Testing				0.000			0.377			0.367			0.367			0.000			0.367
Total				0.000			1.721			1.746			1.767			0.000			1.767
Remarks:																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: TOPSCENE			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Mission Rehearsal Pre-Planned (Topscene)												
1.1) Topscene Upgrade		2011	SAIC / San Diego, CA	SS / FFP	Redstone Arsenal, AL	Mar 2011	Jun 2012	1	1,122,000.00	Y		
1.1) Topscene Upgrade		2012	SAIC / San Diego, CA	SS / FFP	Redstone Arsenal, AL	Mar 2012	Jun 2013	1	1,143,000.00	Y		
1.1) Topscene Upgrade		2013	SAIC / San Diego, CA	SS / FFP	Redstone Arsenal, AL	Mar 2013	Jun 2014	1	1,162,000.00	Y		
Remarks:												

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: OTHER FLIGHT TRAINING					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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) E-6 - Mission Crew Courseware ⁽¹⁶⁾	A	-	-	-	1,530K	1	1.530	1,450K	1	1.450	455,000.00	1	0.455	-	-	-	455,000.00	1	0.455
† 1.2) E-6 - Maintenance Panel Trainer Upgrades ⁽¹⁷⁾	A	-	-	-	523,000.00	3	1.569	496,000.00	3	1.488	475,000.00	1	0.475	-	-	-	475,000.00	1	0.475
1.3) E-6 - Interactive Avionic Trainer Rehost	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.4) EA-6B - Device 15E43 Rehost	A	-	-	-	2,418K	1	2.418	-	-	-	-	-	-	-	-	-	-	-	-
† 1.5) EA-6B - Device 2F188 Flight System/ Weapon System Trainer (FS/WST) Rehost	A	-	-	-	-	-	-	2,696K	1	2.696	-	-	-	-	-	-	-	-	-
† 1.6) EA-6B - Device 11H163 Aircraft Maintenance Training Unit (AMTU) Rehost	A	-	-	-	-	-	-	-	-	-	2,975K	1	2.975	-	-	-	2,975K	1	2.975
1.7) EA-6B - Device 2F187 WST Rehost	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) EA-6B - Devices Visual Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.9) EA-6B - Devices Tech Upgrades (2F185/15E43 III)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.10) EP-3 - 10H1 Device Upgrades	A	-	-	-	674,000.00	1	0.674	290,000.00	1	0.290	295,000.00	1	0.295	-	-	-	295,000.00	1	0.295
† 1.11) EP-3 - Aircrew Computer-Based Training Upgrades	A	-	-	-	-	-	-	77,000.00	1	0.077	75,000.00	1	0.075	-	-	-	75,000.00	1	0.075
† 1.12) EP-3 - Maintenance Training Decision Aid (MTDA) Upgrades	A	-	-	-	-	-	-	50,000.00	1	0.050	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: OTHER FLIGHT TRAINING				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
† 1.13) EP-3 - Maintenance Computer-Based Training Upgrades	A	-	-	-	-	-	-	111,000.00	1	0.111	156,000.00	1	0.156	-	-	-	156,000.00	1	0.156
† 1.14) EP-3 - Classroom Upgrades	A	-	-	-	60,000.00	1	0.060	-	-	-	-	-	-	-	-	-	-	-	-
† 1.15) F/A-18 - Software Action Team (SAT) Upgrades	A	-	-	-	649,000.00	1	0.649	624,000.00	1	0.624	650,000.00	1	0.650	-	-	-	650,000.00	1	0.650
† 1.16) F/A-18 - Visual System Upgrades	A	-	-	-	-	-	-	1,824K	1	1.824	1,646K	1	1.646	-	-	-	1,646K	1	1.646
† 1.17) F/A-18 - Simulator Tech Upgrades	A	-	-	-	-	-	-	1,813K	1	1.813	1,639K	1	1.639	-	-	-	1,639K	1	1.639
† 1.18) F/A-18 - Information Assurance Upgrades	A	-	-	-	-	-	-	422,000.00	1	0.422	470,000.00	1	0.470	-	-	-	470,000.00	1	0.470
† 1.19) F/ A-18 - Tactical Operational Flight Trainer (TOFT) 16 Upgrade ⁽¹⁸⁾	A	-	-	-	1,400K	1	1.400	-	-	-	-	-	-	-	-	-	-	-	-
† 1.20) P-3C - 2F87 Projector Upgrades	A	-	-	-	300,000.00	1	0.300	300,000.00	1	0.300	-	-	-	-	-	-	-	-	-
† 1.21) P-3C - Display Debrief Upgrades	A	-	-	-	-	-	-	175,000.00	1	0.175	-	-	-	-	-	-	-	-	-
1.22) P-3C - SHARP Laptop Upgrade	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.23) P-3C - System Avionic Integration Laboratory Upgrades	A	-	-	-	-	-	-	150,000.00	1	0.150	100,000.00	1	0.100	-	-	-	100,000.00	1	0.100
† 1.24) P-3C - Tactical Operation Readiness Trainer (TORT) Upgrades	A	-	-	-	349,000.00	1	0.349	240,000.00	1	0.240	484,000.00	1	0.484	-	-	-	484,000.00	1	0.484
† 1.25) P-3C - Trainer Upgrade	A	-	-	-	-	-	-	-	-	-	75,000.00	1	0.075	-	-	-	75,000.00	1	0.075
1.26) P-3C - Partial Aircrew Coordinatin	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: OTHER FLIGHT TRAINING			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
Trainer (PACT) Upgrades																			
† 1.27) P-3C - Image Generator(IG) Rehost	A	-	-	-	-	-	-	100,000.00	1	0.100	-	-	-	-	-	-	-	-	-
† 1.28) P-3C - TORT Avionic Improvement Program Upgrades	A	-	-	-	-	-	-	-	-	-	522,000.00	1	0.522	-	-	-	522,000.00	1	0.522
† 1.29) Undergraduate Military Flight Officer (UMFO) Training - Right Hand Controller Upgrades	A	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.30) Undergraduate Military Flight Officer (UMFO) Training - Visual Database System Upgrades	A	-	-	3.990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.31) Undergraduate Military Flight Officer (UMFO) Training - Multi-Crew Simulator Trainer (MCS)	A	-	-	-	14,300K	1	14.300	-	-	-	-	-	-	-	-	-	-	-	-
† 1.32) Undergraduate Military Flight Officer (UMFO) Training - Interactive Courseware MCS	A	-	-	-	3,300K	1	3.300	-	-	-	-	-	-	-	-	-	-	-	-
† 1.33) USMC Federation Simulators - USMC Common Visual Database Upgrades	A	-	-	-	1,992K	1	1.992	1,346K	1	1.346	-	-	-	-	-	-	-	-	-
† 1.34) USMC Federation Simulators - Marine Aircraft Weapon Training Squadron	A	-	-	-	704,000.00	1	0.704	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: OTHER FLIGHT TRAINING			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(MAWTS) Courseware U																			
1.35) USMC Federation Simulators - Aviation Distributed Virtual Trng Environment (ADVTE) Technic	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.36) USMC Federation Simulators - Marine Common Aircrew Trainer Containerized Flight Trng Devic	A	-	-	-	-	-	-	10,426K	1	10.426	10,201K	1	10.201	-	-	-	10,201K	1	10.201
† 1.37) USMC Federation Simulators - Marine Common Aircrew Trainer (MCAT) Upgrades	A	-	-	-	950,000.00	1	0.950	-	-	-	-	-	-	-	-	-	-	-	-
† 1.38) USMC Federation Simulators - Marine Common Aircrew Trainer (MCAT) 2H160-2 Upgrades	A	-	-	6.769	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.39) USMC Federation Simulators - ADVTE/ Supporting Arms Virtual Training (SAVT) Interoperabilit	A	-	-	-	1,986K	1	1.986	-	-	-	-	-	-	-	-	-	-	-	-
† 1.40) USMC Federation Simulators - Hawaii Database Upgrades	A	-	-	-	1,440K	1	1.440	-	-	-	-	-	-	-	-	-	-	-	-
† 1.41) USMC Federation Simulators - CH-53E CFTD New Procurement	A	-	-	12.435	-	-	-	-	-	-	12,650K	1	12.650	-	-	-	12,650K	1	12.650
1.42) USMC Federation Simulators - CH-53E CFTD Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: OTHER FLIGHT TRAINING				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
† 1.43) USMC Federation Simulators - CH-53E Aircrew Procedure Trainer (APT) 2F190-2/2F190-1 Upgrad	A	-	-	-	-	-	-	-	-	-	1,000K	2	2.001	-	-	-	1,000K	2	2.001
1.44) USMC Federation Simulators - CH-53E APT 2F171 Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.45) USMC Federation Simulators - CH-53E 2F174-1&2 Weapon System Trainer (WST) Visual Upgrades (19)	A	-	-	-	-	-	-	-	-	-	4,160K	2	8.321	-	-	-	4,160K	2	8.321
† 1.46) USMC Federation Simulators - KC-130J Upgrades	A	-	-	-	7,900K	1	7.900	5,928K	1	5.928	-	-	-	-	-	-	-	-	-
† 1.47) USMC Federation Simulators - AH-1Z Flight Training Device (FTD) Tech/Visual Upgrades	A	-	-	2.255	4,200K	1	4.200	-	-	-	-	-	-	-	-	-	-	-	-
† 1.48) USMC Federation Simulators - H-1 Aircrew Courseware Upgrades	A	-	-	-	1,100K	1	1.100	-	-	-	-	-	-	-	-	-	-	-	-
1.49) USMC Federation Simulators - UH-1Y Flight Training Device (FTD) Tech/Visual Upgrade	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.50) USMC Federation Simulators - UH-1Y Full Flight Simulator (FFS)	A	-	-	-	-	-	-	-	-	-	4,829K	1	4.829	-	-	-	4,829K	1	4.829

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: OTHER FLIGHT TRAINING				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
Tech/Visual Upgrade																			
† 1.51) USMC Federation Simulators - MV-22 Flight Training Device (FTD) Tech/Visual Upgrades	A	-	-	-	-	-	-	1,100K	6	6.600	-	-	-	-	-	-	-	-	-
1.52) USMC Federation Simulators - F/A-18 TOFT 16/28/30/31/32/33/34/36/37/38/40 Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.53) USMC Federation Simulators - AV-8B 2F150A/B/ C/D/E WST Tech/ Visual Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.54) USMC Federation Simulators - AV-8B Maintenance Trainer Upgrades	A	-	-	-	-	-	-	-	-	-	377,250.00	4	1.509	-	-	-	377,250.00	4	1.509
† 1.55) USMC Federation Simulators - AV-8B Deployable Mission Rehearsal Trainer	A	-	-	-	-	-	-	-	-	-	3,500K	1	3.500	-	-	-	3,500K	1	3.500
1.56) USMC Federation Simulators - VH-3/60 APT Aero Model Improvements	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.57) USMC Federation Simulators - VH-3/60 APT Visual Database Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.58) USMC Federation Simulators - VH-60 Containerized Flight Training	A	-	-	-	-	-	-	12,000K	1	12.000	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: OTHER FLIGHT TRAINING			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
Device (CFTD) New Procure																			
1.59) USMC Federation Simulators - EA-6B 2F185 Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.60) USMC Federation Simulators - USMC Training Continuum Integration Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.61) E-2/C-2 - E2 Weapons Systems Trainer (WST) Tech Upgrades	A	-	-	-	1,256K	2	2.512	-	-	-	-	-	-	-	-	-	-	-	-
† 1.62) E-2/C-2 - E2 Simulated Maintenance Trainer (SMT) Tech Upgrades	A	-	-	-	2,208K	1	2.208	-	-	-	-	-	-	-	-	-	-	-	-
† 1.63) E-2/C-2 - C2 Operational Flight Trainer (OFT) Tech Upgrades ⁽²⁰⁾	A	-	-	-	-	-	-	-	-	-	3,089K	2	6.178	-	-	-	3,089K	2	6.178
1.64) E-2/C-2 - E2D Operational Flight Trainer (OFT) Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.65) H-60F/H - Legacy Trainer Upgrades	A	-	-	-	139,000.00	2	0.278	-	-	-	-	-	-	-	-	-	-	-	-
† 1.66) MH-53 - External Trainers Upgrades	A	-	-	-	250,000.00	1	0.250	-	-	-	-	-	-	-	-	-	-	-	-
† 1.67) MH-53 - Airborne Mine Countermeasure Stream & Recovery Module (ASRM) Upgrades	A	-	-	-	1,033K	1	1.033	-	-	-	-	-	-	-	-	-	-	-	-
† 1.68) MH-53 - Airborne Mine Countermeasure (AVCM)	A	-	-	-	-	-	-	742,000.00	1	0.742	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: OTHER FLIGHT TRAINING			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
Configuration Trainer Upgrades																			
† 1.69) MH-53 - Classroom Upgrades	A	-	-	-	-	-	-	300,000.00	1	0.300	-	-	-	-	-	-	-	-	-
† 1.70) MH-53 - 2F141 Operation Flight Trainer (OFT) Rehost	A	-	-	-	-	-	-	-	-	-	4,890K	1	4.890	-	-	-	4,890K	1	4.890
† 1.71) MH-53 - Cargo Trainer	A	-	-	-	-	-	-	-	-	-	673,000.00	1	0.673	-	-	-	673,000.00	1	0.673
† 1.72) MH-53 - 2F141 Operator Flight Trainer (OFT) Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.73) Fleet Aircrew Simulator Training (FAST) - E-6 Operational Flight Trainer (OFT)	A	-	-	2.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.74) Fleet Aircrew Simulator Training (FAST) - NASMP Common Support Product (CSP) NGTS v3.0	A	-	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.75) Fleet Aircrew Simulator Training (FAST) - P-3 Tactical Operation Readiness Trainer (TORT)	A	-	-	15.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.76) Fleet Aircrew Simulator Training (FAST) - MH-60S NASMP Upgrades	A	-	-	1.202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.77) Fleet Aircrew Simulator Training (FAST) - CASE/Common Ocean Model	A	-	-	0.767	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.78) Navy Aviation Simulation Master Plan - NAE Priority Upgrades	A	-	-	-	-	-	-	1,336K	1	1.336	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: OTHER FLIGHT TRAINING			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
† 1.79) Navy Aviation Simulation Master Plan - Gryphon Safe III	A	-	-	-	-	-	-	383,500.00	2	0.767	-	-	-	-	-	-	-	-	-
† 1.80) Navy Aviation Simulation Master Plan - Joint Voice Communication Validation Tool	A	-	-	-	207,000.00	1	0.207	-	-	-	-	-	-	-	-	-	-	-	-
† 1.81) Navy Aviation Simulation Master Plan - Navy Continuous Training Environment (NCTE) Nodes U	A	-	-	-	-	-	-	375,000.00	1	0.375	375,000.00	2	0.750	-	-	-	375,000.00	2	0.750
1.82) Navy Aviation Simulation Master Plan - H-60S TOFT Cockpit Enhancements	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.83) Navy Aviation Simulation Master Plan - H-60S Visual Attributes	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.84) Navy Aviation Simulation Master Plan - H-60S TOFT Aural Fidelity	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.85) Navy Aviation Simulation Master Plan - H-60S AVET Aural Fidelity	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.86) Navy Aviation Simulation Master Plan - Aircrew Virtual Environment Trainer (AVET)	A	-	-	-	-	-	-	9,000K	1	9.000	10,200K	1	10.200	-	-	-	10,200K	1	10.200
† 1.87) Navy Aviation	A	-	-	-	-	-	-	-	-	-	4,600K	1	4.600	-	-	-	4,600K	1	4.600

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: OTHER FLIGHT TRAINING			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
Simulation Master Plan - H-60S Threat Attributes Integration & Retrofit AVET																			
† 1.88) Navy Aviation Simulation Master Plan - H-60S Threat System Upgrades	A	-	-	-	-	-	-	1,032K	1	1.032	1,978K	1	1.978	-	-	-	1,978K	1	1.978
† 1.89) Navy Aviation Simulation Master Plan - H-60R Threat System Upgrades	A	-	-	-	-	-	-	270,000.00	1	0.270	-	-	-	-	-	-	-	-	-
† 1.90) Navy Aviation Simulation Master Plan - H-60R Anti-Submarine Warfare (ASW) Upgrades	A	-	-	-	-	-	-	2,750K	1	2.750	-	-	-	-	-	-	-	-	-
† 1.91) Navy Aviation Simulation Master Plan - H-60R Entity Management	A	-	-	-	-	-	-	-	-	-	50,000.00	4	0.200	-	-	-	50,000.00	4	0.200
† 1.92) Navy Aviation Simulation Master Plan - H-60R Link 16	A	-	-	-	-	-	-	-	-	-	75,000.00	4	0.300	-	-	-	75,000.00	4	0.300
† 1.93) Navy Aviation Simulation Master Plan - H-60R Naval Aircrew Training Systems	A	-	-	-	-	-	-	-	-	-	9,500K	1	9.500	-	-	-	9,500K	1	9.500
† 1.94) Navy Aviation Simulation Master Plan - H-60R Aero Model Upgrades	A	-	-	-	-	-	-	-	-	-	75,000.00	4	0.300	-	-	-	75,000.00	4	0.300
† 1.95) Navy Aviation Simulation Master Plan - H-60R Distributed Training	A	-	-	-	-	-	-	-	-	-	37,500.00	4	0.150	-	-	-	37,500.00	4	0.150

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: OTHER FLIGHT TRAINING			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
† 1.96) Navy Aviation Simulation Master Plan - H-60R Upgrades ⁽²¹⁾	A	-	-	-	-	-	-	-	-	-	1,517K	7	10.619	-	-	-	1,517K	7	10.619
1.97) Navy Aviation Simulation Master Plan - H-60S Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.98) Navy Aviation Simulation Master Plan - FA/EA-18 Cockpit Fidelity Upgrades	A	-	-	-	3,000K	1	3.000	-	-	-	-	-	-	-	-	-	-	-	-
† 1.99) Navy Aviation Simulation Master Plan - FA/EA-18 Next Generation Threat System (NGTS) Upgra ⁽²²⁾	A	-	-	-	3,000K	1	3.000	-	-	-	6,000K	1	6.000	-	-	-	6,000K	1	6.000
† 1.100) Navy Aviation Simulation Master Plan - FA/EA-18 System Fidelity Upgrades (TECR)	A	-	-	-	3,000K	1	3.000	-	-	-	-	-	-	-	-	-	-	-	-
1.101) Navy Aviation Simulation Master Plan - FA/EA-18 NASMP 1.4 Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.102) Navy Aviation Simulation Master Plan - FA/ EA-18 Weapons Simulation Upgrades	A	-	-	-	-	-	-	-	-	-	1,719K	1	1.719	-	-	-	1,719K	1	1.719
1.103) Navy Aviation Simulation Master Plan - FA/EA-18 Motion Cueing Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.104) Navy Aviation Simulation Master	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment						Aggregated Item Name: OTHER FLIGHT TRAINING					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
Plan - FA/EA-18 Aural Upgrades																			
† 1.105) Navy Aviation Simulation Master Plan - FA/EA-18 Host/Computer Instructor Operator Station ⁽²³⁾	A	-	-	-	-	-	-	3,000K	1	3.000	4,000K	1	4.000	-	-	-	4,000K	1	4.000
1.106) Navy Aviation Simulation Master Plan - FA/EA-18 Brief/Debrief (B/DB) Station Upgrades	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.107) Navy Aviation Simulation Master Plan - FA/EA-18 Visual Database Upgrades	A	-	-	-	-	-	-	9,609K	1	9.609	-	-	-	-	-	-	-	-	-
† 1.108) Navy Aviation Simulation Master Plan - FA/EA-18 Visual Display	A	-	-	-	-	-	-	2,481K	8	19.850	-	-	-	-	-	-	-	-	-
† 1.109) Navy Aviation Simulation Master Plan - FA/EA-18 EW Models/NGTS Integration	A	-	-	-	4,000K	1	4.000	-	-	-	-	-	-	-	-	-	-	-	-
† 1.110) Navy Aviation Simulation Master Plan - FA/EA-18 IOS Computers, Monitors & Battle Monitor	A	-	-	-	2,471K	1	2.471	-	-	-	-	-	-	-	-	-	-	-	-
† 1.111) Navy Aviation Simulation Master Plan - NASMP Common Support Product (CSP) NGTS v3.0	A	-	-	-	2,500K	1	2.500	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) Hardware				47.718			71.280			97.141			115.085			0.000			115.085
2) ILS																			
2.1) EA-6B	A	-	-	-	-	-	0.613	-	-	0.465	-	-	0.405	-	-	-	-	-	0.405

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment							Aggregated Item Name: OTHER FLIGHT TRAINING				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
2.2) E-6	A	-	-	-	-	-	0.103	-	-	0.108	-	-	0.149	-	-	-	-	-	0.149
2.3) EP-3	A	-	-	-	-	-	0.018	-	-	0.019	-	-	0.020	-	-	-	-	-	0.020
2.4) F/A-18	A	-	-	-	-	-	0.129	-	-	0.203	-	-	0.208	-	-	-	-	-	0.208
2.5) P-3C	A	-	-	-	-	-	0.055	-	-	0.105	-	-	0.094	-	-	-	-	-	0.094
2.6) Undergraduate Military Flight Officer (UMFO) Training	A	-	-	-	-	-	0.468	-	-	-	-	-	-	-	-	-	-	-	-
2.7) USMC Federation Simulators	A	-	-	-	-	-	1.569	-	-	1.383	-	-	1.708	-	-	-	-	-	1.708
2.8) E-2/C-2	A	-	-	-	-	-	0.107	-	-	-	-	-	0.180	-	-	-	-	-	0.180
2.9) MH-53	A	-	-	-	-	-	0.060	-	-	0.200	-	-	0.070	-	-	-	-	-	0.070
2.10) Navy Aviation Simulation Master Plan	A	-	-	-	-	-	1.233	-	-	1.071	-	-	1.042	-	-	-	-	-	1.042
Subtotal 2) ILS				0.000			4.355			3.554			3.876			0.000			3.876
3) Production Engineering																			
3.1) E-6	A	-	-	-	-	-	0.272	-	-	0.398	-	-	0.636	-	-	-	-	-	0.636
3.2) EA-6B	A	-	-	-	-	-	0.578	-	-	0.462	-	-	0.372	-	-	-	-	-	0.372
3.3) EP-3	A	-	-	-	-	-	0.284	-	-	0.083	-	-	0.090	-	-	-	-	-	0.090
3.4) F/A-18	A	-	-	-	-	-	2.307	-	-	1.855	-	-	1.878	-	-	-	-	-	1.878
3.5) P-3C	A	-	-	-	-	-	0.193	-	-	0.274	-	-	0.243	-	-	-	-	-	0.243
3.6) Undergraduate Military Flight Officer (UMFO) Training	A	-	-	-	-	-	1.836	-	-	-	-	-	-	-	-	-	-	-	-
3.7) USMC Federation Simulators	A	-	-	-	-	-	4.117	-	-	3.122	-	-	4.810	-	-	-	-	-	4.810
3.8) E-2/C-2	A	-	-	-	-	-	0.182	-	-	-	-	-	0.449	-	-	-	-	-	0.449
3.9) MH-53	A	-	-	-	-	-	0.146	-	-	0.230	-	-	0.135	-	-	-	-	-	0.135
3.10) Navy Aviation Simulator Master Plan	A	-	-	-	-	-	11.746	-	-	9.369	-	-	11.760	-	-	-	-	-	11.760
Subtotal 3) Production Engineering				0.000			21.661			15.793			20.373			0.000			20.373
4) Acceptance Testing																			
4.1) E-6	A	-	-	-	-	-	0.017	-	-	0.017	-	-	0.017	-	-	-	-	-	0.017

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy																Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1								P-1 Line Item Nomenclature: 0705 - Common Ground Equipment								Aggregated Item Name: OTHER FLIGHT TRAINING			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
4.2) EA-6B	A	-	-	-	-	-	0.363	-	-	0.250	-	-	0.262	-	-	-	-	-	0.262
4.3) EP-3	A	-	-	-	-	-	0.032	-	-	0.061	-	-	0.059	-	-	-	-	-	0.059
4.4) P-3C	A	-	-	-	-	-	0.206	-	-	0.231	-	-	0.200	-	-	-	-	-	0.200
4.5) Undergraduate Military Flight Officer (UMFO) Training	A	-	-	-	-	-	0.108	-	-	-	-	-	-	-	-	-	-	-	-
4.6) USMC Federation Simulators	A	-	-	-	-	-	0.143	-	-	0.228	-	-	0.232	-	-	-	-	-	0.232
4.7) Navy Aviation Simulation Master Plan	A	-	-	-	-	-	0.487	-	-	0.614	-	-	1.113	-	-	-	-	-	1.113
Subtotal 4) Acceptance Testing				0.000			1.356			1.401			1.883			0.000			1.883
5) Production Support																			
5.1) E-6	A	-	-	-	-	-	0.148	-	-	0.150	-	-	0.247	-	-	-	-	-	0.247
5.2) EA-6B	A	-	-	-	-	-	0.655	-	-	0.820	-	-	0.537	-	-	-	-	-	0.537
5.3) EP-3	A	-	-	-	-	-	0.319	-	-	0.366	-	-	0.416	-	-	-	-	-	0.416
5.4) F/A-18	A	-	-	-	-	-	0.456	-	-	0.380	-	-	0.389	-	-	-	-	-	0.389
5.5) P-3C	A	-	-	-	-	-	0.381	-	-	0.518	-	-	0.416	-	-	-	-	-	0.416
5.6) Undergraduate Military Flight Officer (UMFO) Training	A	-	-	-	-	-	1.188	-	-	-	-	-	-	-	-	-	-	-	-
5.7) E-2/C-2	A	-	-	-	-	-	0.092	-	-	-	-	-	0.175	-	-	-	-	-	0.175
5.8) MH-53	A	-	-	-	-	-	0.186	-	-	0.440	-	-	0.300	-	-	-	-	-	0.300
5.9) USMC Federation Simulators	A	-	-	-	-	-	3.529	-	-	2.922	-	-	2.593	-	-	-	-	-	2.593
5.10) Navy Aviation Simulation Master Plan	A	-	-	-	-	-	6.281	-	-	5.356	-	-	4.716	-	-	-	-	-	4.716
Subtotal 5) Production Support				0.000			13.235			10.952			9.789			0.000			9.789
Total				47.718			111.887			128.841			151.006			0.000			151.006
Remarks: ⁽¹⁶⁾ All Items: Due to multiple Requiring Financial Managers (RFMs) in prior years, detailed breakout of prior year data is not available. ⁽¹⁷⁾ 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 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1	P-1 Line Item Nomenclature: 0705 - Common Ground Equipment	Aggregated Item Name: OTHER FLIGHT TRAINING
<p>⁽¹⁸⁾Renaming: Next Generation Threat System (NGTS) to F/A-18 Tactical Operational Flight Trainer (TOFT) Upgrade</p> <p>⁽¹⁹⁾Upgrades do not increase inventory, thus no P20/P21 information is provided</p> <p>⁽²⁰⁾Upgrades do not increase inventory, thus no P20/P21 information is provided</p> <p>⁽²¹⁾Upgrades do not increase inventory, thus no P20/P21 information is provided</p> <p>⁽²²⁾Upgrades do not increase inventory, thus no P20/P21 information is provided</p> <p>⁽²³⁾Renaming: FA/EA-18 Threat System Instructor Operator Station (IOS) Upgrades to FA/EA-18 Host Computer/Instructor Operator Station (IOS) Upgrades</p>		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: OTHER FLIGHT TRAINING			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Hardware												
1.1) E-6 - Mission Crew Courseware		2011	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	Jun 2011	Dec 2012	1	1,530,000.00	Y		
1.1) E-6 - Mission Crew Courseware		2012	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	Mar 2012	Sep 2013	1	1,450,000.00	Y		
1.1) E-6 - Mission Crew Courseware		2013	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	Mar 2013	Sep 2014	1	455,000.00	Y		
1.2) E-6 - Maintenance Panel Trainer Upgrades		2011	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	Jun 2011	Dec 2012	3	523,000.00	Y		
1.2) E-6 - Maintenance Panel Trainer Upgrades		2012	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	Mar 2012	Sep 2013	3	496,000.00	Y		
1.2) E-6 - Maintenance Panel Trainer Upgrades		2013	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	Apr 2013	Oct 2014	1	475,000.00	Y		
1.4) EA-6B - Device 15E43 Rehost		2011	CTI / California, MD	C / FFP	NAWCWD	Mar 2011	Jul 2012	1	2,418,000.00	Y		Sep 2009
1.5) EA-6B - Device 2F188 Flight System/Weapon System Trainer (FS/ WST) Rehost		2012	CTI / California, MD	C / FFP	NAWCWD	Mar 2012	Jul 2013	1	2,696,000.00	Y		Sep 2009
1.6) EA-6B - Device 11H163 Aircraft Maintenance Training Unit (AMTU) Rehost		2013	CTI / California, MD	C / FFP	NAWCWD	Mar 2013	Jul 2014	1	2,975,000.00	Y		Sep 2009
1.10) EP-3 - 10H1 Device Upgrades		2011	CACI / Beavercreek, OH	SS / FFP	NSMA	Apr 2011	Feb 2012	1	674,000.00	Y		
1.10) EP-3 - 10H1 Device Upgrades		2012	CACI INC / Beavercreek, OH	SS / FFP	NSMA	Apr 2012	Mar 2013	1	290,000.00	Y		
1.10) EP-3 - 10H1 Device Upgrades		2013	CACI INC / Beavercreek, OH	SS / FFP	NSMA	Apr 2013	Mar 2014	1	295,000.00	Y		
1.11) EP-3 - Aircrew Computer-Based Training Upgrades		2012	Delex / Fairfax, VA	SS / FFP	NSMA	Mar 2012	Feb 2013	1	77,000.00	Y		
1.11) EP-3 - Aircrew Computer-Based Training Upgrades		2013	Delex / Fairfax, VA	SS / FFP	NSMA	Mar 2013	Feb 2014	1	75,000.00	Y		
1.12) EP-3 - Maintenance Training Decision Aid (MTDA) Upgrades		2012	Delex / Fairfax, VA	SS / FFP	NSMA	Mar 2012	Feb 2013	1	50,000.00	Y		
1.13) EP-3 - Maintenance Computer-Based Training Upgrades		2012	Delex / Fairfax, VA	SS / FFP	NSMA	Mar 2012	Feb 2013	1	111,000.00	Y		
1.13) EP-3 - Maintenance Computer-Based Training Upgrades		2013	Delex / Fairfax, VA	SS / FFP	NSMA	Mar 2013	Feb 2014	1	156,000.00	Y		
1.14) EP-3 - Classroom Upgrades		2011	Delex / Fairfax, VA	SS / FFP	NSMA	Apr 2011	Oct 2011	1	60,000.00	Y		
1.15) F/A-18 - Software Action Team (SAT) Upgrades		2011	L3 / Arlington, VA	SS / FFP	NAWCTSD	Mar 2011	Sep 2012	1	649,000.00	Y		
1.15) F/A-18 - Software Action Team (SAT) Upgrades		2012	L3 / Arlington, VA	SS / FFP	NAWCTSD	Mar 2012	Sep 2013	1	624,000.00	Y		
1.15) F/A-18 - Software Action Team (SAT) Upgrades		2013	L3 / Arlington, VA	SS / FFP	NAWCTSD	Mar 2013	Sep 2014	1	650,000.00	Y		
1.16) F/A-18 - Visual System Upgrades		2012	L3 / Arlington, VA	SS / FFP	NAWCTSD	Apr 2012	Apr 2013	1	1,824,000.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: OTHER FLIGHT TRAINING			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.16) F/A-18 - Visual System Upgrades		2013	L3 / Arlington, VA	SS / FFP	NAWCTSD	Apr 2013	Apr 2014	1	1,646,000.00	Y		
1.17) F/A-18 - Simulator Tech Upgrades		2012	L3 / Arlington, VA	SS / FFP	NAWCTSD	Apr 2012	Apr 2013	1	1,813,000.00	Y		
1.17) F/A-18 - Simulator Tech Upgrades		2013	L3 / Arlington, VA	SS / FFP	NAWCTSD	Apr 2013	Apr 2014	1	1,639,000.00	Y		
1.18) F/A-18 - Information Assurance Upgrades		2012	L3 / Arlington, VA	SS / FFP	NAWCTSD	Apr 2012	Apr 2013	1	422,000.00	Y		
1.18) F/A-18 - Information Assurance Upgrades		2013	L3 / Arlington, VA	SS / FFP	NAWCTSD	Apr 2013	Apr 2014	1	470,000.00	Y		
1.19) F/A-18 - Tactical Operational Flight Trainer (TOFT) 16 Upgrade		2011	L3 / Arlington, VA	SS / FFP	NAWCTSD	Jul 2011	Dec 2011	1	1,400,000.00	Y		
1.20) P-3C - 2F87 Projector Upgrades		2011	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Jul 2011	Nov 2011	1	300,000.00	Y		
1.20) P-3C - 2F87 Projector Upgrades		2012	Q4 Services / Orlando, FL	SS / FFP	NAWCTSD	Mar 2012	Mar 2013	1	300,000.00	Y		
1.21) P-3C - Display Debrief Upgrades		2012	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Mar 2012	Mar 2013	1	175,000.00	Y		
1.23) P-3C - System Avionic Integration Laboratory Upgrades		2012	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Mar 2012	Mar 2013	1	150,000.00	Y		
1.23) P-3C - System Avionic Integration Laboratory Upgrades		2013	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Mar 2013	Mar 2014	1	100,000.00	Y		
1.24) P-3C - Tactical Operation Readiness Trainer (TORT) Upgrades		2011	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Feb 2011	Feb 2012	1	349,000.00	Y		
1.24) P-3C - Tactical Operation Readiness Trainer (TORT) Upgrades		2012	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Mar 2012	Mar 2013	1	240,000.00	Y		
1.24) P-3C - Tactical Operation Readiness Trainer (TORT) Upgrades		2013	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Mar 2013	Mar 2014	1	484,000.00	Y		
1.25) P-3C - Trainer Upgrade		2013	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Mar 2013	Mar 2014	1	75,000.00	Y		
1.27) P-3C - Image Generator(IG) Rehost		2012	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Mar 2012	Mar 2013	1	100,000.00	Y		
1.28) P-3C - TORT Avionic Improvement Program Upgrades		2013	Q4 Services LLC. / Orlando, FL	SS / FFP	NAWCTSD	Feb 2013	Feb 2014	1	522,000.00	Y		
1.29) Undergraduate Military Flight Officer (UMFO) Training - Right Hand Controller Upgrades		2010	Boeing / St. Louis, MO	SS / FFP	NAWCTSD	Apr 2011	Apr 2013	1	500,000.00	Y		
1.30) Undergraduate Military Flight Officer (UMFO) Training - Visual Database System Upgrades		2010	Boeing / St. Louis, MO	SS / FFP	NAWCTSD	Aug 2011	Apr 2013	1	3,990,329.00	Y		
†1.31) Undergraduate Military Flight Officer (UMFO) Training - Multi-Crew Simulator Trainer (MCS) ⁽²⁴⁾		2011	CAE / Tampa, FL	C / FFP	NAWCTSD	Sep 2011	Sep 2013	1	14,300,000.00	Y		Sep 2010

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: OTHER FLIGHT TRAINING			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.32) Undergraduate Military Flight Officer (UMFO) Training - Interactive Courseware MCS		2011	TBD / TBD	C / FFP	NAWCTSD	Aug 2012	Jul 2013	1	3,300,000.00	Y		
1.33) USMC Federation Simulators - USMC Common Visual Database Upgrades		2011	To Be Determined / TBD	C / FFP	NAWCTSD	Jun 2012	Jun 2013	1	1,992,000.00	Y		Jun 2011
1.33) USMC Federation Simulators - USMC Common Visual Database Upgrades		2012	TBD / TBD	C / FFP	NAWCTSD	Mar 2012	Apr 2013	1	1,346,000.00	Y		Oct 2011
1.34) USMC Federation Simulators - Marine Aircraft Weapon Training Squadron (MAWTS) Courseware U		2011	Carley Group / Orlando, FL	SS / FFP	NAWCTSD	Jun 2011	Apr 2012	1	704,000.00	Y		
†1.36) USMC Federation Simulators - Marine Common Aircrew Trainer Containerized Flight Trng Devic		2012	TBD / TBD	C / FFP	NAWCTSD	Apr 2012	May 2014	1	10,426,000.00	Y		Oct 2011
†1.36) USMC Federation Simulators - Marine Common Aircrew Trainer Containerized Flight Trng Devic		2013	TBD / TBD	C / FFP	NAWCTSD	Apr 2013	May 2015	1	10,201,000.00	Y		Oct 2011
1.37) USMC Federation Simulators - Marine Common Aircrew Trainer (MCAT) Upgrades		2011	Pathfinder Systems / Lakewood, CO	SS / FFP	NAWCTSD	Aug 2011	Dec 2011	1	950,000.00	Y		
1.38) USMC Federation Simulators - Marine Common Aircrew Trainer (MCAT) 2H160-2 Upgrades		2010	Pathfinder Systems / Lakewood, CO	SS / FFP	NAWCTSD	Aug 2011	Jun 2013	1	6,769,081.00	Y		
1.39) USMC Federation Simulators - ADVTE/Supporting Arms Virtual Training (SAVT) Interoperabilit		2011	Veraxx / Chantilly,VA	SS / FFP	NAWTSD	May 2011	Mar 2013	1	1,986,000.00	Y		
1.40) USMC Federation Simulators - Hawaii Database Upgrades		2011	Aechelon / San Francisco, CA	SS / FFP	NAWCTSD	Oct 2011	Dec 2011	1	1,440,000.00	Y		Jun 2011
†1.41) USMC Federation Simulators - CH-53E CFTD New Procurement		2009	NAWCAD / Patuxent River, MD	PO	NAWCAD PAX	Mar 2010	Jun 2012	1	12,435,476.00	Y		
†1.41) USMC Federation Simulators - CH-53E CFTD New Procurement		2013	TBD / TBD	C / FFP	NAWCTSD	Aug 2013	Aug 2015	1	12,650,000.00	Y		Feb 2013
1.43) USMC Federation Simulators - CH-53E Aircrew Procedure Trainer (APT) 2F190-2/2F190-1 Upgrad		2013	TBD / TBD	C / FFP	NAWCTSD	Aug 2013	Feb 2015	2	1,000,500.00	Y		Feb 2013
1.45) USMC Federation Simulators - CH-53E 2F174-1&2 Weapon System Trainer (WST) Visual Upgrades		2013	TBD / TBD	C / FFP	NAWCTSD	Sep 2013	Sep 2015	2	4,160,500.00	Y		Mar 2013
1.46) USMC Federation Simulators - KC-130J Upgrades ⁽²⁵⁾		2011	Lockheed Martin / Orlando, FL	C / FFP	USAF MATL CMD	Sep 2011	Sep 2013	1	7,900,000.00	N		Sep 2011

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: OTHER FLIGHT TRAINING			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.46) USMC Federation Simulators - KC-130J Upgrades ⁽²⁶⁾		2012	Lockheed Martin / Orlando, FL	C / FFP	USAF MATL CMD	Mar 2012	Mar 2014	1	5,928,000.00	N		Sep 2011
1.47) USMC Federation Simulators - AH-1Z Flight Training Device (FTD) Tech/Visual Upgrades ⁽²⁷⁾		2010	Bell Textron / Providence, RI	SS / FFP	NAWCTSD	Aug 2011	Aug 2012	1	2,254,851.00	N		
1.47) USMC Federation Simulators - AH-1Z Flight Training Device (FTD) Tech/Visual Upgrades ⁽²⁸⁾		2011	Bell Textron Inc / Providence, RI	SS / FFP	NAWCTSD	Oct 2011	Dec 2012	1	4,200,000.00	N		
1.48) USMC Federation Simulators - H-1 Aircrew Courseware Upgrades		2011	TBD / TBD	C / FFP	NAWCTSD	Feb 2012	Mar 2013	1	1,100,000.00	Y		Aug 2011
1.50) USMC Federation Simulators - UH-1Y Full Flight Simulator (FFS) Tech/Visual Upgrade		2013	Bell Textron / Providence, RI	SS / FFP	NAWCTSD	Sep 2013	Sep 2015	1	4,829,000.00	Y		
1.51) USMC Federation Simulators - MV-22 Flight Training Device (FTD) Tech/Visual Upgrades		2012	TBD / TBD	SS / FFP	NAWCTSD	Mar 2012	Aug 2013	6	1,100,000.00	Y		
1.54) USMC Federation Simulators - AV-8B Maintenance Trainer Upgrades		2013	TBD / TBD	C / FFP	NAWCTSD	Aug 2013	Dec 2014	4	377,250.00	Y		Feb 2013
1.55) USMC Federation Simulators - AV-8B Deployable Mission Rehearsal Trainer		2013	TBD / TBD	C / FFP	NAWCTSD	Aug 2013	Aug 2015	1	3,500,000.00	Y		Feb 2013
†1.58) USMC Federation Simulators - VH-60 Containerized Flight Training Device (CFTD) New Procure		2012	NAWCAD / Patuxent River, MD	PO	NAWCAD PAX	Sep 2012	Dec 2014	1	12,000,000.00	Y		
1.61) E-2/C-2 - E2 Weapons Systems Trainer (WST) Tech Upgrades		2011	TBD / TBD	C / FFP	NAWCTSD	Jan 2012	Nov 2013	2	1,256,000.00	Y		Nov 2010
1.62) E-2/C-2 - E2 Simulated Maintenance Trainer (SMT) Tech Upgrades		2011	TBD / TBD	C / FFP	NAWCTSD	Jan 2012	Nov 2013	1	2,208,000.00	Y		Nov 2010
1.63) E-2/C-2 - C2 Operational Flight Trainer (OFT) Tech Upgrades		2013	TBD / TBD	C / FFP	NAWCTSD	Nov 2012	Nov 2014	2	3,089,000.00	Y		Nov 2010
1.65) H-60F/H - Legacy Trainer Upgrades		2011	NADEP / San Diego, CA	WR	NAWCTSD	Nov 2010	Oct 2011	2	139,000.00	Y		
1.66) MH-53 - External Trainers Upgrades		2011	TBD / TBD	C / FFP	NAWCTSD	Feb 2012	Jul 2012	1	250,000.00	Y		May 2011
1.67) MH-53 - Airborne Mine Countermeasure Stream & Recovery Module (ASRM) Upgrades		2011	H2 IT Solutions / Orlando, FL	C / FFP	NAWCTSD	Sep 2011	Sep 2012	1	1,033,000.00	Y		May 2011
1.68) MH-53 - Airborne Mine Countermeasure (AVCM) Configuration Trainer Upgrades		2012	TBD / TBD	C / FFP	NAWCTSD	Mar 2012	Dec 2012	1	742,000.00	Y		Sep 2011

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: OTHER FLIGHT TRAINING			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.69) MH-53 - Classroom Upgrades		2012	TBD / TBD	C / FFP	NAWCTSD	Mar 2012	Sep 2012	1	300,000.00	Y		Sep 2011
1.70) MH-53 - 2F141 Operation Flight Trainer (OFT) Rehost		2013	TBD / TBD	C / FFP	NAWCTSD	Mar 2013	Mar 2015	1	4,890,000.00	Y		Sep 2012
1.71) MH-53 - Cargo Trainer		2013	TBD / TBD	C / FFP	NAWCTSD	Mar 2013	Mar 2015	1	673,000.00	Y		Sep 2012
1.73) Fleet Aircrew Simulator Training (FAST) - E-6 Operational Flight Trainer (OFT)		2010	L3 Link Simulation & Training / Arlington, VA	SS / FFP	NAWCTSD	May 2011	Feb 2013	2	1,050,000.00	Y		
1.74) Fleet Aircrew Simulator Training (FAST) - NASMP Common Support Product (CSP) NGTS v3.0		2010	NAWCAD / Patuxent River, MD	WR	NAWCAD PAX	Jan 2010	Dec 2013	1	2,500,000.00	Y		
1.75) Fleet Aircrew Simulator Training (FAST) - P-3 Tactical Operation Readiness Trainer (TORT)		2010	L-3 / Arlington, TX	SS / FFP	NAWCTSD	Aug 2011	Aug 2013	6	2,533,333.00	Y		
1.76) Fleet Aircrew Simulator Training (FAST) - MH-60S NASMP Upgrades		2010	CAE / Tampa, FL	SS / FFP	NAWCAD PAX	Aug 2011	Apr 2012	1	1,202,000.00	Y		
1.77) Fleet Aircrew Simulator Training (FAST) - CASE/Common Ocean Model		2010	AAC Inc. / Hauppauge, NY	SS / FFP	NAWCTSD	Jul 2011	Jul 2012	1	767,597.00	Y		
1.78) Navy Aviation Simulation Master Plan - NAE Priority Upgrades		2012	TBD / TBD	SS / FFP	NAWCTSD	Jul 2012	Apr 2014	1	1,336,000.00	Y		
1.79) Navy Aviation Simulation Master Plan - Gryphon Safe III		2012	TBD / TBD	SS / FFP	NAWCAD PAX	Apr 2012	Apr 2014	2	383,500.00	Y		
1.80) Navy Aviation Simulation Master Plan - Joint Voice Communication Validation Tool		2011	NAWCTSD / Orlando, CA	WR	NAWCTSD	Apr 2011	Apr 2013	1	207,000.00	Y		
1.81) Navy Aviation Simulation Master Plan - Navy Continuous Training Environment (NCTE) Nodes U		2012	TBD / TBD	SS / FFP	NWDC Norfolk	Apr 2012	Jan 2014	1	375,000.00	Y		
1.81) Navy Aviation Simulation Master Plan - Navy Continuous Training Environment (NCTE) Nodes U		2013	TBD / TBD	SS / FFP	NWDC Norfolk	Apr 2013	Jan 2015	2	375,000.00	Y		
†1.86) Navy Aviation Simulation Master Plan - Aircrew Virtual Environment Trainer (AVET)		2012	TBD / TBD	SS / FFP	NAWCTSD	Apr 2012	Jan 2014	1	9,000,000.00	Y		
†1.86) Navy Aviation Simulation Master Plan - Aircrew Virtual Environment Trainer (AVET)		2013	TBD / TBD	SS / FFP	NAWCTSD	Apr 2013	Jan 2015	1	10,200,000.00	Y		
1.87) Navy Aviation Simulation Master Plan - H-60S Threat Attributes Integration & Retrofit AVET		2013	TBD / TBD	SS / FFP	NAWCTSD	Apr 2013	Apr 2015	1	4,600,000.00	Y		
1.88) Navy Aviation Simulation Master Plan - H-60S Threat System Upgrades		2012	CAE / Tampa, FL	SS / FFP	NAWCTSD	Apr 2012	Apr 2014	1	1,032,000.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment						Aggregated Item Name: OTHER FLIGHT TRAINING		
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.88) Navy Aviation Simulation Master Plan - H-60S Threat System Upgrades		2013	CAE / Tampa, FL	SS / FFP	NAWCTSD	Apr 2013	Apr 2015	1	1,978,000.00	Y		
1.89) Navy Aviation Simulation Master Plan - H-60R Threat System Upgrades		2012	CAE / Tampa, FL	SS / FFP	NAWCTSD	Apr 2012	Apr 2014	1	270,000.00	Y		
1.90) Navy Aviation Simulation Master Plan - H-60R Anti-Submarine Warfare (ASW) Upgrades		2012	AAC Inc. / Hauppauge, NY	SS / FFP	NAWCTSD	Apr 2012	Apr 2014	1	2,750,000.00	Y		
1.91) Navy Aviation Simulation Master Plan - H-60R Entity Management		2013	CAE / Tampa, FL	SS / FFP	NAWCTSD	Apr 2013	Apr 2015	4	50,000.00	Y		
1.92) Navy Aviation Simulation Master Plan - H-60R Link 16		2013	CAE / Tampa, FL	SS / FFP	NAWCTSD	Apr 2013	Apr 2015	4	75,000.00	Y		
†1.93) Navy Aviation Simulation Master Plan - H-60R Naval Aircrew Training Systems		2013	CAE / Tampa, FL	SS / FFP	NAWCTSD	Apr 2013	Apr 2015	1	9,500,000.00	Y		Sep 2012
1.94) Navy Aviation Simulation Master Plan - H-60R Aero Model Upgrades		2013	CAE / Tampa, FL	SS / FFP	NAWCTSD	Apr 2013	Apr 2015	4	75,000.00	Y		
1.95) Navy Aviation Simulation Master Plan - H-60R Distributed Training		2013	CAE / Tampa, FL	SS / FFP	NAWCTSD	Apr 2013	Apr 2015	4	37,500.00	Y		
1.96) Navy Aviation Simulation Master Plan - H-60R Upgrades		2013	CAE / Tampa, FL	SS / FFP	NAWCTSD	Apr 2013	Apr 2015	7	1,517,000.00	Y		
1.98) Navy Aviation Simulation Master Plan - FA/EA-18 Cockpit Fidelity Upgrades		2011	Boeing / St. Louis, MO	SS / FFP	NAWCTSD	Jan 2012	Jan 2014	1	3,000,000.00	Y		
1.99) Navy Aviation Simulation Master Plan - FA/EA-18 Next Generation Threat System (NGTS) Upgra		2011	NAWCAD / Patuxent River, MD	WR	NAWCAD PAX	Sep 2011	Sep 2013	1	3,000,000.00	Y		
1.99) Navy Aviation Simulation Master Plan - FA/EA-18 Next Generation Threat System (NGTS) Upgra		2013	NAWCAD / Patuxent River, MD	WR	NAWCAD PAX	Apr 2013	Apr 2015	1	6,000,000.00	Y		
1.100) Navy Aviation Simulation Master Plan - FA/EA-18 System Fidelity Upgrades (TECR)		2011	Boeing / St. Louis, MO	SS / FFP	NAWCTSD	Jan 2012	Jan 2014	1	3,000,000.00	Y		
1.102) Navy Aviation Simulation Master Plan - FA/EA-18 Weapons Simulation Upgrades		2013	L3 Link Simulation & Training / Arlington, VA	SS / FFP	NAWCTSD	Jan 2013	Jan 2015	1	1,719,000.00	Y		
1.105) Navy Aviation Simulation Master Plan - FA/EA-18 Host/ Computer Instructor Operator Station		2012	L3 Link Simulation & Training / Arlington, VA	SS / FFP	NAWCTSD	Apr 2012	Apr 2014	1	3,000,000.00	Y		
1.105) Navy Aviation Simulation Master Plan - FA/EA-18 Host/ Computer Instructor Operator Station		2013	L3 Link Simulation & Training / Arlington, VA	SS / FFP	NAWCTSD	Dec 2012	Dec 2014	1	4,000,000.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0705 - Common Ground Equipment					Aggregated Item Name: OTHER FLIGHT TRAINING			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.107) Navy Aviation Simulation Master Plan - FA/EA-18 Visual Database Upgrades		2012	L3 Link Simulation & Training / Arlington, VA	SS / FFP	NAWCTSD	Apr 2012	Apr 2014	1	9,609,000.00	Y		
†1.108) Navy Aviation Simulation Master Plan - FA/EA-18 Visual Display		2012	L3 Link Simulation & Training / Arlington, VA	SS / FFP	NAWCTSD	Apr 2012	Apr 2013	8	2,481,250.00	Y		
1.109) Navy Aviation Simulation Master Plan - FA/EA-18 EW Models/ NGTS Integration		2011	L3 Link Simulation & Training / Arlington, VA	SS / FFP	NAWCTSD	Jan 2012	Jan 2014	1	4,000,000.00	Y		
1.110) Navy Aviation Simulation Master Plan - FA/EA-18 IOS Computers, Monitors & Battle Monitor		2011	L3 Link Simulation & Training / Arlington, VA	SS / FFP	NAWCTSD	Jan 2012	Jan 2014	1	2,471,000.00	Y		
1.111) Navy Aviation Simulation Master Plan - NASMP Common Support Product (CSP) NGTS v3.0		2011	NAWCAD / Patuxent River, MD	WR	NAWCAD PAX	Jan 2011	Dec 2013	1	2,500,000.00	Y		
Remarks: (24) TBD - Contractor and location can't be determined at this time; all competitive solicitations. (25) Proprietary Lockheed Martin Technical Data (26) Proprietary Lockheed Martin Technical Data (27) Proprietary Bell Textron Technical Data (28) Proprietary Bell Textron Technical Data												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1										P-1 Line Item Nomenclature: 0705 - Common Ground Equipment										Aggregated Item Name: OTHER FLIGHT TRAINING																	
COST ELEMENTS Units in Each							Fiscal Year 2012										Fiscal Year 2013																				
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012																				Calendar Year 2013										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
1) Hardware																																					
1.31) Undergraduate Military Flight Officer (UMFO) Training - Multi-Crew Simulator Trainer (MCS)																																					
	15	2011	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1						
1.36) USMC Federation Simulators - Marine Common Aircrew Trainer Containerized Flight Trng Devic																																					
	16	2012	NAVY	1	0	1	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1						
	16	2013	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	1					
1.41) USMC Federation Simulators - CH-53E CFTD New Procurement																																					
	17	2013	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	1					
	18	2009	NAVY	1	0	1	-	-	-	-	-	-	-	-	1																						
1.58) USMC Federation Simulators - VH-60 Containerized Flight Training Device (CFTD) New Procure																																					
	19	2012	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1					
1.86) Navy Aviation Simulation Master Plan - Aircrew Virtual Environment Trainer (AVET)																																					
	20	2012	NAVY	1	0	1	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1					
	20	2013	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	1					
1.93) Navy Aviation Simulation Master Plan - H-60R Naval Aircrew Training Systems																																					
	21	2013	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	1					
1.108) Navy Aviation Simulation Master Plan - FA/EA-18 Visual Display																																					
	22	2012	NAVY	8	0	8	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2								
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1										P-1 Line Item Nomenclature: 0705 - Common Ground Equipment													Aggregated Item Name: OTHER FLIGHT TRAINING																
COST ELEMENTS Units in Each							Fiscal Year 2014													Fiscal Year 2015																			
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014																				Calendar Year 2015												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P									
1) Hardware																																							
1.31) Undergraduate Military Flight Officer (UMFO) Training - Multi-Crew Simulator Trainer (MCS)																																							
	15	2011	NAVY	1	1	0																																	
1.36) USMC Federation Simulators - Marine Common Aircrew Trainer Containerized Flight Trng Devic																																							
	16	2012	NAVY	1	0	1	-	-	-	-	-	-	-	1																									
	16	2013	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1									
1.41) USMC Federation Simulators - CH-53E CFTD New Procurement																																							
	17	2013	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1								
	18	2009	NAVY	1	1	0																																	
1.58) USMC Federation Simulators - VH-60 Containerized Flight Training Device (CFTD) New Procure																																							
	19	2012	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1																	
1.86) Navy Aviation Simulation Master Plan - Aircrew Virtual Environment Trainer (AVET)																																							
	20	2012	NAVY	1	0	1	-	-	-	1																													
	20	2013	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1																	
1.93) Navy Aviation Simulation Master Plan - H-60R Naval Aircrew Training Systems																																							
	21	2013	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1												
1.108) Navy Aviation Simulation Master Plan - FA/EA-18 Visual Display																																							
	22	2012	NAVY	8	8	0																																	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P									

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1	P-1 Line Item Nomenclature: 0705 - Common Ground Equipment	Aggregated Item Name: OTHER FLIGHT TRAINING

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	CAE - Tampa, FL	0	0	0	0	0	24	24	0	0	0	0
2	TBD - TBD	1	2	4	0	7	25	32	0	7	25	32
3	TBD - TBD	0	0	0	0	0	24	24	0	0	0	0
4	NAWCAD - Patuxent River, MD	0	0	0	0	0	27	27	0	0	0	0
5	NAWCAD - Patuxent River, MD	1	1	1	0	3	27	30	0	0	0	0
6	TBD - TBD	1	1	2	0	0	0	0	0	7	21	28
7	CAE - Tampa, FL	1	1	2	0	0	0	0	0	7	24	31
8	L3 Link Simulation & Training - Arlington, VA	8	13	16	0	7	12	19	0	7	12	19

Remarks:

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities	P-1 Line Item Nomenclature: 0715 - Aircraft Industrial Facilities
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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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	944.621	17.895	22.358	23.469	-	23.469	27.513	25.443	25.870	26.320	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	944.621	17.895	22.358	23.469	-	23.469	27.513	25.443	25.870	26.320	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	944.621	17.895	22.358	23.469	-	23.469	27.513	25.443	25.870	26.320	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION: This budget line item funds two programs: Calibration Equipment & Contractor Facilities

Calibration Equipment Description:

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 Intermediate ("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 Description:

NAVAIR owns one active, contractor operated aircraft manufacturing plants and several hundred acres of environmentally contaminated land at two former plants. NAVAIR is the environmental permittee at one site, legally responsible for environmental compliance including cleanup of offsite private property contaminated by activity originating on NAVAIR property. All NAVAIR property is in the process of disposal, but federal law requires environmental cleanup to be completed and fair market value to be paid if property is sold. The ASN (I&E), OGC, GSA and NAVAIR are in charge of parts of the disposal process which cannot be controlled by NAVAIR. Therefore final disposal dates are uncertain. This budget funds costs associated with property ownership including management of existing leases at operating facilities. This is a bill that has to be paid until divestiture is complete.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA
1 : Aircraft Support Equip & Facilities

P-1 Line Item Nomenclature:
0715 - Aircraft Industrial Facilities

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Aircraft Industrial Facilities (See enclosed P-40A)	P40A, P5A				944.621			17.895			22.358			23.469			0.000			23.469
Total Gross/Weapon System Cost					944.621			17.895			22.358			23.469			-			23.469

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

Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy	Date: February 2012
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Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1	P-1 Line Item Nomenclature: 0715 - Aircraft Industrial Facilities	Aggregated Item Name: Aircraft Industrial Facilities
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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) Automated / Interface CALSTDs	A	-	-	11.840	2,490.00	221	0.550	2,540.00	84	0.213	2,580.00	136	0.351	-	-	-	2,580.00	136	0.351
† 2) Low Frequency AC/DC CALSTDs	A	-	-	93.486	15,820.00	141	2.231	16,550.00	140	2.317	17,530.00	296	5.190	-	-	-	17,530.00	296	5.190
† 3) Other CALSTDs Procurement	A	-	-	12.372	9,010.00	302	2.722	14,830.00	145	2.150	5,830.00	97	0.565	-	-	-	5,830.00	97	0.565
† 4) Physical Dimen / Optical CALSTDs	A	-	-	113.980	24,920.00	141	3.513	24,980.00	212	5.296	34,000.00	232	7.889	-	-	-	34,000.00	232	7.889
† 5) RF / Microwave CALSTDs	A	-	-	88.246	21,930.00	194	4.255	26,440.00	260	6.875	23,580.00	217	5.117	-	-	-	23,580.00	217	5.117
† 6) Res / Impedance CALSTDs	A	-	-	37.781	2,390.00	108	0.258	2,450.00	126	0.309	2,480.00	130	0.322	-	-	-	2,480.00	130	0.322
7) Logistics / Engineering Support	A	-	-	35.398	-	-	2.289	-	-	1.786	-	-	1.767	-	-	-	-	-	1.767
8) Production / Aquisition ⁽¹⁾	A	-	-	70.112	-	-	1.092	-	-	1.241	-	-	1.253	-	-	-	-	-	1.253
9) Generator Converter Unit SCR DCT	A	-	-	-	-	-	-	-	-	1.170	-	-	-	-	-	-	-	-	-
10) Divestiture Support	A	-	-	481.406	-	-	0.985	-	-	1.001	-	-	1.015	-	-	-	-	-	1.015
Subtotal 1) Aircraft Industrial Facilities				944.621			17.895			22.358			23.469			0.000			23.469
Total				944.621			17.895			22.358			23.469			0.000			23.469

Remarks:

⁽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-5A, Budget Procurement History and Planning: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0715 - Aircraft Industrial Facilities						Aggregated Item Name: Aircraft Industrial Facilities		
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Aircraft Industrial Facilities												
1) Automated / Interface CALSTDs ⁽²⁾		2011	Various / Various	C / FP	Multiple	Oct 2010	Oct 2010	221	2,490.00	Y		
1) Automated / Interface CALSTDs ⁽³⁾		2012	Various / Various	C / FP	Multiple	Oct 2011	Oct 2011	84	2,540.00	Y		
1) Automated / Interface CALSTDs ⁽⁴⁾		2013	Various / Various	C / FP	Multiple	Oct 2012	Oct 2012	136	2,580.00	Y		
2) Low Frequency AC/DC CALSTDs ⁽⁵⁾		2011	Various / Various	C / FP	Multiple	Oct 2010	Oct 2010	141	15,820.00	Y		
2) Low Frequency AC/DC CALSTDs ⁽⁶⁾		2012	Various / Various	C / FP	Multiple	Oct 2011	Oct 2011	140	16,550.00	Y		
2) Low Frequency AC/DC CALSTDs ⁽⁷⁾		2013	Various / Various	C / FP	Multiple	Oct 2012	Oct 2012	296	17,530.00	Y		
3) Other CALSTDs Procurement ⁽⁸⁾		2011	Various / Various	C / FP	Multiple	Oct 2010	Oct 2010	302	9,010.00	Y		
3) Other CALSTDs Procurement ⁽⁹⁾		2012	Various / Various	C / FP	Multiple	Oct 2011	Oct 2011	145	14,830.00	Y		
3) Other CALSTDs Procurement ⁽¹⁰⁾		2013	Various / Various	C / FP	Multiple	Oct 2012	Oct 2012	97	5,830.00	Y		
4) Physical Dimen / Optical CALSTDs ⁽¹¹⁾		2011	Various / Various	C / FP	Multiple	Oct 2010	Oct 2010	141	24,920.00	Y		
4) Physical Dimen / Optical CALSTDs ⁽¹²⁾		2012	Various / Various	C / FP	Multiple	Oct 2011	Oct 2011	212	24,980.00	Y		
4) Physical Dimen / Optical CALSTDs ⁽¹³⁾		2013	Various / Various	C / FP	Multiple	Oct 2012	Oct 2012	232	34,000.00	Y		
5) RF / Microwave CALSTDs ⁽¹⁴⁾		2011	Various / Various	C / FP	Multiple	Oct 2010	Oct 2010	194	21,930.00	Y		
5) RF / Microwave CALSTDs ⁽¹⁵⁾		2012	Various / Various	C / FP	Multiple	Oct 2011	Oct 2011	260	26,440.00	Y		
5) RF / Microwave CALSTDs ⁽¹⁶⁾		2013	Various / Various	C / FP	Multiple	Oct 2012	Oct 2012	217	23,580.00	Y		
6) Res / Impedance CALSTDs ⁽¹⁷⁾		2011	Various / Various	C / FP	Multiple	Oct 2010	Oct 2010	108	2,390.00	Y		
6) Res / Impedance CALSTDs ⁽¹⁸⁾		2012	Various / Various	C / FP	Multiple	Oct 2011	Oct 2011	126	2,450.00	Y		
6) Res / Impedance CALSTDs ⁽¹⁹⁾		2013	Various / Various	C / FP	Multiple	Oct 2012	Oct 2012	130	2,480.00	Y		
Remarks: ⁽²⁾ RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A ⁽³⁾ RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A ⁽⁴⁾ RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A ⁽⁵⁾ RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A ⁽⁶⁾ RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A ⁽⁷⁾ RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A ⁽⁸⁾ RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A ⁽⁹⁾ RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1	P-1 Line Item Nomenclature: 0715 - Aircraft Industrial Facilities	Aggregated Item Name: Aircraft Industrial Facilities
<p>⁽¹⁰⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p> <p>⁽¹¹⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p> <p>⁽¹²⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p> <p>⁽¹³⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p> <p>⁽¹⁴⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p> <p>⁽¹⁵⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p> <p>⁽¹⁶⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p> <p>⁽¹⁷⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p> <p>⁽¹⁸⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p> <p>⁽¹⁹⁾RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A</p>		

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities							P-1 Line Item Nomenclature: 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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	725.995	25.104	27.300	43.383	-	43.383	34.598	27.111	35.889	45.485	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	725.995	25.104	27.300	43.383	-	43.383	34.598	27.111	35.889	45.485	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	725.995	25.104	27.300	43.383	-	43.383	34.598	27.111	35.889	45.485	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
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. In FY11, External Fuel Tank (EFT) funds were realigned from PE 0204164N to PE 0204161N. 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. - Funding for BRU-55s (Bomb Rack Unit) in FY16-17 transferred from BRU-61 due to delay of the effort. Funding transfer approved by direction of OPNAV resource sponsor. - 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 22 units for IOC, 4 for First Article Test (FAT) and funding for production line start costs. As a result of the change in acquisition strategy from sole source to competition, the unit cost for the units have increased. - Dual Carriage Smart (1760) Bomb Rack - BRU-33 upgrade to allow for dual carriage of 1760 class weapons while retaining legacy weapons carriage. -The Multi-Purpose Bomb Rack (MPBR) program was terminated on April 14, 2011 and removed from the budget.												
AERIAL REFUELING STORES (ARS)												

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

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities	P-1 Line Item Nomenclature: 0720 - War Consumables
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ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items: 0204164N, 0204161N	Other Related Program Elements: 0205633N
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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 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
- 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.
- External Fuel Tank Support Equipment

FY13 provides funding to procure, modify and/or upgrade bomb racks and missile launchers, ARS, EFT's and associated support.

Item Schedule			Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
War Consumables (See enclosed P-40A)	P40A, P5A, P21				725.995			25.104			27.300			43.383			0.000			43.383
Total Gross/Weapon System Cost					725.995			25.104			27.300			43.383			-			43.383

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

Justification

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0720 - War Consumables							Aggregated Item Name: War Consumables					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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	-	-	27.242	-	-	1.808	-	-	5.000	-	-	2.100	-	-	-	-	-	2.100
1.2) Launcher Upgrade & Installation ⁽²⁾	A	-	-	36.615	-	-	1.313	-	-	5.355	-	-	7.330	-	-	-	-	-	7.330
† 1.3) LAU-7 ⁽³⁾	A	-	-	74.796	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.4) Pure Air Generating System MPACT	A	-	-	21.394	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) High Pressure Pure Air Generator HiPPAG	A	-	-	69.832	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.6) Common Interface Assembly	A	-	-	0.966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) Rack and Launcher Test Set	A	-	-	1.095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.8) External Fuel Tanks ⁽⁴⁾	A	-	-	62.805	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.9) External Fuel Tanks* ⁽⁵⁾	A	-	-	0.986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.10) External Fuel Tank Support Equipment	A	-	-	3.344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) BRU-55 ⁽⁶⁾	A	-	-	10.988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.12) Dual Carriage Smart Bomb Rack ⁽⁷⁾	A	-	-	-	-	-	-	-	-	-	95,000.00	231	21.945	-	-	-	95,000.00	231	21.945
† 1.13) Digital ITER ⁽⁸⁾	B	-	-	0.939	50,340.00	147	7.400	-	-	-	-	-	-	-	-	-	-	-	-
1.14) BRU-61 A/ A ⁽⁹⁾	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.15) BRU-61 A/ A Production Line Start Costs ⁽¹⁰⁾	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.16) BRU-61 A/A ILS ⁽¹¹⁾	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.17) BRU-61 A/A Production Engineering ⁽¹²⁾	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.18) ILS	A	-	-	6.751	-	-	0.262	-	-	1.048	-	-	1.046	-	-	-	-	-	1.046

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0720 - War Consumables							Aggregated Item Name: War Consumables					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
1.19) Product Improvement	A	-	-	27.069	-	-	2.107	-	-	4.801	-	-	1.991	-	-	-	-	-	1.991
1.20) Product Engineering	A	-	-	33.948	-	-	1.223	-	-	4.401	-	-	1.965	-	-	-	-	-	1.965
1.21) Various ⁽¹³⁾	A	-	-	131.124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) Common AAE				509.894			14.113			20.605			36.377			0.000			36.377
2) Aerial Refueling Stores																			
† 2.1) External Fuel Tanks	A	-	-	-	41,083.00	186	7.641	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Aerial Refueling Stores	A	-	-	44.880	-	-	2.554	-	-	4.831	-	-	4.939	-	-	-	-	-	4.939
2.3) Product Support	A	-	-	9.261	-	-	0.796	-	-	1.864	-	-	2.067	-	-	-	-	-	2.067
2.4) Various	A	-	-	161.960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) Aerial Refueling Stores				216.101			10.991			6.695			7.006			0.000			7.006
Total				725.995			25.104			27.300			43.383			0.000			43.383
Remarks:																			
⁽¹⁾ Quantities are not reflected due to the procurement of different bomb racks for multiple aircraft T/M/S.																			
⁽²⁾ Additional funding to FY13-FY15 to modify and upgrade LAU-127 launchers that are experiencing excessive wear and cracking.																			
⁽³⁾ Break in deliveries resulted from a (LAT) failure. Deliveries are back on schedule.																			
⁽⁴⁾ External Fuel Tank (EFT) funds have been realigned from PE 0204164N to PE 0204161N starting in FY11.																			
⁽⁵⁾ *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.																			
⁽⁶⁾ Funding for BRU-55s (Bomb Rack Unit) in FY16-17 transferred from BRU-61 due to delay of the effort.																			
⁽⁷⁾ Dual Carriage Smart Bomb Rack is added to the budget starting in FY13.																			
⁽⁸⁾ Contract award delay due to additional time needed to complete testing and design qualifications.																			
⁽⁹⁾ Effort delayed. Funding to start in FY18.																			
⁽¹⁰⁾ The USAF BRU-61 production ends with deliveries in FY13. Funding is required to start the Navy production line. Effort delayed. Funding to start in FY18.																			
⁽¹¹⁾ Effort delayed. Funding to start in FY18.																			
⁽¹²⁾ Effort delayed. Funding to start in FY18.																			
⁽¹³⁾ The amount identified against this cost element reflects total prior year funding associated with equipment no longer procured.																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1				P-1 Line Item Nomenclature: 0720 - War Consumables					Aggregated Item Name: War Consumables			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Common AAE												
†1.3) LAU-7		2007	Marvin Eng. / Inglewood, CA	C / FP	NAVAIR	Aug 2007	Nov 2010	194	31,324.00	Y		
†1.3) LAU-7		2008	Marvin Eng. / Inglewood, CA	C / FP	NAVAIR	Aug 2008	Jun 2011	568	29,408.00	Y		Jul 2007
†1.3) LAU-7		2009	Marvin Eng. / Inglewood, CA	C / FP	NAVAIR	Mar 2009	Apr 2012	464	30,437.00	Y		
†1.3) LAU-7		2010	Marvin Eng. / Inglewood, CA	C / FP	NAVAIR	Mar 2010	Dec 2012	373	31,413.00	Y		
†1.4) Pure Air Generating System MPACT		2009	Marrotta / Montville, NJ	C / FP	NAVAIR	Aug 2009	Apr 2010	464	17,127.00	Y		
†1.4) Pure Air Generating System MPACT		2010	Marrotta / Montville, NJ	C / FP	NAVAIR	Mar 2010	Feb 2011	377	16,474.00	Y		
†1.6) Common Interface Assembly		2010	Ultra Electronics / England	SS / FP	NAVAIR	Jan 2010	Dec 2010	379	2,015.00	Y		
†1.8) External Fuel Tanks		2008	Cyclone Industries / Israel	C / FP	NAVAIR	May 2009	Jul 2010	400	48,051.00	Y		Dec 2006
†1.8) External Fuel Tanks		2009	Cyclone Industries / Israel	C / FP	NAVAIR	Sep 2009	Jul 2011	400	45,794.00	Y		
†1.8) External Fuel Tanks		2010	Cyclone Industries / Israel	C / FP	NAVAIR	Jul 2010	Jul 2012	400	46,671.00	Y		
†1.9) External Fuel Tanks* ⁽¹⁴⁾		2010	Cyclone Industries / Israel	C / FP	NAVAIR	Jul 2011	Jul 2013	24	41,083.00	Y		
†1.12) Dual Carriage Smart Bomb Rack ⁽¹⁵⁾		2013	TBD / TBD	C / FP	NAVAIR	Mar 2013	Nov 2014	231	95,000.00	Y		
†1.13) Digital ITER		2011	ITT / Warminster, PA	SS / FP	Lakehurst SBIR	May 2012	Jul 2013	147	50,340.00	Y		
2) Aerial Refueling Stores												
†2.1) External Fuel Tanks		2011	Cyclone Industries / Israel	C / FP	NAVAIR	Jul 2011	Jul 2013	186	41,083.00	Y		Dec 2006
Remarks: ⁽¹⁴⁾ *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. ⁽¹⁵⁾ Dual carriage Smart Bomb Rack is added to the budget starting in FY13.												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012														
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1										P-1 Line Item Nomenclature: 0720 - War Consumables										Aggregated Item Name: War Consumables																	
COST ELEMENTS Units in Each							Fiscal Year 2011										Fiscal Year 2012																				
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																				Calendar Year 2012										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
1) Common AAE																																					
1.3) LAU-7																																					
	23	2007	NAVY	194	0	194	-	29	55	55	55																										
	23	2008	NAVY ⁽¹⁶⁾	568	0	568	-	-	-	-	-	-	-	55	55	55	55	55	55	55	55	55	55	18													
	23	2009	NAVY	464	0	464	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	55	55	55	55	55	152							
	23	2010	NAVY	373	0	373	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	373							
1.4) Pure Air Generating System MPACT																																					
	24	2009	NAVY	464	266	198	47	47	47	47	10																										
	24	2010	NAVY	377	0	377	-	-	-	-	47	47	47	47	48	47	47	47																			
1.6) Common Interface Assembly																																					
	25	2010	NAVY	379	0	379	-	-	10	48	48	48	48	48	48	33																					
1.8) External Fuel Tanks																																					
	26	2008	NAVY	400	100	300	33	34	33	34	33	33	34	33	33																						
	26	2009	NAVY	400	0	400	-	-	-	-	-	-	-	-	34	33	33	34	33	33	34	33	33	34	33	33											
	26	2010	NAVY	400	0	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	33	33	300						
1.9) External Fuel Tanks*																																					
	27	2010	NAVY	24	0	24	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24						
1.12) Dual Carriage Smart Bomb Rack																																					
	28	2013	NAVY	231	0	231	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	231						
1.13) Digital ITER																																					
	29	2011	NAVY	147	0	147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	147					
2) Aerial Refueling Stores																																					
2.1) External Fuel Tanks																																					
	30	2011	NAVY	186	0	186	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	186						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012													
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1										P-1 Line Item Nomenclature: 0720 - War Consumables										Aggregated Item Name: War Consumables																
COST ELEMENTS Units in Each							Fiscal Year 2013										Fiscal Year 2014																			
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013																			Calendar Year 2014										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
1) Common AAE																																				
1.3) LAU-7																																				
	23	2007	NAVY	194	194	0																														
	23	2008	NAVY ⁽¹⁶⁾	568	568	0																														
	23	2009	NAVY	464	312	152	55	55	42																											
	23	2010	NAVY	373	0	373	-	-	13	55	55	55	55	55	55	30																				
1.4) Pure Air Generating System MPACT																																				
	24	2009	NAVY	464	464	0																														
	24	2010	NAVY	377	377	0																														
1.6) Common Interface Assembly																																				
	25	2010	NAVY	379	379	0																														
1.8) External Fuel Tanks																																				
	26	2008	NAVY	400	400	0																														
	26	2009	NAVY	400	400	0																														
	26	2010	NAVY	400	100	300	34	33	33	34	33	33	34	33	33																					
1.9) External Fuel Tanks*																																				
	27	2010	NAVY	24	0	24	-	-	-	-	-	-	-	-	-	24																				
1.12) Dual Carriage Smart Bomb Rack																																				
	28	2013	NAVY	231	0	231	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	231					
1.13) Digital ITER																																				
	29	2011	NAVY	147	0	147	-	-	-	-	-	-	-	-	-	27	30	30	30	30																
2) Aerial Refueling Stores																																				
2.1) External Fuel Tanks																																				
	30	2011	NAVY	186	0	186	-	-	-	-	-	-	-	-	-	24	33	34	33	33	29															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1	P-1 Line Item Nomenclature: 0720 - War Consumables	Aggregated Item Name: War Consumables

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Marvin Eng. - Inglewood, CA	300	450	600	0	6	0	6	0	0	24	24
2	Marrotta - Montville, NJ	300	450	650	0	6	0	6	0	0	11	11
3	Ultra Electronics - England	100	300	500	0	4	0	4	0	0	11	11
4	Cyclone Industries - Israel	100	200	400	0	7	0	7	0	0	19	19
5	Cyclone Industries - Israel	100	200	400	0	7	0	7	0	0	19	19
6	TBD - TBD	0	0	0	0	5	20	25	0	0	0	0
7	ITT - Warminster, PA	75	147	200	0	6	0	6	0	0	12	12
8	Cyclone Industries - Israel	100	200	400	0	7	0	7	0	0	19	19

Remarks:

‡ Delivery rows marked with the ‡ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

⁽¹⁶⁾ Break in deliveries resulted from a (LAT) failure. Deliveries are back on schedule.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities	P-1 Line Item Nomenclature: 0725 - Other Production Charges
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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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	170.893	7.536	14.224	3.399	-	3.399	13.909	14.123	15.515	15.790	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	170.893	7.536	14.224	3.399	-	3.399	13.909	14.123	15.515	15.790	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	170.893	7.536	14.224	3.399	-	3.399	13.909	14.123	15.515	15.790	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

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).

F/A-18 SQUADRONS:

F/A-18 Advanced Precision Kill Weapon System (APKWS) funding is provided to conduct steps necessary to obtain fleet flight clearance authorization for APKWS on the F/A-18A-D aircraft. APKWS is an advanced 2.75" rocket that will provide the fleet with a low cost precision guided rocket. This will provide aircraft platform flexibility with a low collateral damage weapon that is precision guided against stationary and moving targets in Overseas Contingency Operations (OCO).

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Other Production Charges (See enclosed P-40A)	P40A				170.893			7.536			14.224			3.399			0.000			3.399
Total Gross/Weapon System Cost					170.893			7.536			14.224			3.399			-			3.399

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities		P-1 Line Item Nomenclature: 0725 - Other Production Charges
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<small>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</small>		
Justification:		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 7 / BSA 1							P-1 Line Item Nomenclature: 0725 - Other Production Charges							Aggregated Item Name: Other Production Charges					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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 Avionics Decentralized																			
1.1) Common Avionics Decentralized	A	-	-	1.177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) Common Avionics Decentralized				1.177			0.000			0.000			0.000			0.000			0.000
2) Tactical Combat Training System																			
2.1) Participant Subsystem	A	-	-	96.267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Integrated Logistics Support	A	-	-	8.827	-	-	1.160	-	-	0.530	-	-	0.550	-	-	-	-	-	0.550
2.3) Acceptance Test	A	-	-	4.597	-	-	0.660	-	-	0.680	-	-	0.700	-	-	-	-	-	0.700
2.4) Non Recurring ⁽¹⁾	A	-	-	60.025	-	-	5.716	-	-	8.914	-	-	2.149	-	-	-	-	-	2.149
Subtotal 2) Tactical Combat Training System				169.716			7.536			10.124			3.399			0.000			3.399
3) F/A-18 Squadrons																			
3.1) Advanced Precision Kill Weapon System	A	-	-	-	-	-	-	-	-	4.100	-	-	-	-	-	-	-	-	-
Subtotal 3) F/A-18 Squadrons				0.000			0.000			4.100			0.000			0.000			0.000
Total				170.893			7.536			14.224			3.399			0.000			3.399
Remarks:																			
⁽¹⁾ Non Recurring includes software upgrades to meet system requirements																			

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities						P-1 Line Item Nomenclature: 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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	45.653	21.395	32.274	-	32.274	64.580	109.443	128.601	59.019	0.000	460.965
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	45.653	21.395	32.274	-	32.274	64.580	109.443	128.601	59.019	0.000	460.965
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	45.653	21.395	32.274	-	32.274	64.580	109.443	128.601	59.019	0.000	460.965
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Description: Details of this P-1 item are classified. Note: "Prior Years" cost is \$1,197.345M. "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 Item Justification Sheet: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 7 : Aircraft Support Equip & Facilities / BSA 1 : Aircraft Support Equip & Facilities							P-1 Line Item Nomenclature: 0740 - First Destination Transportation					
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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	2.090	1.719	1.742	-	1.742	1.775	1.806	1.838	1.869	0.000	12.839
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	2.090	1.719	1.742	-	1.742	1.775	1.806	1.838	1.869	0.000	12.839
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	2.090	1.719	1.742	-	1.742	1.775	1.806	1.838	1.869	0.000	12.839
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
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 \$74.279M. "To Complete" and "Total" are continuing.												
Justification: Funds are requested for the FY2013 First Destination Transportation requirements.												

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