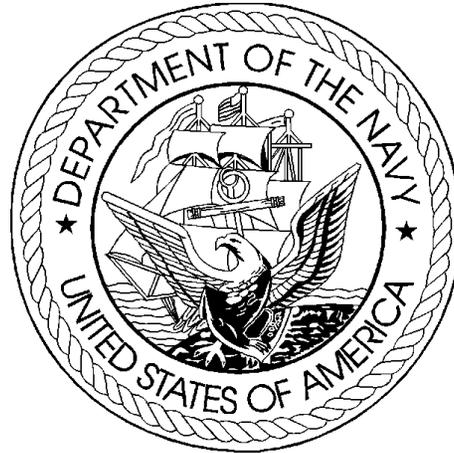


DEPARTMENT OF THE NAVY  
FISCAL YEAR (FY) 2006/FY 2007  
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES  
FEBRUARY 2005

AIRCRAFT PROCUREMENT, NAVY  
Volume III:  
BUDGET ACTIVITY 7

UNCLASSIFIED

DEPARTMENT OF THE NAVY  
 FY 2006 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY

DATE: FEBRUARY 2005

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2004		FY 2005		FY 2006		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 07: AIRCRAFT SUPPORT EQUIPMENT & FACILITIES									
-----									
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES									
55	COMMON GROUND EQUIPMENT	A		453.9		489.6		499.5	U
56	AIRCRAFT INDUSTRIAL FACILITIES	A		15.3		17.0		9.5	U
57	WAR CONSUMABLES	A		13.2		13.4		10.4	U
58	OTHER PRODUCTION CHARGES	A		20.8		9.8		15.5	U
59	SPECIAL SUPPORT EQUIPMENT	A		26.5		61.3		106.4	U
60	FIRST DESTINATION TRANSPORTATION	A		3.0		1.6		1.6	U
61	CANCELLED ACCOUNT ADJUSTMENTS	A		2.1					U
TOTAL AIRCRAFT SUPPORT EQUIPMENT & FACILITIES				535.0		592.8		642.9	
TOTAL AIRCRAFT PROCUREMENT, NAVY				535.0		592.8		642.9	

**Fiscal Year 2006 Budget Estimates  
Budget Appendix Extract Language**

**AIRCRAFT PROCUREMENT, NAVY (APN)**

For construction, procurement, production, modification, and modernization of aircraft, equipment, including ordnance, spare parts, and accessories therefor; specialized equipment; expansion of public and private plants, including the land necessary therefor, 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, [\$8,912,042,000] *\$10,517,126,000*, to remain available for obligation until September 30, [2007] *2008*, *of which \$57,779,000 shall be available for the Navy Reserve and the Marine Corps Reserve. (10 U.S.C. 5013, 5063, 7201, 7341; Department of Defense Appropriations Act, 2005.)*

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BUDGET ITEM JUSTIFICATION SHEET							DATE: FEBRUARY 2005					
P-40							P-1 ITEM NOMENCLATURE					
APPROPRIATION/BUDGET ACTIVITY							70500 COMMON GROUND EQUIPMENT					
Aircraft Procurement, Navy/BA-7							Other Related Program Elements					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	*		\$453.88	\$489.62	\$499.47	\$445.92	\$423.08	\$424.43	\$430.60	\$440.21		
<p>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:</p>												
			<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>To Complete</u>	<u>Total</u>
Ground Support Equip			285.90	293.06	274.57	270.17	268.33	260.44	266.44	272.57	Continued	Continued
Mobile Maint Facilities			5.152	5.352	11.797	11.548	11.622	11.777	12.041	12.314	Continued	Continued
Training			162.31	191.21	213.10	164.19	143.13	152.21	152.12	155.32	Continued	Continued
Special Support			0.518									
<b>TOTAL</b>			<b>453.88</b>	<b>489.62</b>	<b>499.47</b>	<b>445.92</b>	<b>423.08</b>	<b>424.43</b>	<b>430.60</b>	<b>440.21</b>	Continued	Continued

\* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>	DATE:
P-40	FEBRUARY 2005

APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA-7</b>	P-1 ITEM NOMENCLATURE <b>COMMON AND CASS - 47C2 SUPPORT EQUIPMENT</b>
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Program Element for Code B Items:	Other Related Program Elements
-----------------------------------	--------------------------------

	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	*		\$285.90	\$293.06	\$274.57	\$270.17	\$268.33	\$260.44	\$266.44	\$272.57	Continued	Continued

The following elements comprise the Aviation Support Equipment and Consolidated Automated Support Systems Programs.

	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>To Complete</u>	<u>Total</u>
Automatic Test Equipment	68.64	47.35	50.44	31.10	30.78	29.01	34.51	42.15	Continued	Continued
Aircraft Common SE	91.68	127.80	122.06	133.20	132.19	129.61	120.25	99.06	Continued	Continued
ICP/HQM SE	34.13	41.63	21.01	22.04	18.86	13.49	21.30	38.90	Continued	Continued
Subtotal	<b>194.455</b>	<b>216.782</b>	<b>193.508</b>	<b>186.338</b>	<b>181.829</b>	<b>172.102</b>	<b>176.063</b>	<b>180.106</b>	Continued	Continued
Consolidated Automated Supt Syst	91.44	76.28	81.07	83.84	86.50	88.34	90.38	92.47	Continued	Continued
<b>Grand Total</b>	<b>285.895</b>	<b>293.06</b>	<b>274.574</b>	<b>270.173</b>	<b>268.331</b>	<b>260.437</b>	<b>266.44</b>	<b>272.571</b>	Continued	Continued

\* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

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BUDGET ITEM JUSTIFICATION SHEET						DATE: FEBRUARY 2005						
P-40						P-1 ITEM NOMENCLATURE 70500 COMMON GROUND EQUIPMENT						
APPROPRIATION/BUDGET ACTIVITY						AUTOMATIC TEST EQUIPMENT						
Aircraft Procurement, Navy/BA-7												
Program Element for Code B Items:						Other Related Program Elements						
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	*	A	\$68.64	\$47.35	\$50.44	\$31.10	\$30.78	\$29.01	\$34.51	\$42.15	Continued	Continued

**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) Consolidated Automated Support System (CASS) and the acquisition and modification 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 SE that consist of the hardware, software, and documentation required to automatically fault detect and isolate electronic units under test (UUTs) to the defective sub-component and Ready for Issue (RFI) the component. Existing ATE that can no longer be economically supported will be offloaded to CASS based on fleet priorities. This budget requests funds for the procurement of TPSs to offload support from existing obsolete ATE to CASS, as well as support of GFE requirements including UUT and CASS stations at CASS TPS Test Integration Facilities.

**COMMON ATE ACQUISITION AND MODIFICATION**

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.

\* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						DATE: FEBRUARY 2005					
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7				ID Code A		P-1 ITEM NOMENCLATURE/SUBHEAD COMMON GROUND EQUIPMENT 47C2 Automatic Test Equipment									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost				Quantity	Unit Cost	Total Cost
70000	1. TPS Transition to CASS	A				53,846			32,883			38,325			20,465
	2. Production Support					14,797			14,468			12,113			10,635
			0			68,643			47,351			50,438			31,100

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**BUDGET ITEM JUSTIFICATION SHEET**

P-40

DATE:

**FEBRUARY 2005**

APPROPRIATION/BUDGET ACTIVITY

**Aircraft Procurement, Navy/BA-7**

P-1 ITEM NOMENCLATURE 70500 COMMON GROUND EQUIPMENT

**A/C Common Support Equipment - Common Ground - 47C2**

Program Element for Code B Items:

Other Related Program Elements

	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
49. Composite Repair Kit												
QUANTITY												
COST (In Millions)	*	A	\$91.68	\$127.80	\$122.06	\$133.20	\$132.19	\$129.61	\$120.25	\$99.06	Continued	Continued

General Program Description: This budget sub-line provides for the acquisition of Support Equipment (SE) end items under the inventory and technical management of NAVAIR. These SE end items are required for ground testing handling, and maintenance of aircraft and their systems. Examples of SE items acquired under this budget line item include aircraft propulsion test systems, mobile air conditioners and generators and aircraft handling equipment.

Also included are common avionics support equipment (ASE) items which are too complex technically to be transitioned to the inventory control point for acquisition. The ASE included is managed by NAVAIR and supported through the Navy Inventory Control Point.

COMNAVAIRLANT/PAC warfighters, as supported by OSD and DON, have cited serious deficiencies in fleet support equipment (SE). These deficiencies have negatively impacted aircraft readiness, sailor Quality of Life (QOL) and Lifecycle Costs (LCC). FY04/05 reflects significant increases in funding to address these deficiencies and concerns as supported by the following fleet prioritizations and audits: (1) Navy IG Audit "Aircraft Spares and Readiness" dtd August 2000 identified shortfalls in SE and test equipment inventories having a negative impact on the flying hour program, and in particular aviation depot level repairables (AVDLR) expenditures; (2) Naval Aviation FY01 CV OAG identified Legacy ATE transition to CASS and support equipment (SE) recapitalization as a priority issue (#9 of 20); (3) Fleet Readiness Assessment Group (FRAG) reported, "Legacy SE is becoming unsupportable due to lack of funding and insufficient depot rework of existing SE...It is critical to restore the CASS Offload schedule and SE procurement accounts..."; and (4) GAO Audit #350137 "Review of Aviation Test Equipment Issues" identifies "...much of the test equipment needed to troubleshoot aircraft repairables has become obsolete...Maintenance personnel have expressed a concern that they were not able to troubleshoot or provide much needed useable aircraft parts to operate units because of troubles with or lack of test equipment."

\* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS								DATE: FEBRUARY 2005				
P-40a												
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
Aircraft Procurement, Navy/BA-7						A/C Common Support Equipment - Common Ground - 47C2						
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
1. Floodlight Set												
Qty		344	180	195								
Cost		6,500	4,600	5,850								
2. Jet Engine Test Instr.												
Qty		11	3	12	7	3						
Cost		10,938	2,357	11,400	6,650	2,850						
3. Crane, Wheel												
Qty					2	30						
Cost					300	4,500						
4. Hyd Power Supply (Elec)												
Qty			5	35	50	165						
Cost			542	1,596	2,350	6,564						
5. 482A Replacement												
Qty				10		60						
Cost				600		3,600						
Boresight Measurement Equip. (ABE)												
Qty			5		6	15						
Cost			2,506		3,000	7,500						
7. Diesel/Elect. Air Conditioner 10 Ton )												
Qty			5	75	75	75						
Cost			661	4,500	4,500	4,500						
8. Thermal Image NDI												
Qty												
Cost												
<b>SUB-TOTAL</b>												
Cost		17,438	10,666	23,946	16,800	29,514						

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: FEBRUARY 2005					
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA-7					P-1 ITEM NOMENCLATURE A/C Common Support Equipment - Common Ground - 47C2							
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
<b>FORWARDED</b>		<b>17,438</b>	<b>10,666</b>	<b>23,946</b>	<b>16,800</b>	<b>29,514</b>						
9. Portable Oxygen Regulator T/S ( PORTS)												
Qty						3						
Costs						240						
10. Shorebased Deicer												
Qty			5	8	12	13						
Costs			1,360	2,080	3,120	3,380						
11. Coast AWM-103												
Qty		103	182	180	180	132						
Costs		5,459	7,893	7,920	7,920	5,808						
12. Tow Tractor (SE Mid)												
Qty			5	332	300	350						
Cost			270	10,624	9,600	11,550						
13. Hyd Power Supply (Diesel)												
Qty			5	165	165	220						
Cost			434	6,567	6,764	9,289						
14. MSU 200 NAV												
Qty		49	120	120	141							
Cost		10,045	28,625	28,000	33,840							
15. Detector, Mag Particle												
Qty		16	434	309								
Cost		205	3,264	2,472								
16. Shaft Engine Test Instr.(SETI)												
Qty				4	7	8						
Cost				3,200	5,600	6,400						
<b>SUB-TOTAL</b>		<b>33,147</b>	<b>52,512</b>	<b>84,809</b>	<b>83,644</b>	<b>66,181</b>						

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS								DATE: <b>FEBRUARY 2005</b>				
P-40a												
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
<b>Aircraft Procurement, Navy/BA-7</b>						<b>A/C Common Support Equipment - Common Ground - 47C2</b>						
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
<b>FORWARDED</b>		<b>33,147</b>	<b>52,512</b>	<b>84,809</b>	<b>83,644</b>	<b>66,181</b>						
17. Engine Torque System (ETS)												
Qty			8	27								
Cost			1,503	2,025								
18. Tow Tractor, Heavy												
Qty												
Cost												
19. Shipboard Tractor CILOP												
Qty												
Cost												
20. SD-2 Spotting Pully CILOP												
Qty						3						
Cost						570						
21. Digital Radiography												
Qty						14						
Cost						2100						
22. R/F Comm/NAV T/S												
Qty			10		70	150						
Cost			410		2,450	5,250						
23. Fuel Qty T/S												
Qty		10		150	150	150						
Cost		200		4,500	4,500	4,500						
24. O2 Trailer												
Qty			4	140	140	47						
Cost			418	3,500	3,500	1,175						
<b>SUB-TOTAL</b>		<b>33,347</b>	<b>54,843</b>	<b>94,834</b>	<b>94,094</b>	<b>79,776</b>						

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS								DATE: FEBRUARY 2005				
P-40a												
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
Aircraft Procurement, Navy/BA-7						A/C Common Support Equipment - Common Ground - 47C2						
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
<b>FORWARDED</b>		<b>33,347</b>	<b>54,843</b>	<b>94,834</b>	<b>94,094</b>	<b>79,776</b>						
25. Mobile N2 Gas Generator (MNGG)												
Qty		4	48	49								
Cost		400	4,774	4,900								
26. MMG-A1 Replacement												
Qty					5							
Cost					190							
27. Landbased MEPP												
Qty						5						
Cost						500						
28. B4, B5 Maint. Platform												
Qty												
Cost												
29. Turbo Prop Eng. Test Inst. (TPETI)												
Qty												
Cost												
30. NG SW Loader												
Qty												
Cost												
31. Aqueous Weapons Cleaner												
Qty												
Cost												
32. Agitated Solvent Parts Washer												
Qty						60						
Cost						900						
<b>SUB-TOTAL</b>		<b>33,747</b>	<b>59,617</b>	<b>99,734</b>	<b>94,284</b>	<b>81,176</b>						

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS								DATE: FEBRUARY 2005				
P-40a												
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
Aircraft Procurement, Navy/BA-7						A/C Common Support Equipment - Common Ground - 47C2						
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
<b>FORWARDED</b>		<b>33,747</b>	<b>59,617</b>	<b>99,734</b>	<b>94,284</b>	<b>81,176</b>						
33. Composite Repair												
Temp. Pressure Kit												
Qty					25	98						
Cost					645	2,450						
34. Stereo Video Microscope												
Qty												
Cost												
35. Fiber Optic Repair Set												
Qty												
Cost												
36. Optical Fiber Test Set												
Qty				2		30						
Cost				21		210						
37. OTD Reflectometer												
Qty												
Cost												
38. Contaminent/Pur/Moist												
Qty					4	22						
Cost					120	660						
39. Arc Fault CB Tester												
Qty				2	50	25						
Cost				14	350	175						
40. Portable Data Analyzer												
Qty												
Cost												
<b>SUB-TOTAL</b>		<b>33,747</b>	<b>59,617</b>	<b>99,769</b>	<b>95,399</b>	<b>84,671</b>						

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS							DATE: FEBRUARY 2005					
P-40a												
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE							
Aircraft Procurement, Navy/BA-7					A/C Common Support Equipment - Common Ground - 47C2							
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
<b>FORWARDED</b>		<b>33,747</b>	<b>59,617</b>	<b>99,769</b>	<b>95,399</b>	<b>84,671</b>						
41. Wire Marking System												
Qty												
Cost												
42. Video Borescope												
Qty					20	200						
Cost					400	4,000						
43. TACAN I Level T/S												
Qty					6	60						
Cost					732	7,320						
44. Ultrasonic Tester												
Qty						150						
Cost						2,250						
45. A/C Wiring T/S												
Qty						10						
Cost						600						
46. Borescope, Defect Measure												
Qty						10						
Cost						300						
47. Air Conditioner 30 Ton												
Qty												
Cost												
48. EW Signal Generator												
Qty												
Cost												
<b>SUB-TOTAL</b>		<b>33,747</b>	<b>59,617</b>	<b>99,769</b>	<b>96,531</b>	<b>99,141</b>						

P-1 SHOPPING LIST

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FY 2006/2007 BUDGET PRODUCTION SCHEDULE, P-21						DATE FEBRUARY 2005																									
APPROPRIATION/BUDGET ACTIVITY						Weapon System										P-1 ITEM NOMENCLATURE															
AIRCRAFT PROCUREMENT, NAVY/BA-7																A/C Common Support Equipment - Common Ground - 47C2															
		Production Rate			Procurement Leadtimes																										
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																	
COAST AWM-103	SAIC, Indianapolis, IN					15	15	33		3	9	3	11	Each																	
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2004												FISCAL YEAR 2005												B A L
							2003			CALENDAR YEAR 2004									CALENDAR YEAR 2005												
							O C T	N O V	D E C	J A N	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	
COAST AWM-103/SAIC	03	N	103	14	89	14	14	14	14	14	14	5																0			
COAST AWM-103/SAIC *	04	N	182	0	182			A										15	15	15	15	15	15	15	15	15	62				
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2006												FISCAL YEAR 2007												B A L
							2005			CALENDAR YEAR 2006									CALENDAR YEAR 2007												
							O C T	N O V	D E C	J A N	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	
COAST AWM-103/SAIC *	04	N	182	120	62	15	15	15	15	2																	0				
COAST AWM-103/SAIC	05	N	180	0	180		A			13	15	15	15	15	15	15	15	15	15	15	2						0				
COAST AWM-103/SAIC	06	N	180	0	180												A		13	15	15	15	15	15	15	15	62				
Remarks:																															
* FY03 DELIVERIES ARE BLOCK ONE AND FY04 DELIVERIES ARE INITIAL DELIVERIES.																															





FY 2006/2007 BUDGET PRODUCTION SCHEDULE, P-21						DATE		FEBRUARY 2005																				
APPROPRIATION/BUDGET ACTIVITY						Weapon System		P-1 ITEM NOMENCLATURE																				
AIRCRAFT PROCUREMENT, NAVY/BA-7								A/C Common Support Equipment - Common Ground - 47C2																				
		Production Rate				Procurement Leadtimes																						
Item	Manufacturer's Name and Location					MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure														
MID/SE TOW TRACTOR	STEWART STEVENSON																											
	MARIETTA, GA																											
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												B A L										
						2007						CALENDAR YEAR 2008							CALENDAR YEAR 2009									
						O C T	N O V	D E C	J A N	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
MID/SE LANDBASE TOW TRACTOR	07	N	350	208	142	30	30	30	30	22																		0
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010												B A L										
						2009						CALENDAR YEAR 2010							CALENDAR YEAR 2011									
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L
Remarks:																												



FY 2006/2007 BUDGET PRODUCTION SCHEDULE, P-21											DATE FEBRUARY 2005																			
APPROPRIATION/BUDGET ACTIVITY						Weapon System					P-1 ITEM NOMENCLATURE																			
AIRCRAFT PROCUREMENT, NAVY/BA-7											A/C Common Support Equipment - Common Ground - 47C2																			
		Production Rate			Procurement Leadtimes																									
Item	Manufacturer's Name and Location					MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																
POWER SUPPLY, HYDRAULIC-DIESEL	Hydraulics, International Los Angeles, CA					1	20	25		6	5	6	11	Each																
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												B A L												
						CALENDAR YEAR 2008																								
						2007			CALENDAR YEAR 2008						CALENDAR YEAR 2009															
						O C T	N O V	D E C	J A N	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	
POWER SUPPLY HYDRAULIC DIESEL	07	N	220	40	180	20	20	20	20	20	20	20	20																	0
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010												B A L												
						CALENDAR YEAR 2010																								
						2009			CALENDAR YEAR 2010						CALENDAR YEAR 2011															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
Remarks:																														























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BUDGET ITEM JUSTIFICATION SHEET							DATE:					
P-40							FEBRUARY 2005					
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
<b>Aircraft Procurement, Navy/BA-7</b>							<b>70500 COMMON GROUND EQUIPMENT</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	*		<b>34.13</b>	<b>41.63</b>	<b>21.01</b>	<b>22.04</b>	<b>18.86</b>	<b>13.49</b>	<b>21.30</b>	<b>38.90</b>	<b>Continued</b>	<b>Continued</b>
<p>General Program Description</p> <p>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>NAVAIR is responsible for the design, and initial production of the items cited above. When each is fully qualified, NAVICP will assume material management responsibility for the item.</p> <p>COMNAVAIRLANT/PAC warfighters, as supported by OSD and DON, have cited serious deficiencies in fleet support equipment (SE). These deficiencies have negatively impacted aircraft readiness, sailor Quality of Life (QOL) and Lifecycle Costs (LCC). FY04/05 reflects significant increases in funding to address these deficiencies and concerns as supported by the following fleet prioritizations and audits: (1) Navy IG Audit "Aircraft Spares and Readiness" dtd August 2000 identified shortfalls in SE and test equipment inventories having a negative impact on the flying hour program, and in particular aviation depot level repairables (AVDLR) expenditures; (2) Naval Aviation FY01 CV OAG identified Legacy ATE transition to CASS and support equipment (SE) recapitalization as a priority issue (#9 of 20); (3) Fleet Readiness Assessment Group (FRAG) reported, "Legacy SE is becoming unsupportable due to lack of funding and insufficient depot rework of existing SE...It is critical to restore the CASS Offload schedule and SE procurement accounts..."; and (4) GAO Audit #350137 "Review of Aviation Test Equipment Issues" identifies "...much of the test equipment needed to troubleshoot aircraft repairables has become obsolete...Maintenance personnel have expressed a concern that they were not able to troubleshoot or provide much needed useable aircraft parts to operate units because of troubles with or lack of test equipment."</p>												
* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.												

P-1 SHOPPING LIST

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<b>WEAPONS SYSTEM COST ANALYSIS</b> P-5				Weapon System					DATE: <b>FEBRUARY 2005</b>			
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>				ID Code <b>A</b>	P-1 ITEM NOMENCLATURE/SUBHEAD <b>A/C Common Ground Equipment 47C2</b> <b>ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT</b>							

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost				Quantity	Unit Cost	Total Cost	
70600	1. Additional CSE for initial outfitting of sites due to: (a) intro of weapon systems and (b) baseloading changes for existing weapon systems/subsystems.					4,399				11,937			5,120			5,919
	2. Additional PSE for initial outfitting of sites due to baseloading changes for out-of-production weapon systems and subsystems.					7,980				15,476			4,433			3,763
	3. New SE required for replenishment of existing SE due to obsolesence and attrition.					18,295				10,719			8,103			8,831
	Production Support					3,455				3,495			3,356			3,524
			<b>0</b>			<b>34,129</b>				<b>41,627</b>			<b>21,012</b>			<b>22,037</b>

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BUDGET ITEM JUSTIFICATION SHEET							DATE:					
P-40							FEBRUARY 2005					
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE							
<b>Aircraft Procurement, Navy BA-7</b>					<b>70500 COMMON GROUND EQUIPMENT</b>							
Program Element for Code B Items:					Other Related Program Elements							
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY			18	15	16	18	18	18	11		Continued	Continued
COST (In Millions)	*		\$91.44	\$76.28	\$81.07	\$83.84	\$86.50	\$88.34	\$90.38	\$92.47	Continued	Continued
<p><b>Program Coverage:</b> The ACAT II Consolidated Automated Support System (CASS) program is chartered to replace the Navy's inventory of 25 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 Support System+ (EOSS+) [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 over 3,300 different "black boxes" and associated circuit cards from F/A-18A/B/C/D/E/F, T-45, AV-8B, S-3, EA-6B, F-14 A/B/D, H-60, H-3, E-2, C-2, and V-22 as well as several NAVSEA/SPAWAR weapon systems.</p> <p><b>Justification:</b> 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 4. Each CV will deploy with 18 - 20 CASS stations and each LHD/LHA will deploy with 3 stations. CASS is utilized at Aircraft Intermediate Maintenance Departments (AIMDs) afloat and ashore, at USMC Marine Aviation Logistics Squadrons (MALs), and at Navy depots. RTCASS supports USMC V-22 and fixed wing aircraft.</p> <p><b>Current and budget year requirements are needed for CASS introduction in support of the following new and transitioning systems:</b></p> <p><b>New Requirements:</b> T-45 TS (Block Upgrades), ATARS, EA-6B Low/High Band Transmitter, F/A-18E/F (multiple), MIDS (F/A-18), F-18 FCC/UFCD/GCU/MPCD/ AHRs, CAS CIT BFN, V-22, ATFLIR (F/A-18), CEC (E-2C), MH-60R/S (multiple systems), UH-1Y and AH-1Z, AN/ASN-139 (multiple aircraft), EGI (multiple aircraft).</p> <p><b>Transitioning Legacy Testers:</b> 20 legacy automatic testers that support Navy and USMC tactical air aircraft.</p> <p><b>CASS Modernization:</b> Initiating CASS station modernization starting in FY-05 to modernize older CASS stations to the newer baseline configuration. Phase I will modernize the CASS Block I stations (mid-1980s technology), and Phase II will modernize Block II CASS stations (early 1990s technologies). CASS Modernization Program will employ a modern test architecture to facilitate insertion of test technologies required by changes to supported weapon systems and to enable resolution of obsolescence issues.</p> <p><b>Other Costs:</b> CASS-associated requirements include the following: (1) incorporation of Class I ECPs generated through RDT&amp;E and other programs to permit systematic insertion of new technology to meet requirements of new weapon system avionics (includes downsized electro-optics, downsized high power and 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 reliability, maintainability and supportability, (4) rehosting existing TPSs to leverage increased capabilities of new software technology, (5) providing support of CASS installation requirements at fleet sites afloat and ashore, (6) maintaining items contractually 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.</p>												
* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.												

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>								DATE:				
<b>P-40</b>								<b>FEBRUARY 2005</b>				
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
<b>Aircraft Procurement, Navy/BA-7</b>							Common Ground Equipment - Mobile Facilities 70500					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)			5.152	5.352	11.797	11.548	11.622	11.777	12.041	12.314	Cont	Cont
<p>Program Description:</p> <p>Mobile Facilities (MFs) budgeted in this sub-line consist of basic equipment: 8'X8'X20' shelters, Modular Rigid Wall Shelters, Environmental Control Units, Mobile Electrical Power generators, Short Distance Mobilizes/Complex Decomplex Tools, Resistive Load Banks, 60HZ Frequency Converters, Power Distribution Boxes, power cables, spreader bars, stacking blocks, scaffolds, slings, caster jacks, lashes and buckles. NAVAIR acts as the Primary Inventory Control Activity (PICA) for multi-service procurement of NAVAIR Mobile Facilities and related ancillary equipment.</p> <p>Program Coverage:</p> <p>The requirement for this equipment is directed toward fulfilling Navy and Marine Corps Aviation requirements. 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 Corps with a quick response stand-alone capability to meet worldwide operational commitments. Economically, the MFs eliminate the need for "brick &amp; mortar" construction.</p> <p>Justification:</p> <p>This sub-line will meet the ultimate goal of housing all Marine Corps Aviation 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).</p>												



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WEAPONS SYSTEM COST ANALYSIS P-5										Weapon System			DATE: FEBRUARY 2005			
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/Budget Activity 7										ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD Common Ground Equipment - Mobile Facilities (47C2)					
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
70500	1. Mobile Facility Vans	A	0	90	36.6	3290	91	36.8	3345	92	38.8	3569	92	38.8	3570	
70500	2. Environmental Control Units (3T)	A	0	150	2.0	300	150	2.0	300	150	2.1	315	150	2.1	315	
70500	3. Power Cables	A	0	21	1.0	21	93	1.0	93	90	1.0	90	93	1.0	93	
70500	4. Short Dist Mob. Complex DeComplex Tool	A	0	8	17.5	140	8	20.0	160	8	20.0	160	8	21.3	170	
70500	5. Resistive Load Banks	A	0	0	0.0	0	0	0.0	0	8	10.0	80	8	10.0	80	
70500	6. Tactical Quiet Generator	A	0	0	0.0	0	0	0.0	0	74	70.5	5215	85	67.6	5747	
70500	7. Deployable Grounding Grid	A	0	0	0.0	0	0	0.0	0	13	60.6	788	0	0.0	0	
70500	8. Publications	NA	0	2	98.0	196	2	97.0	194	2	117.5	235	2	113.0	226	
70500	9. Logistic/Engineering Support	NA	0			646			675			711			699	
70500	10. Logistic/Production Support	NA	0			532			550			588			606	
70500	11. Drafting/Tooling	NA	0			27			35			46			42	
			<b>0</b>			<b>5,152</b>			<b>5,352</b>			<b>11,797</b>			<b>11,548</b>	

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System Mobile Facilities			A. DATE <b>FEBRUARY 2005</b>			
B. APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/Budget Activity 7</b>					C. P-1 ITEM NOMENCLATURE <b>Common Ground Equipment - Mobile Facilities</b>					SUBHEAD <b>47C2</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE	
<b>1. Mobile Facility Vans</b>											
FY-04	90	36.6	NAWCADLKE	01-04	C/FP	Gichner, Dallastown, PA	01-04	07-04	Yes	No	
FY-05	91	36.8	NAWCADLKE	01-05	C/FP	Gichner, Dallastown, PA	01-05	07-05	Yes	No	
FY-06	92	38.8	NAWCADLKE	01-06	C/FP	Gichner, Dallastown, PA	01-06	07-06	Yes	No	
FY-07	92	38.8	NAWCADLKE	01-07	C/FP	Gichner, Dallastown, PA	01-07	07-07	Yes	No	
<b>2. Environmental Cntrl Unit (3T)</b>											
FY-04	150	2.0	NAWCADLKE	09-03	C/FP	Env. Sys. Jacksonville, FL	01-04	07-04	Yes	No	
FY-05	150	2.0	NAWCADLKE	09-04	C/FP	Env. Sys. Jacksonville, FL	01-05	07-05	Yes	No	
FY-06	150	2.1	NAWCADLKE	09-05	C/FP	Env. Sys. Jacksonville, FL	01-06	07-06	Yes	No	
FY-07	150	2.1	NAWCADLKE	09-06	C/FP	Env. Sys. Jacksonville, FL	01-07	07-07	Yes	No	
<b>3. Power Cables</b>											
FY-04	21	1.0	PWC Norfolk, VA	02-04	WX	NSC Norflok, VA	02-04	08-04	Yes	No	
FY-05	93	1.0	PWC Norfolk, VA	02-05	WX	NSC Norflok, VA	02-05	08-05	Yes	No	
FY-06	90	1.0	PWC Norfolk, VA	02-06	WX	NSC Norflok, VA	02-06	08-06	Yes	No	
FY-07	93	1.0	PWC Norfolk, VA	02-07	WX	NSC Norflok, VA	02-07	08-07	Yes	No	
<b>4. Short Dist Mob/Complex Decomplex Tool</b>											
FY-04	8	17.5	NAWCADLKE	11-03	C/FP	Evans Ind, City of Industry, CA	03-03	05-03	Yes	No	
FY-05	8	20.0	NAWCADLKE	11-04	C/FP	Evans Ind, City of Industry, CA	03-04	05-04	Yes	No	
FY-06	8	20.0	NAWCADLKE	11-05	C/FP	Evans Ind, City of Industry, CA	03-05	05-05	Yes	No	
FY-07	8	21.3	NAWCADLKE	11-06	C/FP	Evans Ind, City of Industry, CA	03-06	05-06	Yes	No	
<b>5. Resistive Load Banks</b>											
FY-06	8	10.0	NAWCADLKE	10-03	C/FP	Avtron Manufacturing, Inc	12-05	09-07	Yes	No	
FY-07	8	10.0	NAWCADLKE	10-04	C/FP	Avtron Manufacturing, Inc	12-06	09-08	Yes	No	
<b>D. REMARKS</b>											
Note: Prices are based on previous contracts plus escalation. Quantities and cost are not always proportional. Buys are determined on total DOD procurements.											

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/Budget Activity 7</b>							P-1 ITEM NOMENCLATURE 70500 COMMON GROUND EQUIPMENT <b>Common Ground Equipment (47C2) - Training</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	*	A	\$162.31	\$191.21	\$213.10	\$164.19	\$143.13	\$152.21	\$152.12	\$155.32	Continued	Continued
<p>Common Ground Equipment – Training provides aircrew and aviation maintenance training systems in two categories:</p> <p>General Training Equipment 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.</p> <p>Justification of Major Programs: Maintenance Computer Based Training (CBT) provides a formal, standardized training program throughout the fleet and schoolhouses for aircraft maintenance training. The Aircrew Combat Training System (ACTS) will procure hardware and courseware in support of post-FRS HS/HSL, VAQ, VP, and VAW platform aircrew training. Fire fighting will procure mobile aircraft fire fighting training systems for advanced skills training and for fleet damage control personnel. The “A” School program provides training devices for aviation maintenance basic skills training. The Air Traffic Control (ATC) program will procure control tower trainers for both basic qualification and proficiency training at various air stations. Modify and upgrade the Landing Signal Officer Trainer (LSOT) to maintain technical and fleet configuration. Replace and upgrade of Naval Aviation Survival Training Program (NASTP) devices.</p> <p>Modification/Modernization of Trainers provides for acquisition and updates for training systems supporting out-of-production aircraft.</p> <p>Justification of Major Programs: Chief of Naval Aviation Training (CNATRA) program will provide upgrades to extend the service life of the TH-57 and the T-34 simulators. The Fleet Aircrew Simulator Training (FAST) program will improve simulators' contribution to readiness. Rehost of the E-6 2F144 visual system. Upgrade current P-3 Operational Flight Trainers (OFTs) to FAA level D equivalent trainers.</p> <p>* Due to multiple Requiring Financial Managers (RFMs) in prior years, detailed breakout of PY data is not available.</p>												

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WEAPONS SYSTEM COST ANALYSIS P-5										Weapon System					DATE: February 2005			
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/Budget Activity 7										ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD COMMON GROUND EQUIPMENT - TRAINING/47C2							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS															
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
70300	<b>MODIF/MODERN OF TRAINERS</b>																	
	11. CNATRA Trainer Support					5,719			5,094			9,601			7,527			
	12. Direct Support Readiness Training				4,000			3,983			0			0				
	13. E-6 Trainers/Support				10,250			4,580			191			5,918				
	14. EA-6B Trainers/Support				2,265			1,312			1,909			1,765				
	15. EP-3 Trainer Upgrade/Support				2,815			1,143			667			679				
	16. F/A-18 Trainers/Support				21,191			14,960			1,945			2,637				
	17. Fleet Aircrew Simulator Training (FAST)				29,819			64,034			94,997			55,359				
	18. H-60 Ordnance Handling Trainers				0			3,662			0			0				
	19. MH-53E OFT Visual System				0			8,292			552			169				
	20. P-3 Trainers/Support				19,872			39,419			7,812			7,545				
	21. S-3 Trainers/Support				1,620			704			198			0				
	22. SH-60B WST Computer Replacement				3,552			0			0			0				
	23. Undergraduate Naval Flight Officer (UNFO) Training				0			0			25,742			16,366				
	24. USMC Federation Simulators				3,453			0			19,735			31,616				
	25. Other Modif/Modern of Trainers Costs				9,618			4,343			6,747			5,927				
	SUBTOTAL - MODIF/MODERN OF TRAINERS				114,174			151,526			170,096			135,508				
					<b>162,310</b>			<b>191,211</b>			<b>213,098</b>			<b>164,194</b>				

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2005</b>		
B. APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/Budget Activity 7</b>					C. P-1 ITEM NOMENCLATURE <b>COMMON GROUND EQUIPMENT - TRAINING</b>				SUBHEAD <b>47C2</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
A School - Interactive Multisensor Analysis Trainer FY2004	7	39	NSWC Carderock	7/03	WX	Presearch Incorp Fairfax VA	4/04	5/04	Y	1/03
Mobile Aircraft Firefighting Training Device (MAFTD) FY2004	4	499	FISC Norfolk	5/03	FFP	Canadian Commercial Corp. Ottawa Ontario Canada	12/03	7/04	Y	
FY2005	1	500	NAWCTSD	8/04	FFP	TBD	2/05	9/05	Y	
FY2006	6	500	NAWCTSD	TBD	FFP	TBD	12/05	7/06	Y	
FY2007	4	500	NAWCTSD	TBD	FFP	TBD	12/06	7/07	Y	
D. REMARKS										

Appropriation/P-1 Line Item  
 Aircraft Procurement, Navy/B.A.7/Common Ground Equipment - Training/47C2  
 Weapon System  
 IOC

Training Device by Type	Site	Delivery Date	Ready for Training Date	Average Student Throughput	Prior Years		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		To Complete		Total		
					Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty
"A" School - Interactive Multi-Sensor Analysis Post FRS		5/04	5/04	546			7	273																			
Mobile Aircraft Firefighting Training Device (MAFTD)																											
Whidbey Island WA		7/04	7/04	1000			1	499																			
Oceana VA		8/04	8/04	1000			1	499																			
Corpus Christi TX		9/04	9/04	1000			1	499																			
Yuma AZ		10/04	10/04	1000			1	499																			
Fallon NV		7/05	7/05	1000					1	500																	
MCAS Camp Butler		7/06	7/06	1000							1	500															
Diego Garcia		7/06	7/06	1000							1	500															
MCAS Iwakuni		7/06	7/06	1000							1	500															
Ventura City		7/06	7/06	1000							1	500															
Willow Grove		7/06	7/06	1000							1	500															
Rota Spain		7/06	7/06	1000							1	500															
Lakehurst NJ		7/07	7/07	1000									1	500													
Naval Dist Washington		7/07	7/07	1000									1	500													
Guantanamo Bay		7/07	7/07	1000									1	500													
MCAS Beaufort		7/07	7/07	1000									1	500													
NSWC Crane		7/08	7/08	1000																							
Great Lakes		7/08	7/08	1000																							
NAS Meridian		7/08	7/08	1000																							
NAS Brunswick		7/08	7/08	1000																							
NSA Suda Bay, Crete		7/09	7/09	1000																							
NAB Little Creek		7/09	7/09	1000																							
MCAS New River		7/09	7/09	1000																							
Atsugi		7/09	7/09	1000																							
TBD		7/10	7/10	1000																							
TBD		7/11	7/11	1000																							
Total							11	2,269	1	500	6	3,000	4	2,000													

Description

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: FEBRUARY 2005					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA-7</b>					P-1 ITEM NOMENCLATURE 70500 COMMON GROUND EQUIPMENT SPECIAL SUPPORT EQUIPMENT							
Program Element for Code B Items:					Other Related Program Elements							
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	*	A	<b>\$0.518</b>									
<p>GENERAL PROGRAM DESCRIPTION</p> <p>This line is for the J-52 Engine Program to purchase the Coordinate Measuring Machine. The J-52 engine is a legacy gas turbine engine, which powers the EA-6B and has been in service since the 1960's.</p>												

\* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

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CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET										DATE:														
P-40										February 2005														
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE																		
<b>Aircraft Procurement Navy/ BA-7</b>						<b>AIRCRAFT INDUSTRIAL FACILITIES 71500</b>																		
Program Element for Code B Items:						Other Related Program Elements																		
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total												
QUANTITY																								
COST (In Millions)	<b>856.0</b>	A	<b>15.3</b>	<b>17.0</b>	<b>9.5</b>	<b>8.6</b>	<b>9.9</b>	<b>10.2</b>	<b>10.4</b>	<b>10.7</b>	CONT	CONT												
<p>The Aircraft Industrial Facilities line funds procurement of calibration equipment for Navy standards and calibration laboratories, and funds property and program management at NAVAIR owned industrial facilities undergoing divestiture.</p> <p>Funding is budgeted as follows:</p> <table style="margin-left: 40px; border: none;"> <thead> <tr> <th></th> <th style="text-align: right;">FY2005</th> <th style="text-align: right;">FY2006</th> <th style="text-align: right;">FY 2007</th> </tr> </thead> <tbody> <tr> <td>Calibration Equipment</td> <td style="text-align: right;">10.650</td> <td style="text-align: right;">7.584</td> <td style="text-align: right;">8.629</td> </tr> <tr> <td>Aircraft Industrial Facilities</td> <td style="text-align: right;">6.399</td> <td style="text-align: right;">1.924</td> <td style="text-align: right;">0</td> </tr> </tbody> </table> <p>Calibration Equipment Description:                      The objective of the Metrology/Calibration (METCAL) Program is to maintain required accuracy and consistency in Navy measurements. This ensures the required measurement accuracy of Test and Measurement Systems (TAMS) and Aviation Support Equipment used to test, repair and maintain Aviation Weapon Systems is adequate. Calibration is an on-cycle maintenance action and can be described as the comparison of a measurement device/system of unverified/unknown accuracy (TAMS or SE) to a device of known and greater accuracy (Calibration Standard) .</p> <p>Program Scope:                      Calibration Equipment funds are used to procure Calibration Standards (CALSTDs) and ancillary equipment for Aviation Fleet Intermediate Calibration Activities, Fleet Training Activities and Aviation Navy Calibration Laboratories (NCLs) to support Aviation Organizational and Intermediate (I) level maintenance assets. Initial outfitting of all CALSTDs is the responsibility of the requiring project office with the replenishment/replacement of CALSTDs procured under this document. CALSTDs procured for Fleet 'I' level use are to replace obsolete and/or irreparable equipment, expand technical measurement capabilities to decrease Depot support costs, reduce out-of-service turn around times, provide enhanced forward deployed geographic support and reduce/control the 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 allow for the automation and improvement of calibration procedures in order to reduce Depot level man-hour expenditures required to support Fleet assets, 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.</p>														FY2005	FY2006	FY 2007	Calibration Equipment	10.650	7.584	8.629	Aircraft Industrial Facilities	6.399	1.924	0
	FY2005	FY2006	FY 2007																					
Calibration Equipment	10.650	7.584	8.629																					
Aircraft Industrial Facilities	6.399	1.924	0																					

P-1 SHOPPING LIST

CLASSIFICATION:

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>							DATE: <b>February 2005</b>					
<b>P-40</b>												
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
<b>Aircraft Procurement, Navy/ BA-7</b>							<b>AIRCRAFT INDUSTRIAL FACILITIES 71500</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	<b>856.0</b>	<b>A</b>	<b>15.3</b>	<b>17.0</b>	<b>9.5</b>	<b>8.6</b>	<b>9.9</b>	<b>10.2</b>	<b>10.4</b>	<b>10.7</b>	<b>CONT</b>	<b>CONT</b>
<p>All NAVAIR owned industrial facilities have been declared excess and are in the process of divestiture. Property still owned by NAVAIR ranges from a few hundred largely undeveloped acres at one site to a contractor operated aircraft production facility valued at \$50M. Divestiture depends on compliance with environmental cleanup requirements and market price associated with property sale, which are beyond the control of NAVAIR. Final disposal dates are uncertain. A minimal requirement attributable to the cost of property ownership is a bill that will continue until divestiture is complete. Current advice from Resource Sponsor is to budget for ownership cost on a year to year basis at minimum amounts necessary to continue the disposal effort after funds currently appropriated for this purpose are depleted.</p>												

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS							DATE: <b>February 2005</b>					
P-40a												
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
<b>Aircraft Procurement, Navy</b>							<b>CALIBRATION EQUIPMENT</b>					
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
<b>Low Frequency AC/DC CALSTDs</b>												
Quantity			87	123	80	85						
Funding		83,406	876	1,186	898	973						
<b>RF/ Microwave CALSTDs</b>												
Quantity			55	68	47	60						
Funding		75,970	1,299	1,718	1,402	1,916						
<b>Physical Dimen / Optical CALSTDs</b>												
Quantity			138	146	88	101						
Funding		99,753	1,388	2,308	1,117	1,292						
<b>Res / Impedance CALSTDs</b>												
Quantity			106	164	116	128						
Funding		33,527	420	689	580	663						
<b>Automated / Interface CALSTDs</b>												
Quantity			78	118	77	93						
Funding		8,832	361	582	388	486						
<b>Other CALSTDs Procurement</b>												
Quantity			145	173	105	113						
Funding		1,303	1,951	1,887	1,328	1,461						
<b>Other Costs</b>												
		90,630	2,224	2,280	1,871	1,838						
<b>Total P-1 Funding</b>												
		393,421	8,519	10,650	7,584	8,629						

P-1 SHOPPING LIST

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System								DATE: February 2005			
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD Calibration Equipment										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	Low Frequency AC/DC CALSTDs		83,406	87	10.08	876	123	9.65	1,186	80	11.23	898	85	11.45	973
	RF/ Microwave CALSTDs		75,970	55	23.62	1,299	68	25.27	1,718	47	29.83	1,402	60	31.97	1,916
	Physical Dimen / Optical CALSTDs		99,753	138	10.06	1,388	146	15.81	2,308	88	12.70	1,117	101	12.80	1,292
	Res / Impedance CALSTDs		33,527	106	3.97	420	164	4.21	689	116	5.00	580	128	5.18	663
	Automated / Interface CALSTDs		8,832	78	4.64	361	118	4.94	582	77	5.06	388	93	5.23	486
	Other CALSTDs Procurement		1,303	145	13.46	1,951	173	10.91	1,887	105	12.57	1,328	113	12.93	1,461
	Logistics / Engineering Support		28,118			781			833			701			642
	Production / Acquisition		62,512			1,443			1,447			1,170			1,196
			<b>393,421</b>			<b>8,519</b>			<b>10,650</b>			<b>7,584</b>			<b>8,629</b>

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2005</b>			
B. APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>					C. P-1 ITEM NOMENCLATURE <b>Calibration Equipment</b>					SUBHEAD <b>47C4</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE	
<b>Low Frequency AC/DC CALSTDs</b>											
FY04	87	10.08	Multiple	Various	C/FP	Various	Mult	Mult	Yes	No	
FY05	123	9.65	"	"	"	"	"	"	Yes	No	
FY06	80	11.23	"	"	"	"	"	"	Yes	No	
<b>RF/ Microwave CALSTDs</b>											
FY04	55	23.62	Multiple	Various	C/FP	Various	Mult	Mult	Yes	No	
FY05	68	25.27	"	"	"	"	"	"	Yes	No	
FY06	47	29.83	"	"	"	"	"	"	Yes	No	
<b>Physical Dimen / Optical CALSTDs</b>											
FY04	138	10.06	Multiple	Various	C/FP	Various	Mult	Mult	Yes	No	
FY05	146	15.81	"	"	"	"	"	"	Yes	No	
FY06	88	12.70	"	"	"	"	"	"	Yes	No	
<b>Res / Impedance CALSTDs</b>											
FY04	106	3.97	Multiple	Various	C/FP	Various	Mult	Mult	Yes	No	
FY05	164	4.21	"	"	"	"	"	"	Yes	No	
FY06	116	5.00	"	"	"	"	"	"	Yes	No	
<b>Automated / Interface CALSTDs</b>											
FY04	78	4.64	Multiple	Various	C/FP	Various	Mult	Mult	Yes	No	
FY05	118	4.94	"	"	"	"	"	"	Yes	No	
FY06	77	5.06	"	"	"	"	"	"	Yes	No	
<b>Other CALSTDs Procurement</b>											
FY04	145	13.46	Multiple	Various	C/FP	Various	Mult	Mult	Yes	No	
FY05	173	10.91	"	"	"	"	"	"	Yes	No	
FY06	105	12.57	"	"	"	"	"	"	Yes	No	
D. REMARKS											

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5					Weapon System			DATE: February 2005							
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy / BA-7					ID Code: P-1 ITEM NOMENCLATURE/SUBHEAD Aircraft Industrial Facilities/Contractor Facilities										
COST CODE	ELEMENT OF COST	TOTAL COST IN THOUSANDS OF DOLLARS													
		ID Code	Prior Years	FY2004			FY2005			FY2006			FY2007		
				Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost
73400	FUNDED Various 1/		462,594			6,827			6,399			1,924			0
<b>TOTAL REQUIREMENT:</b>			<b>462,594</b>			<b>6,827</b>			<b>6,399</b>			<b>1,924</b>			<b>0</b>

1/ The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY2003 and beyond.

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**BUDGET ITEM JUSTIFICATION SHEET**

**P-40**

DATE:

**February 2005**

APPROPRIATION/BUDGET ACTIVITY

**Aircraft Procurement, Navy / B/A-7**

P-1 ITEM NOMENCLATURE

**BLI 072000**

**War Consumables (J7C5 & 47C5)**

Program Element for Code B Items:

Other Related Program Elements

	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY2010	FY2011	To Complete	Total
QUANTITY N/A												
COST (In Millions)	<b>426.0</b>		<b>13.2</b>	<b>13.4</b>	<b>10.4</b>	<b>24.8</b>	<b>33.6</b>	<b>27.2</b>	<b>27.3</b>	<b>10.8</b>	<b>Continuing</b>	<b>Continuing</b>

The WAR CONSUMABLES P-1 line item has two subcategories: Common Aircraft Armament Equipment (AAE) and War Consumables. The Common AAE program procures common bomb racks and peculiar bomb racks and launchers for out-of-production aircraft. The War Consumables portion funds procurement of airborne equipment which can be suspended, released, or jettisoned from aircraft, specifically aerial refueling stores.

**COMMON AIRCRAFT ARMAMENT EQUIPMENT (AAE)**

As directed by OPNAVINST 8000.16, this project corrects deficiencies and provides quantitative sustainment for Aircraft Armament Equipment having multiple aircraft applications. 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. This account also procures High Pressure Pure Air Generators (HIPAG)™ for AV-8B and AH-1W/Z aircraft. HIPAG™ is an on-board coolant generator for IR seeking missiles which eliminates the burdens associated with high pressure vessels used previously. (HIPAG)™ is particularly suited to the austere environment encountered by forward deployed VTOL aircraft. The increase of funding from FY06 to FY 07 is due to the procuremnt of LAU-7 Replacement.

**WAR CONSUMABLES**

The War Consumables program, PE 0204161N, finances Aerial Refueling Systems, Hose Reel, and External Tank procurements. Requirements are determined by an inventory objective, which supports peacetime/wartime needs. War Consumable items are inventory managed by the Naval Inventory Control Point, Philadelphia and are under Naval Air Systems Command program and technical management. Aircraft equipped with the A/A42R-1 aerial refueling stores (ARS) are required for all carrier based tanking missions (overhead tanking (primarily recovery focused), strike, and yo-yo tanking). Total reliance on the ARS and integration to 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.

P-1 SHOPPING LIST

CLASSIFICATION:

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CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy / B/A-7							P-1 ITEM NOMENCLATURE BLI 072000 War Consumables (J7C5 & 47C5)					
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY2010	FY2011	To Complete	Total
High Press. Pure Air Ger	A											
Quantity		775	25	71	0	0						
Funding		29,006	1,150	2,289	0	0						
Other Costs		210,200	6,390	5,976	6,957	21,253						
Total AAE Funding		<b>239,206</b>	<b>7,540</b>	<b>8,265</b>	<b>6,957</b>	<b>21,253</b>						
Total War Consumables Funding		<b>186,771</b>	<b>5,684</b>	<b>5,153</b>	<b>3,480</b>	<b>3,507</b>						
<b>TOTAL P-1 line item</b>		<b>425,977</b>	<b>13,224</b>	<b>13,418</b>	<b>10,437</b>	<b>24,760</b>						

P-1 SHOPPING LIST

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS				Weapon System				DATE:							
P-5								February 2005							
APPROPRIATION/BUDGET ACTIVITY				ID Code		P-1 ITEM NOMENCLATURE/SUBHEAD		BLI 072000							
Aircraft Procurement, Navy / B/A-7						War Consumables (J7C5 & 47C5)									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY2004			FY 2005			FY2006			FY2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	COMMON AAE														
73600	Bomb Rack Upgrade & Install	A	16,272			1,095			567			613			663
73600	LAU-7 Upgrade & Installation	A	30,842			2,594			3,183			4,097			18,230
73600	High Press. Pure Air Gen.	A	29,006	25	46	1,150	71	32	2,289			0			0
73600	ILS		3,935			417			430			443			452
73600	Product Improvement		8,628			511			515			530			541
73600	Product Engineering		19,399			1,773			1,281			1,274			1,367
	Various (1)		131,124												
	<b>TOTAL COMMON AAE</b>		<b>239,206</b>			<b>7,540</b>			<b>8,265</b>			<b>6,957</b>			<b>21,253</b>
	<b>WAR CONSUMABLES</b>														
73500	Aerial Refueling Stores		19,631			4,904			4,447			3,003			3,027
73500	Production Support		5,180			780			706			477			480
73500	Various (1)		161,960												
	<b>TOTAL WAR CONSUMABLES</b>		<b>186,771</b>			<b>5,684</b>			<b>5,153</b>			<b>3,480</b>			<b>3,507</b>
(1) The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY 00 and beyond.															
	<b>Total P-1 line item</b>		<b>425,977</b>			<b>13,224</b>			<b>13,418</b>			<b>10,437</b>			<b>24,760</b>

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P-1 SHOPPING LIST

CLASSIFICATION:

ITEM NO. 57

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2005</b>			
B. APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy / B/A-7</b>					C. P-1 ITEM NOMENCLATURE <b>War Consumables</b>				<b>BLI 072000</b>		SUBHEAD <b>J7C5</b>
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE	
<u>High Pressure Pure Air Generator (Common AAE)</u>											
FY-04	25	46	NAVAIR	Aug-05	S/FP	Ultra Electronics, England	Dec-03	Nov-05	Yes	N/A	
FY-05	71	32	NAVAIR	Aug-04	S/FP	Ultra Electronics, England	Feb-05	Feb-06	Yes	N/A	
D. REMARKS											



CLASSIFICATION: Unclassified

BUDGET ITEM JUSTIFICATION SHEET					DATE: February 2005							
P-40												
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA-7</b>					P-1 ITEM NOMENCLATURE <b>725 Other Production Charges (Y7C6/47C6)</b>							
Program Element for Code B Items:					Other Related Program Elements							
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	<b>\$163.8</b>		<b>\$20.8</b>	<b>\$9.8</b>	<b>\$15.5</b>	<b>\$19.5</b>	<b>\$22.8</b>	<b>\$28.4</b>	<b>\$25.9</b>	<b>\$23.0</b>	<b>CONT</b>	<b>CONT</b>
<p>The Other Production Charges line provides funds for miscellaneous production support and testing services, aircraft cameras, aircraft pods, and instrumentation packages supporting tactical aircrew combat training and mobile sea range systems. The budget request supports the following efforts:</p> <p><b>TACTICAL COMBAT TRAINING SYSTEM (TCTS)</b>            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 exercise scenarios: simulate/stimulate all exercise participants sensors and weapons with the exercise scenarios; track all 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. This procurement primarily acquires airborne instrumentation participant subsystems for F-18/AV-8B Internal Subsystem (IS), Rotary and Transport Aircraft Rack-mounted Subsystem (RS), and other tactical aircraft Airborne Subsystem (AS). Beginning in FY09, Joint Tactical Radio System (JTRS) compliant data link transceiver retrofit kits will be procured to replace the non-compliant data link transceiver and to provide other performance enhancements.</p> <p><b>F-14 WSSA</b>            The Weapons System Support Activity (WSSA) evaluates and integrates changes in common avionics systems installed in the F-14 A/B/D aircraft to ensure that these systems remain compatible and do not degrade F-14 performance. This effort requires laboratory and flight evaluation to verify system performance and safety prior to installation in fleet aircraft. The current program plan supports WSSA software production into FY 2005.</p>												

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET P-40		DATE: February 2005
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA7</b>	P-1 ITEM NOMENCLATURE <b>0725 OTHER PRODUCTION CHARGES (Y7C6/47C6)</b>	
Program Element for Code B Items:	Other Related Program Elements	
<p><b>F-14 PRECISION STRIKE</b></p> <p>The F-14 Precision Strike Operational Document (ORD 406-88-95) dated 14 June 1995 delineates an urgent fleet requirement for a precision strike capability. To further the F-14's ability to satisfy this requirement, approval was granted for the Low Altitude Navigation and Targeting Infrared (System) for Night (LANTIRN) 40K Laser and the Joint Direct Attack Munition (JDAM) to be added as part of ROADMAP II, in January 1999.</p> <p>The JDAM integration requires no aircraft modifications and is completed via software modifications. Therefore, no kit/installation costs are reflected. However, engineering and logistics efforts were required in FY 2001/2002 to support its IOC in FY 2001 (F-14B) and FY 2002 (F-14D). These efforts included separation testing, trainer updates and publication changes needed to field the system.</p> <p>This line also includes funding to support the migration of the F-14 Mission Planning Module (MPM) for Tactical Automated Mission Planning System (TAMPS) to the Joint Mission Planning System (JMPS). With the integration of Global Positioning System and GPS guided weapons into the aircraft, TAMPS/JMPS is required for the aircraft to be utilized in the fleet.</p>		

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WEAPONS SYSTEM COST ANALYSIS													DATE:				
P-5													February 2005				
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE/SUBHEAD											
Aircraft Procurement, Navy						0725 Other Production Charges (Y7C6/47C6)											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
	<b>REWSON</b>		10,483														
	MISC SMALL EQUIPMENT & ECPS		1,590														
	<b>ASQ-197 SENSOR DATA CONTROLS</b>		<b>12,073</b>														
	<b>REWSON TOTAL</b>																
	<b>OTHER CAMERAS</b>																
	ENGINEERING/LOGISTICS SUPPORT FOR DIGITAL CAMERA SYSTEM		4,342														
	MISC SMALL EQPT UNDER \$100K		363														
	BASE STATION W/ PRINTER		755														
	DIGITAL CAMERA		1,114														
	<b>OTHER CAMERAS TOTAL</b>		<b>6,574</b>														
	<b>F-14 WSSA</b>		<b>82,955</b>			<b>10,956</b>			<b>979</b>								
	<b>F-14 Precision Strike</b>																
	LANTIRN/JDAM		8,716														
	TAMPS/JMPS		3,235			900			391			403					
	<b>F-14 PRECISION STRIKE TOTAL</b>		<b>11,951</b>			<b>900</b>			<b>391</b>			<b>403</b>					
	<b>TOTAL REWSON/Other Camera, Precision Strike and WSSA</b>		<b>113,553</b>			<b>11,856</b>			<b>1,370</b>			<b>403</b>					
74000	<b>Common Avionics Decen. (PMA 209)</b>		<b>4,737</b>			<b>1,761</b>											
74950	<b>TCTS</b>																
	Participant Subsystem																
	Airborne Subsystem			24	210	5,040		22	137	3,014	4	137	548	10	135	1,350	
	Internal Subsystem							37	76	2,812	137	75	10,275	139	75	10,425	
	Rack-mounted Subsystem										12	112	1,344	32	112	3,584	
	JTRS Retrofit Kits																
	ILS					221			890			1,350				2,450	
	Acceptance Test					741			520			245				45	
	<b>OTHER</b>		50,248			1,203			1,239			1,302				1,604	
	<b>ALL OTHER TOTAL</b>		<b>50,248</b>			<b>7,205</b>			<b>8,475</b>			<b>15,064</b>				<b>19,458</b>	
			<b>168,538</b>			<b>20,822</b>			<b>9,845</b>			<b>15,467</b>				<b>19,458</b>	

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2005</b>			
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA7					C. P-1 ITEM NOMENCLATURE <b>OTHER PRODUCTION CHARGES-TCTS</b>					SUBHEAD 47C6	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE	
<b>TCTS</b>											
Participant Subsystem											
Airborne Subsystem											
FY2004	24	210	ACC/WMR	12/02	FFP	Cubic San Diego, CA	5/04	4/05	N/A	N/A	
FY2005	22	137	ACC/WMR	12/02	FFP	Cubic San Diego, CA	5/05	3/06	N/A	N/A	
FY2006	4	137	ACC/WMR	12/02	FFP	Cubic San Diego, CA	10/05	9/06	N/A	N/A	
FY2007	10	135	ACC/WMR	12/02	FFP	Cubic San Diego, CA	10/06	7/07	N/A	N/A	
Internal Subsystem											
FY2005	37	76	ACC/WMR	12/02	FFP	Cubic San Diego, CA	5/05	11/05	N/A	N/A	
FY2006	137	75	ACC/WMR	12/02	FFP	Cubic San Diego, CA	10/05	4/06	N/A	N/A	
FY2007	139	75	ACC/WMR	12/02	FFP	Cubic San Diego, CA	10/06	4/07	N/A	N/A	
Rack-mounted Subsystem											
FY2006	12	112	ACC/WMR	12/02	FFP	Cubic San Diego, CA	10/05	7/06	N/A	N/A	
FY2007	32	112	ACC/WMR	12/02	FFP	Cubic San Diego, CA	10/06	5/07	N/A	N/A	
D. REMARKS											



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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA 7</b>							P-1 ITEM NOMENCLATURE <b>SPECIAL SUPPORT EQUIPMENT - 47C7</b>					
Program Element for Code B Items: <b>Not Applicable</b>							Other Related Program Elements <b>Not Applicable</b>					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY2011	To Complete	Total
QUANTITY												
COST (In Millions)	<b>550.130</b>		<b>26.540</b>	<b>61.315</b>	<b>106.376</b>	<b>73.113</b>	<b>48.294</b>	<b>46.289</b>	<b>33.355</b>	<b>29.934</b>	<b>continuing</b>	<b>continuing</b>
Details of this P-1 item are classified. Justification of this request is provided separately.												



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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: <b>February 2005</b>				
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>							P-1 ITEM NOMENCLATURE <b>Canceled Account Adjustments</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)			<b>\$2.143</b>									
This line finances canceled account adjustments.												

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