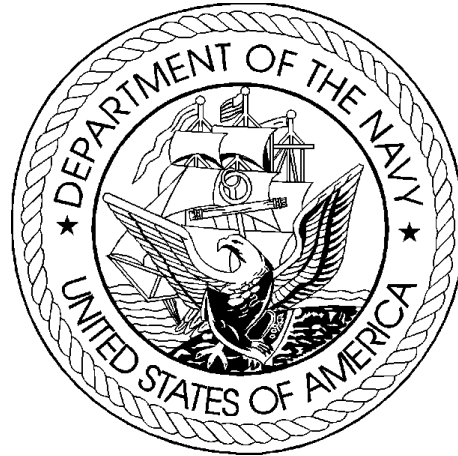


DEPARTMENT OF THE NAVY  
FISCAL YEAR (FY) 2010  
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES  
MAY 2009

AIRCRAFT PROCUREMENT, NAVY  
Volume III:  
BUDGET ACTIVITY 7

**PAGE INTENTIONALLY BLANK**

## Department of Defense Appropriations Act, 2010

---

### **Aircraft Procurement, Navy**

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, \$19,294,865,000, to remain available for obligation until September 30, 2012.

**PAGE INTENTIONALLY BLANK**

UNCLASSIFIED

Department of the Navy  
 FY 2010/2011 President's Budget  
 Exhibit P-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request  
 Summary  
 (Dollars in Thousands)

05 MAY 2009

APPROPRIATION: Aircraft Procurement, Navy

Budget Activity -----	FY 2008 Base&OCO Actuals -----	FY 2009 Base&OCO SupReq 4/9/09 -----	FY 2010 Base -----	FY 2010 OCO -----	FY 2010 Total -----
07. Aircraft support equip & facilities	919,792	662,549	497,811		497,811
TOTAL Aircraft Procurement, Navy	919,792	662,549	497,811		497,811

UNCLASSIFIED

Department of the Navy  
 FY 2010/2011 President's Budget  
 Exhibit P-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request  
 (Dollars in Thousands)

APPROPRIATION: 1506N Aircraft Procurement, Navy

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008 Base&OCO Actuals		FY 2009 Base&OCO SupReq 4/9/09		FY 2010 Base		FY 2010 OCO		FY 2010 Total		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
BUDGET ACTIVITY 07: Aircraft support equip & facilities													
-----													
AIRCRAFT SUPPORT EQUIP & FACILITIES													
58	COMMON GROUND EQUIPMENT	A		482,233		523,472		363,588				363,588	U
59	AIRCRAFT INDUSTRIAL FACILITIES	A		10,739		11,035		11,075				11,075	U
60	WAR CONSUMABLES	A		80,731		62,072		55,406				55,406	U
61	OTHER PRODUCTION CHARGES	A		20,643		27,788		23,861				23,861	U
62	SPECIAL SUPPORT EQUIPMENT	A		321,476		36,431		42,147				42,147	U
63	FIRST DESTINATION TRANSPORTATION	A		3,538		1,751		1,734				1,734	U
64	CANCELLED ACCOUNT ADJUSTMENTS	A		432									U
TOTAL Aircraft support equip & facilities				919,792		662,549		497,811				497,811	
TOTAL Aircraft Procurement, Navy				919,792		662,549		497,811				497,811	

<b>BUDGET ITEM JUSTIFICATION SHEET</b>							DATE: <b>MAY 2009</b>																								
<b>P-40</b>																															
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE																								
<b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>																															
<b>Aircraft Support Equipment &amp; Facilities</b>							<b>070500 COMMON GROUND EQUIPMENT</b>																								
Program Element for Code B Items:							Other Related Program Elements																								
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010																										
Quantity																															
Cost (\$M)			<b>482.233</b>	<b>523.472</b>	<b>363.588</b>																										
<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> <table style="width:100%; margin-top: 20px;"> <thead> <tr> <th style="width: 60%;"></th> <th style="text-align: right; width: 10%;"><u>FY 2008</u></th> <th style="text-align: right; width: 10%;"><u>FY 2009</u></th> <th style="text-align: right; width: 10%;"><u>FY 2010</u></th> </tr> </thead> <tbody> <tr> <td>Ground Support Equip</td> <td style="text-align: right;">260.702</td> <td style="text-align: right;">243.458</td> <td style="text-align: right;">211.928</td> </tr> <tr> <td>Mobile Maint Facilities</td> <td style="text-align: right;">11.574</td> <td style="text-align: right;">11.758</td> <td style="text-align: right;">6.775</td> </tr> <tr> <td>Training</td> <td style="text-align: right;">209.957</td> <td style="text-align: right;">268.256</td> <td style="text-align: right;">144.885</td> </tr> <tr> <td style="text-align: right;"><b>TOTAL</b></td> <td style="text-align: right;"><b>482.233</b></td> <td style="text-align: right;"><b>523.472</b></td> <td style="text-align: right;"><b>363.588</b></td> </tr> </tbody> </table>													<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	Ground Support Equip	260.702	243.458	211.928	Mobile Maint Facilities	11.574	11.758	6.775	Training	209.957	268.256	144.885	<b>TOTAL</b>	<b>482.233</b>	<b>523.472</b>	<b>363.588</b>
	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>																												
Ground Support Equip	260.702	243.458	211.928																												
Mobile Maint Facilities	11.574	11.758	6.775																												
Training	209.957	268.256	144.885																												
<b>TOTAL</b>	<b>482.233</b>	<b>523.472</b>	<b>363.588</b>																												

<b>BUDGET ITEM JUSTIFICATION SHEET</b>							DATE: <b>MAY 2009</b>																																
<b>P-40</b>																																							
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE																																
<b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>																																							
<b>Aircraft Support Equipment &amp; Facilities</b>							<b>070500 COMMON GROUND EQUIPMENT</b>																																
Program Element for Code B Items:							Other Related Program Elements																																
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010																																		
Quantity																																							
Cost (\$M)			<b>260.702</b>	<b>243.458</b>	<b>211.928</b>																																		
<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> <table style="width:100%; margin-left: 20px;"> <thead> <tr> <th></th> <th style="text-align: right;"><u>FY 2008</u></th> <th style="text-align: right;"><u>FY 2009</u></th> <th style="text-align: right;"><u>FY 2010</u></th> </tr> </thead> <tbody> <tr> <td>Automatic Test Equipment</td> <td style="text-align: right;">20.958</td> <td style="text-align: right;">27.408</td> <td style="text-align: right;">30.039</td> </tr> <tr> <td>Aircraft Common SE</td> <td style="text-align: right;">109.164</td> <td style="text-align: right;">108.934</td> <td style="text-align: right;">99.145</td> </tr> <tr> <td>ICP/HQM SE</td> <td style="text-align: right;">35.724</td> <td style="text-align: right;">25.568</td> <td style="text-align: right;">23.069</td> </tr> <tr> <td style="padding-left: 20px;">Subtotal</td> <td style="text-align: right;">165.846</td> <td style="text-align: right;">161.910</td> <td style="text-align: right;">152.253</td> </tr> <tr> <td>Consoildated Automated Supt Syst</td> <td style="text-align: right;">94.856</td> <td style="text-align: right;">81.548</td> <td style="text-align: right;">59.675</td> </tr> <tr> <td style="text-align: right;"><b>GRAND TOTAL</b></td> <td style="text-align: right;"><b>260.702</b></td> <td style="text-align: right;"><b>243.458</b></td> <td style="text-align: right;"><b>211.928</b></td> </tr> </tbody> </table>													<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	Automatic Test Equipment	20.958	27.408	30.039	Aircraft Common SE	109.164	108.934	99.145	ICP/HQM SE	35.724	25.568	23.069	Subtotal	165.846	161.910	152.253	Consoildated Automated Supt Syst	94.856	81.548	59.675	<b>GRAND TOTAL</b>	<b>260.702</b>	<b>243.458</b>	<b>211.928</b>
	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>																																				
Automatic Test Equipment	20.958	27.408	30.039																																				
Aircraft Common SE	109.164	108.934	99.145																																				
ICP/HQM SE	35.724	25.568	23.069																																				
Subtotal	165.846	161.910	152.253																																				
Consoildated Automated Supt Syst	94.856	81.548	59.675																																				
<b>GRAND TOTAL</b>	<b>260.702</b>	<b>243.458</b>	<b>211.928</b>																																				



<b>BUDGET ITEM JUSTIFICATION SHEET</b>						DATE: <b>MAY 2009</b>					
<b>P-40</b>											
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE					
<b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>						<b>070500 COMMON GROUND EQUIPMENT</b>					
<b>Aircraft Support Equipment &amp; Facilities</b>						<b>AUTOMATIC TEST EQUIPMENT</b>					
Program Element for Code B Items:						Other Related Program Elements					
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010						
Quantity											
Cost (\$M)	*	A	<b>20.958</b>	<b>27.408</b>	<b>30.039</b>						
<p><b>GENERAL PROGRAM DESCRIPTION</b>            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, modification and associated test routines of common ATE to meet fleet operational requirements identified in the fleet concurred Common Support Equipment Operational Requirements List.</p> <p><b>TEST PROGRAM SETS (TPSs) TRANSITION TO CASS</b>            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.</p> <p><b>COMMON ATE ACQUISITION, MODIFICATION AND TEST ROUTINES</b>            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.</p>											

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System				DATE: <b>MAY 2009</b>							
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7 Aircraft Support Equipment &amp; Facilities</b>				ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD <b>070500 COMMON GROUND EQUIPMENT AUTOMATIC TEST EQUIPMENT - 47C2</b>										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
70000	TPS TRANSITION TO CASS	A	85,362			13,784			19,008			22,484			
70800	INTEGRATED LOGISTICS SUPPORT (ILS)		5,971			2,169			2,550			2,200			
70830	PRODUCTION ENGINEERING SUPPORT (PE)		35,679			5,005			5,850			5,355			
			<b>127,012</b>			<b>20,958</b>			<b>27,408</b>			<b>30,039</b>			

<b>BUDGET ITEM JUSTIFICATION SHEET</b>						DATE: <b>MAY 2009</b>					
<b>P-40</b>											
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE					
<b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>						<b>070500 COMMON GROUND EQUIPMENT</b>					
<b>Aircraft Support Equipment &amp; Facilities</b>						<b>A/C COMMON SUPPORT EQUIPMENT</b>					
Program Element for Code B Items:						Other Related Program Elements					
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010						
Quantity											
Cost (\$M)			<b>109.164</b>	<b>108.934</b>	<b>99.145</b>						
<p>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>"Video Borescope FY08 procurement quantities were reduced and planned contract non-recurring tasks increased to address technical performance shortfalls associated with Commercial off the Shelf (COTS) units.</p> <p>Procurement quantities for the Mid/SE Landbased Tow Tractor (FY08), were reduced to reflect increased product reliability, BRAC site implementation, and maintenance site consolidations."</p>											

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System				DATE: <b>MAY 2009</b>						
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7 Aircraft Support Equipment &amp; Facilities</b>						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>070500 COMMON GROUND EQUIPMENT A/C COMMON SUPPORT EQUIPMENT - 47C2</b>									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2008			FY 2009			FY 2010						
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost				
70400	HYD POWER SUPPLY (ELEC)	A	8,720	100	43.490	4,349										
70400	482 REPLACEMENT	B	600	48	93.188	4,473	49	97.673	4,786							
70400	DIESEL/ELEC. AIR CONDITIONER	B	475				50	95.000	4,750	50	95.000	4,750				
70400	PORTABLE OXGEN REGULATOR T/S (PORTS)	B	240				38	80.000	3,040	40	80.000	3,200				
70400	TACAN I LEVEL T/S	B	732	50	54.460	2,723	50	56.240	2,812	21	57.000	1,197				
70400	TOW TRACTOR, HEAVY	B					5	140.000	700							
70400	SHIPBOARD TRACTOR CILOP	B					5	100.000	500							
70400	SHIPBOARD, HELO HANDLER	B	950							25	190.000	4,750				
70400	DIGITAL RADIOGRAPHY	B	200	26	100.000	2,600	44	100.000	4,400							
70400	LANDBASE MEPP 60 KVA	B		5	100.000	500				160	65.000	10,400				
70400	TURBO PROP ENG. TEST INST (TPETI)	B								4	1,100.000	4,400				
			<b>11,917</b>			<b>14,645</b>			<b>20,988</b>			<b>28,697</b>				

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: <b>MAY 2009</b>			
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7 Aircraft Support Equipment &amp; Facilities</b>						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>070500 COMMON GROUND EQUIPMENT A/C COMMON SUPPORT EQUIPMENT - 47C2</b>								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
	<b>FORWARDED FY08-FY10</b>		<b>11,917</b>			<b>14,645</b>			<b>20,988</b>			<b>28,697</b>			
70400	NG SW LOADER	B		5	20.000	100									
70400	AGITATED SOLVENT PARTS WASHER	B	75	40	15.000	600	39	15.000	585						
70400	FIBER OPTIC REPAIR SET	B								2	9.000	18			
70400	OPTICAL FIBER TEST SET	B	324	40	27.000	1,080	31	27.000	837						
70400	CONTAMINENT/PUR/MOIST	A	1,220	22	63.000	1,386	21	63.000	1,323						
70400	VIDEO BORESCOPE	B		20	24.000	480	200	20.000	4,000	200	20.000	4,000			
70400	ULTRASONIC TESTER	B	75	150	15.000	2,250	117	15.000	1,755						
70400	A/C WIRING T/S O/ I LEVEL	B	114	187	8.823	1,650	187	8.823	1,650	191	9.000	1,666			
70400	BORESCOPE, DEFECT MEASURE	B		10	40.000	400	45	30.000	1,350	45	30.000	1,350			
70400	AIR CONDITIONER SHIP SHORE	B								8	100.000	628			
			<b>13,725</b>			<b>22,591</b>			<b>32,488</b>			<b>36,359</b>			

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System				DATE: <b>MAY 2009</b>					
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b> Aircraft Support Equipment & Facilities						ID Code		P-1 ITEM NOMENCLATURE/SUBHEAD <b>070500 COMMON GROUND EQUIPMENT</b> A/C COMMON SUPPORT EQUIPMENT - 47C2							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
	<b>FORWARDED FY08-FY10</b>		<b>13,725</b>			<b>22,591</b>			<b>32,488</b>			<b>36,359</b>			
70400	MID/SE LANDBASE TOW TRACTOR	A	40,718	143	37.000	5,291									
70400	POWER SUPPLY, HYDRAULIC-DIESEL	A	22,638	195	46.000	8,970									
70400	SHAFT ENGINE TEST INSTR. (SETI)	B	3,200	8	800.000	6,400	13	800.000	10,400						
70400	R/F COMM/NAV T/S	B	10	400	23.500	9,400	340	24.000	8,160						
70400	MMG-1A REPLACEMENT	A	400	145	76.455	11,086	145	83.000	12,035	59	84.000	4,956			
70400	EW SIGNAL GENERATOR	B	250				220	50.000	11,000	155	50.000	7,750			
70400	CRANE, WHEEL	B	630	20	324.000	6,476	20	334.700	6,694	20	351.400	7,028			
70400	BORESIGHT MEASUREMENT EQUIP (ABE)	A	16,934	9	450.000	4,050									
70400	FUEL QUANTITY TEST SET	A	14,947	148	30.000	4,440									
704000	VIBRATION ANALYER									10	45.000	450			
704000	OXYGEN PLANT									2	800.000	1,600			
			<b>113,452</b>			<b>78,704</b>			<b>80,777</b>			<b>58,143</b>			

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						DATE: <b>MAY 2009</b>					
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b> Aircraft Support Equipment & Facilities				ID Code		P-1 ITEM NOMENCLATURE/SUBHEAD <b>070500 COMMON GROUND EQUIPMENT</b> A/C COMMON SUPPORT EQUIPMENT - 47C2									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
<b>FORWARDED FY08-FY10</b>			<b>113,452</b>			<b>78,704</b>			<b>80,777</b>			<b>58,143</b>			
704000	AW/M-102 REPLACEMENT	B							6	10.000	60				
74800	INTERGRATED LOGISTICS SUPPORT					5,956					3,062			6,133	
74830	PRODUCTION ENGINEERING SUPPORT					23,754					24,745			33,524	
74900	NON-FMP INSTALLATION					750					350			900	
74910	FMP INSTALLATION													385	
			<b>113,452</b>			<b>109,164</b>			<b>108,934</b>			<b>99,145</b>			

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD	
AIRCRAFT PROCUREMENT, NAVY/BA-7 Aircraft Support Equipment & Facilities					070500 COMMON GROUND EQUIPMENT A/C COMMON SUPPORT EQUIPMENT - 47C2					47C2	
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	
HYD POWER SUPPLY (ELEC) 2008	100	43.490	NAWCADLKE	N/A	C-FFP	HYDRAULICS INTERNATIONAL, INC CHATSWORTH, CA	5/2008	11/2008	YES		
482 REPLACEMENT 2008 2009	48 49	93.188 97.673	NAWCADLKE NAWCADLKE	02/2006 02/2006	C-FFP C-OPTION	ACCURATE MACHINE COMPANY, LANCASTER CA ACCURATE MACHINE COMPANY, LANCASTER CA	12/2008 12/2009	06/2009 06/2010	YES YES		
DIESEL/ELEC. AIR CONDITIONER 2009 2010	50 50	95.000 95.000	NAWCADLKE NAWCADLKE	12/2006 12/2006	C-OPTION C-OPTION	JBT CORP. OGDEN, UT JBT CORP. OGDEN, UT	6/2009 11/2009	01/2010 11/2010	YES YES		
PORTABLE OXGEN REGULATOR T/S (PORTS) 2009 2010	38 40	80.000 80.000	NAWCADLKE NAWCADLKE	N/A N/A	C-OPTION C-OPTION	AEROSPACE CONTROL PRODUCTS, DAVENPORT, IA AEROSPACE CONTROL PRODUCTS, DAVENPORT, IA	06/2009 07/2010	10/2009 11/2010	YES YES		
TBD - Contractor and Location can't be determined at this time all competitive solicitations.											



BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD	
<b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>					<b>070500 COMMON GROUND EQUIPMENT</b>					47C2	
<b>Aircraft Support Equipment &amp; Facilities</b>					<b>A/C COMMON SUPPORT EQUIPMENT - 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	
TACAN I LEVEL T/S	2008 2009 2010	50 50 21	54.460 56.240 57.000	NAWCADLKE NAWCADLKE NAWCADLKE	08/2006 08/2006 08/2006	C-FFP C-OPTION C-OPTION	TEL-INSTRUMENT, CARLSTADT, NJ TEL-INSTRUMENT, CARLSTADT, NJ TEL-INSTRUMENT, CARLSTADT, NJ	01/2007 07/2009 12/2009	11/2008 12/2009 06/2010	YES YES YES	
TOW TRACTOR HEAVY	2009	5	140.000	NAWCADLKE	07/2008	C-FFP	TLD AMERICA, WINSOR CT	02/2009	12/2009	YES	
SHIPBOARD TRACTOR CILOP	2009	5	100.000	NAWCADLKE	09/2008	C-FFP	TBD	09/2009	07/2010	NO	09/2009
SHIPBOARD, HELO HANDLER	2010	25	190.000	NAWCADLKE	05/2008	C-FFP	DOUGLAS EQUIPMENT, LTD, ENGLAND	06/2010	03/2011	YES	
TBD - Contractor and Location can't be determined at this time all competitive solicitations.											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD	
AIRCRAFT PROCUREMENT, NAVY/BA-7 Aircraft Support Equipment & Facilities						070500 COMMON GROUND EQUIPMENT A/C COMMON SUPPORT EQUIPMENT - 47C2				47C2	
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	
DIGITAL RADIOGRAPHY	2008 2009	26 44	100.000 100.000	NAWCADLKE NAWCADLKE	09/2009 09/2009	C-FFP C-OPTION	VIRTUAL MEDIA INGRATION (VMI), FL VIRTUAL MEDIA INGRATION (VMI), FL	11/08 09/09	08/2009 04/2010	YES YES	
LANDBASE MEPP 60 KVA	2008 2010	5 160	100.000 65.000	NAWCADLKE NAWCADLKE	03/2008 03/2008	C-FFP C-OPTION	TBD TBD	04/2009 11/2009	09/2009 02/2010	YES YES	
TURBO PROP ENG. TEST INSTRUMENT (TPETI)	2010	4	1100.000	NAWCADLKE	N/A	C-FFP	TBD	03/2010	10/2010	NO	09/2009
NG SW LOADER	2008	5	20.000	AIRFORCE	N/A	MPR	HILL, AFB, UT	05/2009	12/2009	YES	
TBD - Contractor and Location can't be determined at this time all competitive solicitations.											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE				SUBHEAD	
<b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>						<b>070500 COMMON GROUND EQUIPMENT</b>				47C2	
<b>Aircraft Support Equipment &amp; Facilities</b>						<b>A/C COMMON SUPPORT EQUIPMENT - 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	
AGITATED SOLVENT PARTS WASHER	2008 2009	40 39	15.000 15.000	NAWCADLKE NAWCADLKE	05/2008 05/2008	C-FFP C-OPTION	CLARUS TECHNOLOGIES, LLC, BELLINGHAM WA CLARUS TECHNOLOGIES, LLC, BELLINGHAM WA	11/2008 11/2008	08/2009 03/2010	YES YES	
FIBER OPTIC REPAIR SET	2010	2	9.000	NAWCADLKE	10/2009	C-FFP	TBD	01/2010	07/2010	YES	
OPTICAL FIBER TEST SET	2008 2009	40 31	27.000 27.000	NAWCADLKE NAWCADLKE	03/2008 03/2008	C-FFP C-OPTION	TBD TBD	06/2009 06/2009	12/2009 06/2010	YES	
CONTAMINENT/PUR/MOIST	2008 2009	22 21	63.000 63.000	NAWCADLKE NAWCADLKE	12/2007 12/2007	C-FFP C-OPTION	EPSILON SYSTEMS SOLUTIONS, INC EPSILON SYSTEMS SOLUTIONS, INC	03/2008 11/2008	09/2008 04/209	YES YES	
VIDEO BORESCOPE	2008 2009 2010	20 200 200	24.000 20.000 20.000	NAWCADLKE NAWCADLKE NAWCADLKE	12/2008 12/2008 12/2008	C-FFP C-OPTION C-OPTION	TBD TBD TBD	07/2009 08/2010 08/2010	12/2009 11/2010 04/2011	YES YES YES	
TBD - Contractor and Location can't be determined at this time all competitive solicitations.											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE MAY 2009			
B. APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7 Aircraft Support Equipment &amp; Facilities</b>					C. P-1 ITEM NOMENCLATURE <b>070500 COMMON GROUND EQUIPMENT A/C COMMON SUPPORT EQUIPMENT - 47C2</b>					SUBHEAD 47C2	
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	
ULTRASONIC TESTER	2008 150 2009 117	15.000 15.000	NAWCADLKE NAWCADLKE	12/2007 12/2007	C-FFP C-OPTION	OLYMPUS, WATHEN, MA OLYMPUS, WATHEN, MA	07/2008 10/2009	05/2009 03/2010	YES YES		
A/C WIRING T/S/O/ I LEVEL	2008 187 2009 187 2010 191	8.823 8.823 9.000	NAWCADLKE NAWCADLKE NAWCADLKE	10/2007 10/2007 10/2007	C-FFP C-OPTION C-OPTION	ECLYPSE INTERNATIONAL CORP. , CA ECLYPSE INTERNATIONAL CORP. , CA ECLYPSE INTERNATIONAL CORP. , CA	01/2008 05/2009 12/2009	05/2009 01/2010 06/2010	YES YES YES		
BORESCOPE, DEFECT MEASURE	2008 10 2009 45 2010 45	40.000 30.000 30.000	NAWCADLKE NAWCADLKE NAWCADLKE	12/2008 12/2008 12/2008	C-FFP C-OPTION C-OPTION	TBD TBD TBD	07/2009 07/2010 08/2010	12/2009 11/2010 04/2011	YES YES YES		
AIR CONDITIONER SHIP SHORE	2010 8	100.000	NAWCADLKE	06/209	C-FFP	TBD	11/2009	06/2010	YES		
MID/SE LANDBASE TOW TRACTOR	2007 400 2008 143	36.000 37.000	NAWCADLKE NAWCADLKE	10/2003 10/2003	C-OPTION C-OPTION	TUG TECHNOLOGIES CORP, MARIETTA , GA TUG TECHNOLOGIES CORP, MARIETTA , GA	12/2006 04/2008	08/2008 10/2009	YES YES		
POWER SUPPLY HYD (DIESEL)	2006 165 2007 220 2008 195	41.000 43.000 46.000	NAWCADLKE NAWCADLKE NAWCADLKE	10/2003 10/2003 10/2003	C-OPTION C-OPTION C-OPTION	HYDRAULICS INTERNATIONAL INC CHATSWORTH, CA HYDRAULICS INTERNATIONAL INC CHATSWORTH, CA HYDRAULICS INTERNATIONAL INC CHATSWORTH, CA	08/2006 01/2007 04/2008	09/2008 04/2009 01/2010	YES YES YES		
D. REMARKS											
TBD - Contractor and Location can't be determined at this time all competitive solicitations.											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		A. DATE MAY 2009			
B. APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b> <b>Aircraft Support Equipment &amp; Facilities</b>					C. P-1 ITEM NOMENCLATURE <b>070500 COMMON GROUND EQUIPMENT</b> <b>A/C COMMON SUPPORT EQUIPMENT - 47C2</b>					SUBHEAD 47C2	
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	
SHAFT ENGINE TEST INSTR. (SETI)	2007 2008 2009	2 8 13	800.000 800.000 800.000	NAWCADLKE NAWCADLKE NAWCADLKE	01/2008 01/2008 01/2008	C-FFP C-OPTION C-OPTION	EADS, IRVINE, CA EADS, IRVINE, CA EADS, IRVINE, CA	12/2008 12/2008 12/2008	12/2009 2/2010 7/2010	YES YES YES	
R/F COMM/NAV T/S	2008 2009	400 340	23.500 24.000	NAWCADLKE NAWCADLKE	06/2004 06/2004	C-OPTION C-OPTION	TEL-INSTRUMENTS, CARLSTAD, NJ TEL-INSTRUMENTS, CARLSTAD, NJ	05/2009 12/2008	05/2010 03/2011	YES YES	
MMG-1A REPLACEMENT	2008 2009 2010	145 145 59	76.455 83.000 84.000	NAWCADLKE NAWCADLKE NAWCADLKE	12/2005 12/2005 12/2005	C-OPTION C-OPTION C-OPTION	AVIATION GROUND EQUIP FREEPORT, NY 11520 AVIATION GROUND EQUIP FREEPORT, NY 11520 AVIATION GROUND EQUIP	04/2008 11/2008 11/2009	08/2008 08/2009 07/2010	YES YES YES	
EW SIGNAL GENERATOR	2007 2009 2010	5 220 155	50.000 50.000 50.000	NAWCADLKE NAWCADLKE NAWCADLKE	04/2007 04/2007 04/2007	SS-FFP SS-FFP SS-FFP	APPLIED GEO TECH. INC, CHOCTAW, MS APPLIED GEO TECH. INC, CHOCTAW, MS APPLIED GEO TECH. INC, CHOCTAW, MS	06/2008 07/2009 12/2009	12/2009 10/2010 09/2011	YES YES YES	
CRANE WHEEL	2008 2009 2010	20 20 20	324.000 334.700 351.400	NAWCADLKE NAWCADLKE NAWCADLKE	03/2006 03/2006 03/2006	C-FFP C-OPTION C-OPTION	TEREX, WAVERLY, IA TEREX, WAVERLY, IA TEREX, WAVERLY, IA	09/2008 11/2008 11/2009	03/2009 01/2010 11/2010	YES YES YES	
BORESIGHT MEASUREMENT	2008	9	450.000	NAWCADLKE	03/2004	C-FFP	AAI CORP, HUNT VALLEY, MD	12/2007	07/2008	YES	
D. REMARKS											
TBD - Contractor and Location can't be determined at this time all competitive solicitations.											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System			A. DATE MAY 2009		
B. APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7 Aircraft Support Equipment &amp; Facilities</b>					C. P-1 ITEM NOMENCLATURE <b>070500 COMMON GROUND EQUIPMENT A/C COMMON SUPPORT EQUIPMENT - 47C2</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	
FUEL QUANTITY TEST SET	2005 160 2006 150 2007 175 2008 148	30.000 30.000 30.000 30.000	NAWCADLKE NAWCADLKE NAWCADLKE NAWCADLKE	10/2003 10/2003 10/2003 10/2003	C-OPTION C-OPTION C-OPTION C-OPTION	BCF DESIGN LTD, CIRENCESTER, ENGLAND BCF DESIGN LTD, CIRENCESTER, ENGLAND BCF DESIGN LTD, CIRENCESTER, ENGLAND BCF DESIGN LTD, CIRENCESTER, ENGLAND	01/2007 02/2007 07/2007 05/2008	10/2007 01/2008 04/2008 10/2008	YES YES YES YES		
VIBRATION ANALYER	2010 10	45.000	NAWCADLKE	10/2009	C-FFP	TBD	02/2010	12/2010	YES		
OXYGEN PLANT	2010 2	800.000	NAWCADLKE	09/2009	C-FFP	TBD	01/2010	01/2011	YES		
AWM-102	2010 6	10.000	NAWCADLKE	N/A	WX	NAVAL SURFACE WARFARE CTR CRANE DIV CRANE, IN	12/2009	06/2010	YES		
D. REMARKS											
TBD - Contractor and Location can't be determined at this time all competitive solicitations.											







BUDGET PRODUCTION SCHEDULE, P-21						DATE																														
APPROPRIATION/BUDGET ACTIVITY						Weapon System						P-1 ITEM NOMENCLATURE																								
AIRCRAFT PROCUREMENT, NAVY /BA-7						SHIPBOARD HELO HANDLER																														
Item	Manufacturer's Name and Location					Production Rate			Procurement Leadtimes									Total	Unit of Measure																	
						MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT																								
SHIPBOARD HELO HANDLER	DOUGLAS EQUIP, LTD, ENGLAND					24	48	96							9	9																	18	EACH		
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2012												FISCAL YEAR 2013												B A L						
						2011						CALENDAR YEAR 2012												CALENDAR YEAR 2013												
						O C T	N O V	D E C	J A N	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							
SHIPBOARD HELO HANDLER	10	N	25	14	11	2	2	2	2	2	1																								0	
DOUGLAS EQUIP, LTD, ENGLAND																																				
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2014												FISCAL YEAR 2015												B A L						
						2013						CALENDAR YEAR 2014												CALENDAR YEAR 2015												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
Remarks:																																				

BUDGET PRODUCTION SCHEDULE, P-21											DATE																					
APPROPRIATION/BUDGET ACTIVITY											MAY 2009																					
AIRCRAFT PROCUREMENT, NAVY /BA-7											Weapon System					P-1 ITEM NOMENCLATURE																
											LANDBASE MEPP 60KVA																					
		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																		
LANDBASE MEPP 60KVA	TBD					60	180	240		2	3		5	EACH																		
ITEM / MANUFACTURER						FISCAL YEAR 2008											FISCAL YEAR 2009															
						2007		CALENDAR YEAR 2008										CALENDAR YEAR 2009										BAL				
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL		
LANDBASE MEPP 60KVA, TBD						08	N	5	0	5																					5	0
ITEM / MANUFACTURER						FISCAL YEAR 2010											FISCAL YEAR 2011															
						2009		CALENDAR YEAR 2010										CALENDAR YEAR 2011										BAL				
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL		
LANDBASE MEPP 60KVA, TBD						10	N	160	0	160		A			5	10	15	15	15	15	15	15	15	15	15	15	15	15	15	10		0
Remarks:																																



BUDGET PRODUCTION SCHEDULE, P-21							DATE																									
APPROPRIATION/BUDGET ACTIVITY							Weapon System					P-1 ITEM NOMENCLATURE																				
AIRCRAFT PROCUREMENT, NAVY /BA-7												MMG-1A REPLACEMENT																				
		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																					
MMG-1A REPLACEMENT	AVIATION GROUND EQUIP		160	156	180		2		8	10	EACH																					
	FREEPORT, NY 11520																															
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												FISCAL YEAR 2009												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	A U G	S E P		
MMG-1A REPLACEMENT	FREEPORT, NY 11520	08	N	145	0	145							A				5	10	12	13	13	13	13	13	13	13	13	13	13	1	0	
MMG-1A REPLACEMENT	FREEPORT, NY 11520	09	N	145	0	145													A									12	13	120		
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010												FISCAL YEAR 2011												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	A U G	S E P		
MMG-1A REPLACEMENT	FREEPORT, NY 11520	09	N	145	25	120	13	13	13	13	13	13	13	13	13	3															0	
MMG-1A REPLACEMENT	FREEPORT, NY 11520	10	N	59	0	59		A								10	13	13	13	10											0	
Remarks:																																



BUDGET PRODUCTION SCHEDULE, P-21							DATE <b>MAY 2009</b>																					
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY /BA-7</b>							Weapon System						P-1 ITEM NOMENCLATURE EW SIGNAL GENERATOR															
Item	Manufacturer's Name and Location	Production Rate			Procurement Leadtimes						Total	Unit of Measure																
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT																				
EW SIGNAL GENERATOR	APPLIED GEO TECH. INC	60	240	300								21	24	EACH														
ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2012												FISCAL YEAR 2013						BAL				
						2011			CALENDAR YEAR 2012						CALENDAR YEAR 2013													
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR		APR	MAY	JUN	JUL
EW SIGNAL GENERATOR	10	N	155	20	135	20	20	20	20	20	20	15																0
APPLIED GEO TECH. INC, CHOCTAW, MS																												
ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2014												FISCAL YEAR 2015						BAL				
						2013			CALENDAR YEAR 2014						CALENDAR YEAR 2015													
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR		APR	MAY	JUN	JUL
Remarks:																												



<b>BUDGET ITEM JUSTIFICATION SHEET</b>							DATE:					
<b>P-40</b>							<b>MAY 2009</b>					
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
<b>AIRCRAFT PROCUREMENT, NAVY /BA-7</b>							<b>070500 COMMON GROUND EQUIPMENT ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010							
Quantity												
Cost (\$M)		<b>A</b>	<b>35.724</b>	<b>25.568</b>	<b>23.069</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>												



WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: MAY 2009			
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, NAVY /BA-7						ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD 070500 COMMON GROUND EQUIPMENT ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
70600	Additional CSE for initial outfitting of sites due to: (a) intro of weapon systems and (b) baseloading changes for existing weapon systems/subsystems.	A				4,600			1,600			1,700			
70600	Additional PSE for initial outfitting of sites due to baseloading changes for out-of-production weapon systems and subsystems.	A				9,038			4,929			7,070			
70600	New SE required for replacement of existing SE due to obsolesence and attrition.	A				6,975			15,808			10,745			
76830	Production Engineering Support					6,080			3,231			3,554			
70600	GWOT for Standup of HMM 366 & HMLA 467					9,031									
			0			35,724			25,568			23,069			

DD FORM 2446, JUN 86

<b>BUDGET ITEM JUSTIFICATION SHEET</b>						DATE: <b>MAY 2009</b>					
<b>P-40</b>											
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE					
<b>AIRCRAFT PROCUREMENT, NAVY /BA-7</b>						<b>070500 COMMON GROUND EQUIPMENT</b>					
Program Element for Code B Items:						Other Related Program Elements					
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010						
Quantity											
Cost (\$M)			<b>94.856</b>	<b>81.548</b>	<b>59.675</b>						
<p><b>Program Coverage:</b> 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.</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 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 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, AN/ASN-139 (multiple aircraft), EGI (multiple aircraft). Transitioning Legacy Testers: 30 legacy automatic testers that support Navy and USMC tactical air aircraft. Modernized Mainframe CASS Stations (MOD MF CASS): Initiated mainframe CASS station modernization in FY-05 to modernize older CASS stations (mid-1980s technology) to a newer baseline configuration. Modernized Mainframe CASS Program will employ a modern test architecture to facilitate insertion of test technologies required by changes to supported weapon systems and to ease the resolution of obsolescence issues.</p> <p>In addition to production costs for RTCASS, CASS EO3 and CASS Modernization, 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 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.</p>											

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System								DATE: <b>MAY 2009</b>			
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY /BA-7</b>				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>070500 COMMON GROUND EQUIPMENT CONSOLIDATED AUTOMATED SUPPORT SYSTEM - 47C2</b>										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
70100	RECONFIGURABLE TRANS (RT) CASS	A	138,848	21	1,478.000	31,038	26	1,514.000	39,351	14	1,549.000	21,686			
70100	ENGINEERING CHANGE PROPOSALS (ECP'S)	B	8,280			15,597			11,275			9,836			
71800	INTEGRATED LOGISTICS SUPORT (ILS)		6,490			7,858			5,099			4,599			
71830	PRODUCTION ENGINEERING SUPPORT (PE)					27,234			16,416			14,722			
71900	NON FMP INSTALLATIONS					6,794			4,412			5,640			
71910	FMP INSTALLATIONS					6,335			4,995			3,192			
			<b>153,618</b>			<b>94,856</b>			<b>81,548</b>			<b>59,675</b>			

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>MAY 2009</b>		
B. APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY /BA-7</b>					C. P-1 ITEM NOMENCLATURE <b>070500 COMMON GROUND EQUIPMENT CONSOLIDATED AUTOMATED SUPPORT SYSTEM - 47C2</b>				SUBHEAD <b>47C2</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	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
RECON TRAN (RT) CASS										
2007 LOT 5	18	1468	NAVAIR	N/A	C-FFP	BOEING COMPANY	07/2007	10/2008	YES	
2008 LOT 6	21	1478	NAVAIR	N/A	C-FFP	BOEING COMPANY	06/2008	10/2009	YES	
2009 LOT 7	26	1514	NAVAIR	N/A	C-FFP	BOEING COMPANY	04/2009	01/2011	YES	
2010 LOT 8	14	1549	NAVAIR	N/A	C-FFP	BOEING COMPANY	04/2010	06/2012	YES	
D. REMARKS										





<b>BUDGET ITEM JUSTIFICATION SHEET</b>											<b>DATE:</b> <b>May 2009</b>						
<b>P-40</b>																	
<b>APPROPRIATION/BUDGET ACTIVITY</b>						<b>P-1 ITEM NOMENCLATURE</b>											
<b>APN-BA7 AIRCRAFT EQUIPMENT AND FACILITIES</b>						070500 COMMON GROUND EQUIPMENT Mobile Maintenance Facilities											
Program Element for Code B Items: <b>0206139M</b>						Other Related Program Elements											
<b>COMMON GROUND EQUIPMENT</b>																	
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010												
Quantity / Cost Cat																	
Cost (\$M)											<b>41.546</b>	<b>A</b>	<b>11.574</b>	<b>11.758</b>	<b>6.775</b>		

Program Description: Mobile Facilities (MFs) budgeted in this sub-line consist of basic equipment: 8'X8'X20' shelters, Modular Rigid Wall Shelters, Environmental Control Units, legacy Mobile Electrical Power generators which are being replaced with Mobile Tactical Quiet Generators. Also 60/400HZ Frequency Converters, Power Distribution Boxes, Resistive Load Banks, power cables, spreader bars, stacking blocks, scaffolds, slings, caster jacks, lashes, buckles, complexing/decomplexing tools/mobilizers, and associated publications and manuals. NAVAIR acts as the Primary Inventory Control Activity (PICA) for multi-service procurement of NAVAIR Mobile Facilities 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 Corps 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).

**UNCLASSIFIED**

CLASSIFICATION:

WEAPONS SYSTEM COST ANALYSIS				Weapon System									DATE:		
P-5													May 2009		
APPROPRIATION/BUDGET ACTIVITY				ID Code		P-1 ITEM NOMENCLATURE/SUBHEAD									
Aircraft Procurement, Navy/Budget Activity 7						070500 COMMON GROUND EQUIPMENT									
						Mobile Facilites (47C2)									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010			FY2011		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
70500	Complex Decomplex Tool/Mobilizer	A	590	8	14.000	112	16	14.188	227	16	14.438	231			
70500	Environmental Control Units	A	1,582	201	2.896	582	140	3.300	462	101	3.297	333			
70500	Frequency Converters	A	70	10	45.000	450	10	46.300	463	10	47.800	478			
70500	Mobile Facility Vans	A	13,840	20	55.100	1,102	20	53.350	1,067	49	53.327	2,613			
70500	Tactical Quiet Generator	A	15,843	84	71.845	6,035	90	75.644	6,808						
70500	Publications		593			300			50			50			
75830	Production Engineering Support		4,920			906			863			1,049			
75900	Non-FMP Installations		4,108			2,088			1,819			2,022			
			41,546			11,574			11,758			6,775			

Totals may not add due to rounding  
DD FORM 2446, JUN 86

P-1 SHOPPING LIST  
ITEM NO. 58

PAGE NO. 2

CLASSIFICATION:

**UNCLASSIFIED**



BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE May 2009			
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/Budget Activity 7					C. P-1 ITEM NOMENCLATURE 070500 COMMON GROUND EQUIPMENT Common Ground Equipment - Mobile Facilities			SUBHEAD 47C2			
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>Environmental Cntrl Unit</u>											
FY-08	201	2.896	NAWCADLKE	07/05	C/FFP	Env. Sys. Jacksonville, FL	04/08	08/08	Yes		
FY-09	140	3.300	NAWCADLKE	07/05	C/FFP	Env. Sys. Jacksonville, FL	11/09	04/09	Yes		
FY-10	101	3.297	NAWCADLKE	07/05	C/FFP	Env. Sys. Jacksonville, FL	11/09	04/10	Yes		
<u>Frequency Converters</u>											
FY-08	10	45.000	NAWCADLKE	04/05	C/FFP	Unitron, Dallas, TX	05/08	11/08	Yes		
FY-09	10	46.300	NAWCADLKE	04/05	C/FFP	Unitron, Dallas, TX	11/08	05/09	Yes		
FY-10	10	47.800	NAWCADLKE	04/05	C/FFP	Unitron, Dallas, TX	11/09	05/10	Yes		
<u>Mobile Facility Vans</u>											
FY-08	20	55.100	NAWCADLKE	03/06	C/FFP	Gichner Shelter, Dallastown, PA	04/08	10/08	Yes		
FY-09	20	53.350	NAWCADLKE	03/06	C/FFP	Gichner Shelter, Dallastown, PA	11/08	05/09	Yes		
FY-10	49	53.327	NAWCADLKE	03/06	C/FFP	Gichner Shelter, Dallastown, PA	11/09	05/10	Yes		
<u>Tactical Quiet Generator</u>											
FY-08	84	71.845	CECOM Monmouth, NJ	07/99	SS/FFP	Engineered Elec Co. Fermont Bridgeport, CT	02/08	12/08	Yes		
FY-09	90	75.644	CECOM Monmouth, NJ	07/99	SS/FFP	Engineered Elec Co. Fermont Bridgeport, CT	11/08	09/09	Yes		
D. REMARKS											
Note: Prices are based on previous contracts plus escalation. Quantities and cost are not always proportional. Buys are determined on total DOD procurements.											
Note: All RFP Issue dates have been changed to correct previous erroneous entries.											
Note: RFP Issue date, Award Date and Date of first delivery were previously submitted with erroneous dates for the Environmental Cntrl Unit.											
Note: Date of 1st delivery is updated to reflect correct lead/delivery time											

Totals may not add due to rounding

P-1 SHOPPING LIST ITEM NO. 58

PAGE NO. 3

DD Form 2446-1, JUL 87

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: <b>May 2009</b>					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA-7 Aircraft Support Equipment &amp; Facilities</b>							BLI & P-1 ITEM NOMENCLATURE <b>070500 COMMON GROUND EQUIPMENT TRAINING</b>						
Program Element for Code B Items:							Other Related Program Elements						
	ID Code	Prior Years	FY 2008	FY 2009	FY2010	FY2010 OCO	FY 2010 Total						
QUANTITY													
Cost (\$M)	A		<b>209,957</b>	<b>268,256</b>	<b>144,885</b>	<b>0</b>	<b>144,885</b>						
<p>Description: 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: The Maintenance Computer Based Training program's emphasis is on Fleet In-Service Training with its Aviation Maintenance Training Continuum Spectrum (AMTCS) Software Module (ASM) developed in support of training and readiness by integrating all training, training management tools, and associated infrastructure through an Automated Software Management Tool that tracks technical training across an individuals career. The Aircraft Firefighting program will procure Mobile Aircraft Firefighting Training Devices (MAFTD) for advanced skills training and for fleet damage control personnel. Last procurement of MAFTDs will occur in FY10 vice FY13 due to revision of fielding objective. The Air Traffic Control (ATC) program provides the necessary simulated training for control tower operations, Carrier Air Traffic Control Center (CATCC) operations, Amphibious Air Traffic Control Center operations and advance radar operations. The 'A' School program's current focus is PC-Simulations to replace hardware training devices, curriculum content conversion to self-paced web delivered training, and electronic classroom systems to support delivery of training in the Integrated Learning Environment (ILE). The Naval Aviation Survival Training program provides mission critical training systems and systems support for Navy and Marine Corps aircrew and select DoD personnel.</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: The Chief of Naval Aviation Training (CNATRA) program will provide a technical refresh to the T-45 simulator and will continue T-45 Operational Flight Trainer (OFT) acquisition and will support the T-44 Avionics Upgrade program and the TH-57 Service Life Extension Program (SLEP). The Undergraduate Military Flight Officer (UMFO) Training program acquires high fidelity flight officer training systems. The F/A-18 program will focus on simulator concurrency with the parent platform and refreshing key simulator sub-systems including visual systems, databases, threat models and aerodynamic properties. The Fleet Aircrew Simulator Training (FAST) Plan provides for trainer procurements and major upgrades to address Fleet (post-FRS) training requirements. P-3 will provide a technical refresh of the 2F179A Tactical Operations Readiness Trainer (TORT) and the 2F87 flight simulator. Visual and technological upgrades will be made to USMC KC-130, H-1, CH-53, CH-46, V-22, AV-8B and the Presidential Helicopter training devices, Virtual Training Environment infrastructure will be installed at East/West coast USMC bases and training courseware and curriculum will be procured for transformational Marine Corps Aircraft.</p> <p>*FY2009 OCO (\$78M) funding will be used to purchase two 2F87 Lvl D(e) Operational Flight Trainers (OFT) for NAS Jacksonville and NAS Whidbey Island to meet the increasing demand to transition some pilot/training and three Tactical Operation Readiness Trainers (2F179A TORT) to meet the current training requirements at NAS Whidbey Island, NAS Jacksonville and NAS Kaneohe Bay to transition some mission system proficiency into a synthetic training environment.</p>													

P-1 SHOPPING LIST

CLASSIFICATION:

**UNCLASSIFIED**

CLASSIFICATION:

**UNCLASSIFIED**

Exhibit P-5 Cost Analysis (Page 1)					Weapon System:			DATE: <b>May 2009</b>						
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY /BA-7 Aircraft Support Equipment &amp; Facilities</b>					ID Code <b>A</b>	P-1 ITEM NOMENCLATURE 070500 COMMON GROUND EQUIPMENT TRAINING - 47C2								
COST CODE	ELEMENT OF COST	TOTAL COST IN DOLLARS												
		Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
70200	<b>GENERAL TRAINING EQUIPMENT</b>													
	1. A School Classroom Trainers/Training Devices				9,672			9,450			9,700			
	2. Aircrew Combat Training System (ACTS)				3,611					800				
	3. Air Traffic Control (ATC)				1,054			1,082		958				
	4. Aviation Phys & Water Survival Trainers				3,688			3,774		3,516				
	5. Maintenance Computer Based Training				11,956			12,791		6,214				
	6. Mission Rehearsal Pre-Planned Product Improvement (PPP)/Support				863			881		1,199				
	7. Mobile Aircraft Firefighting Training Device (MAFTD)		3	671.000	2,013	3	686.000	2,058	2	767.500	1,535			
	8. Other General Training Equipment Costs				2,002			3,587		2,795				
	<b>Procurement Cost</b>	0.000			<b>34,859</b>			<b>33,623</b>		<b>26,717</b>				<b>0</b>

DD FORM 2446, JUN 86

P-1 SHOPPING LIST ITEM NO. 58

CLASSIFICATION:

**UNCLASSIFIED**

**UNCLASSIFIED**

CLASSIFICATION:

Exhibit P-5 Cost Analysis (Page 1)						Weapon System:			DATE: <b>May 2009</b>					
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY /BA-7 Aircraft Support Equipment &amp; Facilities</b>						ID Code <b>A</b>	P-1 ITEM NOMENCLATURE 070500 COMMON GROUND EQUIPMENT TRAINING - 47C2							
COST CODE	ELEMENT OF COST	TOTAL COST IN DOLLARS												
		Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
70300	<b>MODIF/MODERN OF TRAINERS</b>													
	9. CNATRA Trainer Support				2,738			2,903			1,886			
	10. Direct Support Readiness Training				3,600			3,200						
	11. E-6 Trainers/Support				4,482			208			370			
	12. EA-6B Trainers/Support				1,755			157			4,436			
	13. EP-3 Trainer Upgrade/Support				656			664			469			
	14. F/A-18 Trainers/Support				4,462			5,771			6,406			
	15. Fleet Aircrew Simulator Training (FAST)				51,375			51,922			43,987			
	16.P-3 Trainers/Support				2,735			80,835			2,118			
	17. T-45 Simulator Upgrade				7,456			7,456			7,293			
	18. Undergraduate Military Flight Officer (UMFO) Training				16,243			37,100			8,412			
	19. USMC Federation Simulators**				75,329			41,129			41,073			
	20. Other Modif/Modern of Trainers Costs				4,267			3,288			1,718			
					175,098			234,633			118,168			
	<b>Procurement Cost</b>	0.000			<b>209,957</b>			<b>268,256</b>			<b>144,885</b>			<b>0</b>

DD FORM 2446, JUN 86

P-1 SHOPPING LIST ITEM NO. 58

CLASSIFICATION:

**UNCLASSIFIED**

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE <b>May 2009</b>			
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA-7 Aircraft Support Equipment & Facilities					C. P-1 ITEM NOMENCLATURE 070500 COMMON GROUND EQUIPMENT TRAINING				SUBHEAD 47C2	
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>Mobile Aircraft Firefighting Training Device (MAFTD)</b>										
FY2008	3	671	NAWCTSD	10/07	SS/Option	KIDDE FIRE TRAINERS, INC MONTVALE NJ	02/08	08/08	YES	
FY2009	3	686	NAWCTSD	TBD	SS/Option	KIDDE FIRE TRAINERS, INC MONTVALE NJ	12/08	10/09	YES	
FY2010	2	768	NAWCTSD	TBD	SS/Option	KIDDE FIRE TRAINERS, INC MONTVALE NJ	12/09	07/10	YES	
D. REMARKS										

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: <b>May 2009</b>				
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY /BA-7</b>							P-1 ITEM NOMENCLATURE <b>071500, Aircraft Industrial Facilities</b>				
Program Element for Code B Items: <b>0204161N</b>							Other Related Program Elements <b>0204164N</b>				
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	FY2010 OCO	FY 2010 Total				
Quantity											
Cost (\$M)	911.860	A	10.739	11.035	11.075	0.000	11.075				
<p>DESCRIPTION: This budget line item funds two programs: Calibration Equipment &amp; Contractor Facilities</p> <p>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 '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 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.</p> <p>Contractor Facilities Description:            NAVAIR owns one active, contractor operated aircraft manufacturing plants and several hundred acres of environmentally contaminated land at one former plant. NAVAIR is the environmental permittee at three sites, 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 complete and fair market value to be paid if property is sold. The ASN (I&amp;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.</p>											
			<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2010</u> <u>OCO</u>	<u>FY 2010</u> <u>Total</u>				
CALIBRATION EQUIPMENT			9.841	10.107	10.095	.000	10.095				
CONTRACTOR FACILITIES			.898	.928	.980	.000	.980				
Total			10.739	11.035	11.075	.000	11.075				

P-1 SHOPPING LIST ITEM NO. 59

CLASSIFICATION:

**UNCLASSIFIED**

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40:							DATE: May 2009				
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, NAVY /BA-7							P-1 ITEM NOMENCLATURE 071500, Aircraft Industrial Facilities				
Procurement Items	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2010 OCO					
Automated/Interface CALSTD	A										
Quantity			57	145	95	0					
Funding		11,228	96	288	228	0					
Low Frequency AC/DC CALSTD	A										
Quantity			185	138	118	0					
Funding		88,311	1,653	1,878	1,644	0					
Other CALSTD Procurement	A										
Quantity			152	143	98	0					
Funding		8,576	1,337	1,504	955	0					
Other Costs		98,924	2,171	2,189	2,306	0					
Physical Dimen/Optical CALSTD	A										
Quantity			140	147	126	0					
Funding		105,972	1,746	3,436	3,246	0					
RF/Microwave CALSTD	A										
Quantity			45	26	80	0					
Funding		84,629	1,690	493	1,434	0					
Res/Impedance CALSTD	A										
Quantity			568	187	104	0					
Funding		35,612	1,148	319	282	0					
Contractor Facilities	A	478,608	898	928	980	0					
Total		911,860	10,739	11,035	11,075	0					

P-1 SHOPPING LIST ITEM NO. 59

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: May 2009				
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE				
<b>AIRCRAFT PROCUREMENT NAVY-BA7 AIRCRAFT EQUIPMENT AND FACILITIES</b>							<b>072000 War Consumables (J7C5)</b>				
Program Element for Code B Items: <b>0204164N/0204161N</b>							Other Related Program Elements <b>RDT&amp;E: 0205633N Project (3189) Digital I-TER (Project 3190) Multi-Purpose Bomb Racks</b>				
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	FY 2010 OCO	FY 2010 Total				
Quantity											
Cost (\$M)	533.496		80.731	62.072	55.406	0.000	55.406				
<p><b>DESCRIPTION:</b>                      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 common bomb racks, peculiar bomb racks, launchers, External Fuel Tanks (EFT) and related support for USN/USMC platforms. The ARS portion procures aerial refueling stores.</p> <p><b>COMMON AIRCRAFT ANCILLARY EQUIPMENT (AAE)</b>                      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:</p> <ul style="list-style-type: none"> <li>- Bomb Rack Upgrades to include reliability improvements.</li> <li>- Launcher Upgrade to include modifications of LAU-115C/A, LAU-115D/A, LAU-127, LAU-7 and associated equipment.</li> <li>- Procurement of new LAU-7 hardware for Navy and Marine Corps tactical aircraft.</li> <li>- Pure Air Generating System (PAGS)/High Pressure Pure Air Generators (HIPAG) are an on-board coolant generator for infrared (IR) seeking missiles.</li> <li>- Common Interface Assembly provides electrical connectivity and a conduit for nitrogen flow between the new design PAGS unit and the LAU-7 missile launcher.</li> <li>- Replacement External Fuel Tanks for F/A-18 (variants), required to meet the Fleet Response plan and replace original equipment due to fatigue issues.</li> <li>- External Fuel Tank Support Equipment</li> <li>- Digital ITER 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 4Q09, Integrated Operational Test &amp; Evaluation (IOT&amp;E) 1Q10 thru 2Q10</li> </ul> <p><b>AERIAL REFUELING STORES (ARS)</b>                      The ARS program, finances Aerial Refueling Systems. Requirements are determined by an inventory objective, which supports peacetime/wartime needs. Aircraft equipped with the A/A42R-1 Aerial Refueling Stores (ARS) are required for all carrier based tanking missions (overhead tanking (primarily recovery focused), strike, and yo-yo tanking). Total reliance on the ARS and integration in the F/A-18E/F requires substantial improvements to the existing stores to ensure their viability through 2040. Investigation of major subsystems in pursuit of life cycle cost savings, mitigation of flight safety risk, and reliability enhancements have identified a large dollar value return on investment for service life extension, reduction in flight safety risk, and areas where reliability improvements can be realized.</p> <p>FY08 FUNDS: \$1.0M Congressional Add for LAU-7 Sidewinder Missile Launcher Replacement Program and FY08 Supplemental funds of \$14.8M for External Fuel Tanks.</p> <p>FY10 provides funding to procure Bomb Rack Upgrade, Launcher Upgrades, LAU-7, Common Interface Assembly, PAGS, External Fuel Tanks, Aerial Refueling Stores and associated support.</p>											



WEAPONS SYSTEM COST ANALYSIS												DATE: <b>May 2009</b>					
P-5																	
APPROPRIATION/BUDGET ACTIVITY								ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD								
<b>AIRCRAFT PROCUREMENT NAVY/BA7 AIRCRAFT EQUIPMENT AND FACILITIES</b>								<b>072000</b>	<b>War Consumables (J7C5)</b>								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO				
			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 (Note 1)	A	19,738			1,785			1,480			1,534					
73600	Launcher Upgrade (Note 2)	A	9,203			7,211			7,989			1,774					
73600	LAU-7	A	48,139	568	29.408	16,704	464	30.437	14,123	366	31.502	11,530					
73600	Pure Air Generating System F/LAU-7	A	1,710				464	17.127	7,947	366	17.367	6,356					
73600	High Press. Pure Air Gen.	A	52,102	568	29.623	16,826											
73600	Common Interface Assy	A	0				464	1.403	651	366	1.453	532					
73600	Rack and Launcher Test Set	A	1,095														
73600	External Fuel Tanks (Note 3)	A	8,965	400	48.051	19,220	284	47.660	13,535	279	45.843	12,790					
73600	External Fuel Tank Support Equipment	A				4,237											
73600	BRU-55	A	10,988														
73600	Digital I-TER	B								147	50.340	7,400					
73600	ILS		5,918			667			685			701					
73600	Product Improvement		13,057			4,705			4,265			5,391					
73600	Product Engineering		27,245			2,301			2,090			2,405					
73600	Various (Note 4)		131,124														
	<b>TOTAL COMMON AAE</b>		<b>329,284</b>			<b>73,656</b>			<b>52,765</b>			<b>50,413</b>					
	<b>Aerial Refueling Stores</b>																
73500	Aerial Refueling Stores		30,574			5,722			8,307			3,792					
73500	Production Support		6,897			1,353			1,000			1,201					
73500	Various (Note 4)		161,960														
	<b>TOTAL AERIAL REFUELING STORES</b>		<b>199,431</b>			<b>7,075</b>			<b>9,307</b>			<b>4,993</b>					
	Columns may not add due to rounding																
			<b>528,715</b>			<b>80,731</b>			<b>62,072</b>			<b>55,406</b>					<b>0</b>

- (1) Quantities are not reflected due to procuring different bomb racks for multiple aircraft T/M/S.
- (2) FY08 includes Congressional Add of \$1.0M for LAU-7 Sidewinder Missile Launcher Replacement Program.
- (3) FY08 includes Supplemental funds of \$14.8M
- (4) The amount identified against this cost element reflects total prior year funding associated with equipment no longer procured

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
<b>AIRCRAFT PROCUREMENT NAVY/BA7 AIRCRAFT EQUIPMENT AND FACILITIES</b>					<b>072000 War Consumables</b>				<b>J7C5</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	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>LAU-7</u>										
FY-07	194	31.324	NAVAIR	Option	C/FP	Marvin Eng. Englewood, CA	Aug-07	Aug 08	Yes	
FY-08	568	29.408	NAVAIR	Jul-07	C/FP	Marvin Eng. Englewood, CA	Aug-08	Oct-09	Yes	
FY-09	464	30.437	NAVAIR	Option	C/FP	Marvin Eng. Englewood, CA	Mar-09	Oct-10	Yes	
FY-10	366	31.502	NAVAIR	Option	C/FP	Marvin Eng. Englewood, CA	Mar-10	Aug-11	Yes	
<u>Pure Air Generator Systems (Common AAE)</u>										
FY-09	464	17.127	NAVAIR	Option	C/FP	Marrotta Montville,NJ	Aug-09	Apr-10	Yes	
FY-10	366	17.367	NAVAIR	Option	C/FP	Marrotta Montville,NJ	Mar-10	Feb-11	Yes	
<u>High Press. Pure Air Gen.</u>										
FY-07	237	29.464	NAVAIR	Option	SS/FP	Ultra Electronics, England	Feb-07	Nov 07	Yes	
FY-08	568	29.623	NAVAIR	Option	SS/FP	Ultra Electronics, England	Jun-08	Mar-09	Yes	
<u>Common Interface Assy</u>										
FY-09	464	1.403	NAVAIR	Option	SS/FP	Ultra Electronics, England	Mar-09	Dec-09	Yes	
FY-10	366	1.453	NAVAIR	Option	SS/FP	Ultra Electronics, England	Mar-10	Nov-10	Yes	
<u>External Fuel Tanks</u>										
FY-08	400	48.051	NAVAIR	Dec-06	C/FP	Cyclone Industries, Israel	Dec-08	Sep-09	Yes	
FY-09	284	47.660	NAVAIR	Option	C/FP	Cyclone Industries, Israel	Aug-09	Sep-10	Yes	
FY-10	279	45.843	NAVAIR	Option	C/FP	Cyclone Industries, Israel	Jul-10	May-11	Yes	
<u>Digital ITER</u>										
FY-10	147	50.340	Lakehurst SBIR	Option	SS/FP	ITT, Warminster, PA	May-10	May-11	Yes	
D. REMARKS										



PRODUCTION SCHEDULE, P-21						DATE <b>May 2009</b>																								
APPROPRIATION/BUDGET ACTIVITY						Weapon System					P-1 ITEM NOMENCLATURE																			
AIRCRAFT PROCUREMENT NAVY-BA7 AIRCRAFT EQUIPMENT AND FACILITIES						072000					War Consumables J7C5																			
						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																
LAU-7	Marvin, Inglewood, CA					300	450	600		6	12	17	23	Each																
External Fuel Tanks	Cyclone Industries, Israel					100	200	400		10	16	10	20	Each																
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2012												FISCAL YEAR 2013												B A L
						2011						CALENDAR YEAR 2012						CALENDAR YEAR 2013												
						O C T	N O V	D E C	J A N	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	
LAU-7 Marvin Electronics	10	N	366	92	274	46	46	46	46	46	44															0				
External Fuel Tanks (Cyclone Industries)	10	N	279	149	130	33	34	33	30																	0				
																										0				
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2014												FISCAL YEAR 2015												B A L
						2013						CALENDAR YEAR 2014						CALENDAR YEAR 2015												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
Remarks:																														

BUDGET ITEM JUSTIFICATION SHEET							DATE:	
<b>P-40</b>							<b>May 2009</b>	
APPROPRIATION/BUDGET ACTIVITY <b>APN-BA7 AIRCRAFT EQUIPMENT AND FACILITIES</b>					P-1 ITEM NOMENCLATURE <b>072500, OTHER PRODUCTION CHARGES</b>			
Program Element for Code B Items: <b>0204571N</b>					Other Related Program Elements			
OTHER PRODUCTION CHARGES								
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	OCO FY 2010	Total FY 2010	
Quantity / Cost Cat								
Cost (\$M)								
	98.575	A	20.643	27.788	23.861	0.000	23.861	

DESCRIPTION: 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:

**COMMON AVIONICS DECENTRALIZED:**

Programmatic and technical support to Air Combat Electronics Program (PMA-209) in-production systems.

**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 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/A-18/AV-8B Internal Subsystem (IS), Rotary and Transport Aircraft Rack-mounted Subsystem (RS) and other tactical aircraft Airborne Subsystems (AS). Beginning in FY10, Joint Tactical Radio System (JTRS) compliant data line transceiver retrofit kits will be procured to replace current data link transceiver and to provide other performance enhancements. Due to increased and evolving Information Assurance (IA) requirements, the JTRS radio development and subsequent TCTS integration was delayed to FY10. Therefore, \$3.5M APN was realigned to RDTE (PE 0204571N PU 3093) in FY10 to address and fund development of the JTRS radio integration and synchronize the budget to schedule.

CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS										DATE: <b>May 2009</b>					
P-5															
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE/SUBHEAD										
<b>Aircraft Procurement, Navy/BA-7</b>					<b>072500 Other Production Charges /47C6</b>										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
74000	<b>Common Avionics Decentralized (PMA 209)</b>	A	1,077												
74950	<b>TCTS</b>														
	Participant Subsystem	A	33,926	232	80	18,524	297	84	24,801	314	61	19,016			
	ILS	A	2,661			1,208			1,946			3,112			
	Acceptance Test	A	3,442			185			185			785			
	Other Costs	A	57,469			726			856			948			
			<b>98,575</b>			<b>20,643</b>			<b>27,788</b>			<b>23,861</b>			<b>0</b>

DD FORM 2446, JUN 86

P-1 SHOPPING LIST  
ITEM NO. 61

CLASSIFICATION:  
**UNCLASSIFIED**

CLASSIFICATION: **UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>May 2009</b>			
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA7					C. P-1 ITEM NOMENCLATURE <b>OTHER PRODUCTION CHARGES-TCTS</b>					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											
FY2008	232	80	ACC/WMR	12/02	C-FFP	Cubic San Diego, CA	1/08	1/09	N/A	N/A	
FY2009	297	84	ACC/WMR	12/02	C-FFP	Cubic San Diego, CA	10/08	9/09	N/A	N/A	
FY2010	314	61	ACC/WMR	12/02	C-FFP	Cubic San Diego, CA	12/09	10/10	N/A	N/A	
D. REMARKS											

CLASSIFICATION:  
**UNCLASSIFIED**





CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: May 2009				
APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY /BA-7</b>							P-1 ITEM NOMENCLATURE <b>073500 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 2008	FY 2009	FY 2010	OCO FY 2010	Total FY 2010					
Quantity												
Cost (\$M)	805.782		321.476	36.431	42.147	0.000	42.147					
Initial Spares (\$M)												
Total (\$M)	<b>805.782</b>		<b>321.476</b>	<b>36.431</b>	<b>42.147</b>	<b>0.000</b>	<b>42.147</b>					
Unit Cost (\$M)												

Details of this P-1 item are classified. Justification of this request is provided separately.



CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET										DATE:	
P-40										May 2009	
APPROPRIATION/BUDGET ACTIVITY						BLI & P-1 ITEM NOMENCLATURE					
<b>Aircraft Procurement, Navy/BA-7</b>						<b>079000, CANCELLED ACCOUNT ADJUSTMENTS</b>					
Program Element for Code B Items:						Other Related Program Elements					
<b>Not Applicable</b>						<b>Not Applicable</b>					
	ID Code	Prior Years	FY 2008	FY 2009	FY2010	OCO FY2010	Total FY2010				
Quantity / Cost Cat											
Cost (\$M)			0.432								
<p>DESCRIPTION: This line finances cancelled account adjustments.</p>											