DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2011 BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES FEBRUARY 2010

AIRCRAFT PROCUREMENT, NAVY
Volume III:
BUDGET ACTIVITY 7



Department of Defense Appropriations Act, 2011

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, \$18,508,613,000, to remain available for obligation until September 30, 2013.



Department of the Navy FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request

Summary

(Dollars in Thousands)

Appropriation	FY 2009 (Base & OCO)	FY 2010 Base & OCO Enacted	FY 2010 Supplemental Request	FY 2010 Total
Aircraft Procurement, Navy	586,461	492,986		492,986
Total Department of the Navy	586,461	492,986		492,986

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 22, 2010 at 13:09:08

22 Jan 2010

Department of the Navy FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request

Summary

(Dollars in Thousands)

Appropriation	FY 2011 Base	FY 2011 OCO	FY 2011 Total Request
Aircraft Procurement, Navy	420,556		420,556
Total Department of the Navy	420,556		420,556

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 22, 2010 at 13:09:08

Page N-1A

22 Jan 2010

Department of the Navy FY 2011 President's Budget

FY 2011 President's Budget Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request

Summary 22 Jan 2010 (Dollars in Thousands)

Appropriation: Aircraft Procurement, Navy

Budget Activity	FY 2009 (Base & OCO)	FY 2010 Base & OCO Enacted	FY 2010 Supplemental Request	FY 2010 Total
07. Aircraft Support Equip & Facilities	586,461	492,986		492,986
Total Aircraft Procurement, Navy	586,461	492,986		492,986

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 22, 2010 at 13:09:08

Department of the Navy FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request

Summary

(Dollars in Thousands)

Appropriation: Aircraft Procurement, Navy

Budget Activity	FY 2011 Base	FY 2011 OCO	FY 2011 Total Request
07. Aircraft Support Equip & Facilities	420,556		420,556
Total Aircraft Procurement, Navy	420,556		420,556

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 22, 2010 at 13:09:08

22 Jan 2010

Department of the Navy FY 2011 President's Budget whibit P-1 FY 2011 Base and Overseas Contingency Operation

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy Date: 22 Jan 2010

Line	Ident	FY 2009 (Base & OCO)	FY 2010 Base & OCO Enacted	FY 2010 Supplemental Request	FY 2010 Total	S e
No Item Nomenclature	Code	Quantity Cost	Quantity Cost	Quantity Cost	Quantity Cost	С
Budget Activity 07: Aircraft Support Equip & Fac	ilities					_
Aircraft Support Equip & Facilities						
60 Common Ground Equipment	А	445,418	359,177		359,177	U
61 Aircraft Industrial Facilities	А	11,035	11,041		11,041	U
62 War Consumables	А	62,072	55,235		55,235	U
63 Other Production Charges	А	27,888	23,787		23,787	U
64 Special Support Equipment	А	36,431	42,017		42,017	U
65 First Destination Transportation	А	3,598	1,729		1,729	U
66 Cancelled Account Adjustments	А	19				U
Total Aircraft Support Equip & Facilities		586,461	492,986		492,986	
Total Aircraft Procurement, Navy		586,461	492,986		492,986	

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 22, 2010 at 13:09:08

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

Appropriation: 1506N Aircraft Procurement, Navy

Date: 22 Jan 2010

Line	Ident	FY 2011 Base	FY 2011 OCO		S e
No Item Nomenclature	Code	Quantity Cost	Quantity Cost	Quantity Cost	C
Budget Activity 07: Aircraft Support Equip & Fa	cilities				
Aircraft Support Equip & Facilities					
60 Common Ground Equipment	A	322,063		322,063	U
61 Aircraft Industrial Facilities	A	17,998		17,998	U
62 War Consumables	A	25,248		25,248	U
63 Other Production Charges	А	7,579		7,579	U
64 Special Support Equipment	A	45,916		45,916	U
65 First Destination Transportation	A	1,752		1,752	U
66 Cancelled Account Adjustments	A				U
Total Aircraft Support Equip & Facilities		420,556		420,556	
Total Aircraft Procurement, Navy		420,556		420,556	

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 22, 2010 at 13:09:08



CLASSIFICATION: UNCLASSIFIED

			OC	M JUSTIFIC		DATE:								
				P-40				February 2010						
APPROPRIATION/BUDGET A	CTIVIT	Y						P-1 ITEM NO	MENCLATU	RE				
AIRCRAFT PROCUREN	IENT, I	NAVY	/BA-7 AIF	RCRAFT EC	QUIPMENT	AND FACILIT	ΓIES							
									070500 CC	OMMON GF	ROUND E	QUIPMENT		
Program Element for Code B Items:								Other Related Program Elements						
P	rior	ID			Base	OCO	Total					То		
Y	ears	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total	
Quantity														
Cost (\$M)		Α	445.418	359.177	322.063		322.063	330.824	355.874	357.610	364.105	Continued	Continued	

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:

	TOTAL	445.418	359.177	322.063	0.000	322.063	330.824	355.874	357.610	364.105	Continued	Continued
Other Flight Training		174.240	132.398	94.829		94.829	86.566	89.577	90.237	97.238	Continued	Continued
Topscene		0.881	1.195	1.731		1.731	1.760	1.790	1.820	1.850	Continued	Continued
General Skills Training		15.110	16.029	23.583		23.583	23.183	22.921	19.850	15.107	Continued	Continued
Mobile Maint Facilities		11.758	6.754	6.863		6.863	6.968	7.096	7.220	7.347	Continued	Continued
Ground Support Equip		243.429	202.801	195.057		195.057	212.347	234.490	238.483	242.563	Continued	Continued
		FY2009	FY 2010	Base FY 2011	OCO FY 2011	Total FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Complete	<u>Total</u>

Note: Within the FY2009 \$445.4M, \$62K is for the DAWDF realignment.

Exhibit P-40, Budget Item Justification (Exhibit P-40, page 1 of 39)

DD Form 2454, JUN 86 P-1 Line No. 60

CLASSIFICATION: UNCLASSIFIED

		BUI	OGET ITEM	VI JUSTIFIO P-40	CATION SHE	ET			DATE:	F	ebruary 20	10			
APPROPRIATION/BUD	GET ACTIVI	TY						P-1 ITEM N	OMENCLATU						
AIRCRAFT PROCU	JREMENT.	NAV	/ /BA-7 All	RCRAFT E	QUIPMENT	AND FACILI	ΓIES		070500 C	OMMON G	ROUND E	QUIPMENT			
								Ground Support Equipment							
Program Element for Co	ode B Items:							Other Related Program Elements							
	Prior Years	ID Code	FY 2009	FY 2010	Base FY 2011	OCO FY 2011	Total FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Complete	Total		
Quantity												·			
Cost (\$M)			243.429	202.801	195.057		195.057	212.347	234.490	238.483	242.563	Continued	Continued		
follows:			FY2009	FY2010	Base FY 2011	OCO FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY2015	To Complete	<u>Total</u>		
			FY2009	FY2010	Base FY 2011	OCO FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY2015	To Complete	<u>Total</u>		
Automatic Test Equipmen	it		27.390	29.937	32.663		32.663	34.438	34.780	35.349	35.940	Continued	Continued		
Aircraft Common SE			108.934	90.304	86.621		86.621	77.837	76.473	77.462	79.291	Continued	Continued		
ICP/HQM SE			25.568	23.069	22.864		22.864	23.573	25.676	26.424	26.366	Continued	Continued		
Subtotal			161.892	143.310	142.148		142.148	135.848	136.929	139.235	141.597	Continued	Continued		
Consolidated Automated	Supt Syst		81.537	59.491	52.909		52.909	76.499	97.561	99.248	100.966	Continued	Continued		

Exhibit P-40, Budget Item Justification (Exhibit P-40, page 2 of 39)

DD Form 2454, JUN 86 P-1 Line No. 60

		BUD	SET ITEM .	JUSTIFICA	TION SHEE	ĒΤ		DATE:					
				P-40	February 2010								
APPROPRIATION/BUDGET ACTIVITY								P-1 ITEM NO	MENCLATU	RE	-		
AIRCRAFT PROCUREMENT, NAVY /BA-7 AIRCRAFT EQUIPMENT AND FACILITIES									070500 CC	OMMON GF	ROUND EQ	UIPMENT	
									Al	JTOMATIC T	EST EQUIPM	ENT	
Program Element for Co	de B Items:							Other Relate	d Program Ele	ements			
	Prior	ID			Base	OCO	Total					То	
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total
Quantity													
Cost (\$M)		Α	27.390	29.937	32.663		32.663	34.438	34.780	35.349	35.940	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) and AN/USM-702 Consolidated Automated Support System (CASS) and the acquisition, modification and associated test routines of common ATE to meet fleet operational requirements identified in the fleet concurred Common Support Equipment Operational Requirements List.

TEST PROGRAM SETS (TPSs) TRANSITION TO CASS

TPSs are 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 and migrated to RTCASS based on fleet priorities. This budget requests funds for the procurement of TPSs to offload support from existing obsolete ATE to CASS and RTCASS, as well as support of GFE requirements including UUT and CASS stations at CASS TPS Test Integration Facilities.

COMMON ATE ACQUISITION, MODIFICATION AND TEST ROUTINES

System acquisition and modification is necessary to replace obsolete and unsupportable equipment, support current technology, incorporate necessary reliability and maintainability improvements, and correct Fleet reported problems as a result of Engineering Investigations/Quality Deficiency Reports for out-of-production common ATE. Without these modifications replacement parts will not be available and common ATE will not remain operational.

FY09-11 provides funding to procure multiple weapon system CASS Operational Test Program Sets (OTPS's) and the migration of these OTPS's to RTCASS. In addition, procures common ATE (Pinpoint & Protrack) and their associated test routines supporting multiple weapons systems.

DD Form 2454, JUN 86 P-1 Line No. 60

UNCLASSIFIED

	COST ANAL P-5	YSIS.			Weapon System					DATE: February 2010		
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 A	IRCRAI	FT EQUIPMEN	T AND FA	ACILITIES		070500 CO	MMON GR	IRE/SUBHEAD OUND EQUI EQUIPMEN	JIPMENT		
			TOTAL COST IN TI	HOUSANDS	OF DOLLARS							
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010			FY 2011	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
70000	TPS TRANSITION TO CASS	А	99,146			18,990			22,484			22,49
70800	INTEGRATED LOGISTICS SUPPORT (ILS)		8,140			2,550			2,150			3,22
70830	PRODUCTION ENGINEERING SUPPORT (PE)		40,684			5,850			5,303			6,93
			147,970			27,390			29,937			32,66

CLASSIFICATION: UNCLASSIFIED

		BUDO	GET ITEM	JUSTIFICA	TION SHE	ET		DATE:					
	P-40 February 20							ebruary 20	10				
APPROPRIATION/BUD	GET ACTIV	ITY						P-1 ITEM NO	MENCLATU	RE			
AIRCRAFT PROCU	REMENT	, NAV	/ /BA-7 All	RCRAFT E	QUIPMENT	AND FAC	ILITIES		070500 CC	OMMON GF	ROUND EC	UIPMENT	
									A/C COMN	ION SUPP	ORT EQUI	PMENT	
Program Element for Co	de B Items:							Other Relate	d Program El	ements			
	Prior	ID			Base	oco	Total					То	
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total
Quantity													
Cost (\$M) 108.934 90.304 86.621 86						86.621	77.837	76.473	77.462	79.291	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.

FY09 provides funding to procure: Diesel/Electric Air Conditioner, Portable Oxygen Reg. T/S (PORTS), Tacan I Level T/S, Tow Tractor Heavy, Shipboard Tractor, Digital Radiography, Agitated Solvent Parts washer, Optical Fiber Test Set, Contaminent/Pur/Moist, Video Borescope, Ultrasonic Tester, A/C Wiring T/S O/ I Level, Borescope, Defect Measure, Shaft Engine Test Instr. (SETI), R/F Comm/Nav T/S, MMG-1A Replacement, Crane Wheel, and associated support cost.

FY10 provides funding to procure: Diesel/Electric Air Conditioner, Portable Oxygen Reg. T/S (PORTS), Shipboard, Helo Handler, Turbo Prop. Eng. Test Inst (TPETI), NG SW Loader, Video Borescope, A/C Wiring T/S O/ I Level, Borescope, Defect Measure, Air Conditioner Ship Shore, R/F Comm/Nav T/S, MMG-1A Replacement, Crane Wheel, Oxygen Plant and associated support cost.

FY11 provides funding to procure: Diesel/Electric Air Conditioner, Portable Oxygen Reg. T/S (PORTS), Tow Tractor Heavy, Landbase MEPP 60 KVA, Turbo Prop. Eng. Test Inst (TPETI), NG SW Loader, Video Borescope, R/F Comm/Nav T/S, EW Signal Generator, Vibration Analyzer, A/S32P-25A Fire Truck CILOP and associated support cost.

Exhibit P-40, Budget Item Justification (Exhibit P-40, page 5 of 39)

DD Form 2454, JUN 86 P-1 Line No. 60

UNCLASSIFIED

	COST ANALY P-5	YSIS			Weapon Syst	em				DATE: Februar	y 2010	
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 AII	RCRAI	FT EQUIPMEN	IT AND F		ID Code	070500 CO	MMON GR	RE/SUBHEAI OUND EQUI PORT EQUI	PMENT	47C2	
			TOTAL COST IN T	HOUSANDS	OF DOLLARS		II.		•			
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010			FY 2011	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
70400	HYD POWER SUPPLY (ELEC)	А	13,069									
70400	482 REPLACEMENT	Α	5,073									
70400	DIESEL/ELEC. AIR CONDITIONER	В	475	50	150.000	7,500	50	155.000	7,750	52	161.000	8,372
70400	PORTABLE OXGEN REGULATOR T/S (PORTS)	Α	639	38	93.000	3,534	35	93.000	3,255	33	93.000	3,069
70400	TACAN I LEVEL T/S	В	3,455	58	56.240	3,262						
70400	TOW TRACTOR, HEAVY	В		5	140.000	700				60	161.000	9,660
70400	SHIPBOARD TRACTOR	В		5	100.000	500						
70400	SHIPBOARD, HELO HANDLER	В	950				28	122.000	3,416			
70400	DIGITAL RADIOGRAPHY	В	2,800	40	100.000	4,000						
70400	LANDBASE MEPP 60 KVA	В	3,100							101	56.000	5,656
70400	TURBO PROP ENG. TEST INST (TPETI)	В					4	1,100.000	4,400	3	1,100.000	3,300
	<u> </u>		29,561			19,496			18,821			30,057

UNCLASSIFIED

	COST ANA P-5	LYSIS			Weapon Syst	em				DATE: Februar	y 2010	
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 /	AIRCRAI	FT EQUIPMEN	IT AND F		ID Code	070500 CO	MMON GR	RE/SUBHEAI OUND EQUI PORT EQUI	PMENT	47C2	
			TOTAL COST IN T	HOUSANDS	OF DOLLARS		1					
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010			FY 2011	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	FORWARDED FY09-FY11		29,561			19,496			18,821			30,057
70400	NG SW LOADER	В	100				5	25.000	125	120	25.000	3,000
70400	AGITATED SOLVENT PARTS WASHER	В	675	39	15.000	585						
70400	OPTICAL FIBER TEST SET	В	1,404	31	27.000	837						
70400	CONTAMINENT/PUR/MOIST	Α	3,226	21	64.286	1,350						
70400	VIDEO BORESCOPE	В	480	200	20.000	4,000	200	20.000	4,000	200	20.000	4,000
70400	ULTRASONIC TESTER	В	2,325	106	8.900	943						
70400	A/C WIRING T/S O/ I LEVEL	В	1,764	187	8.823	1,650	191	9.000	1,719			
70400	BORESCOPE, DEFECT MEASURE	В	400	45	30.000	1,350	34	30.000	1,020			
70400	AIR CONDITIONER SHIP SHORE	В					8	100.000	800			
70400	HYDRAULIC TEST STAND (I-LEVEL)	В										
			39,935			30,211			26,485			37,057

UNCLASSIFIED

	COST ANA P-5	LYSIS			Weapon Syst	em				DATE: Februar	y 2010	
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 A	AIRCRAI	FT EQUIPMEN	IT AND F		ID Code	070500 CO	MMON GR	RE/SUBHEAD OUND EQUI PORT EQUI	PMENT	47C2	
			TOTAL COST IN T	HOUSANDS	OF DOLLARS						-	
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010			FY 2011	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	FORWARDED FY09-FY11		39,935			30,211			26,485			37,057
70400	MID/SE LANDBASE TOW TRACTOR	А	46,009									
70400	POWER SUPPLY, HYDRAULIC-DIESEL	А	31,608									
70400	SHAFT ENGINE TEST INSTR. (SETI)	А	9,600	11	1,416.900	15,586						
70400	R/F COMM/NAV T/S	В	1,522	305	19.900	6,069	305	20.500	6,252	206	23.800	4,902
70400	MMG-1A REPLACEMENT	А	11,486	145	78.511	11,384	45	76.000	3,420			
70400	EW SIGNAL GENERATOR	В	250							101	61.000	6,161
70400	CRANE, WHEEL	В	7,106	20	334.700	6,694	20	351.400	7,028	7	351.400	2,460
70400	VIBRATION ANALYZER	В								10	45.000	450
70400	OXYGEN PLANT	В					2	800.000	1,600			
			147,516			69,944	 		44,786			51,031

UNCLASSIFIED

	COST ANAL) P-5	′SIS			Weapon Syst	tem				DATE: Februar	y 2010	
_	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 AII	RCRAI	FT EQUIPMEN	IT AND FA		ID Code	070500 CO	MMON GR	RE/SUBHEAD OUND EQUI PORT EQUI	PMENT		
			TOTAL COST IN T	HOUSANDS	OF DOLLARS		•					
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010			FY 2011	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	FORWARDED FY09-FY11		147,516			69,944			44,786			51,031
70400	A/S32P-25A FIRE TRUCK CILOP	В								16	78.000	1,248
70400	MEPP 90KVA	В										
70400	CRALTS REPLACEMENT	В										
70400	PARTICLE COUNTER	В										
70400	SD-2 REPLACEMENT	В										
74800	INTEGRATED LOGISTICS SUPPORT					3,706			6,133			2,197
74830	PRODUCTION ENGINEERING SUPPORT					28,169			37,791			29,798
74900	NON-FMP INSTALLATION					4,556			480			133
74910	FMP INSTALLATION					2,559			1,115			2,214
ł			147,516			108,934			90,304			86,621

UNCLASSIFIED

BUDGET PROCUREMENT HISTOR	Y AND PLA	ANNING EX	(HIBIT (P-5A)			Weapon System		A. DATE		
								Fe	ebruary 2	010
. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, NAVY	//BA-7 AIR	CRAFT EC	QUIPMENT AND FA	CILITIES		ENCLATURE COMMON GROUND EQUIPMENT MMON SUPPORT EQUIPMENT			SUBHEAD 47C2	
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 REVISION AVAILABL
YD POWER SUPPLY (ELEC)										
2008	100	43.490	NAWCADLKE	N/A	C-OPTION	HYDRAULICS INTERNATIONAL, INC CHATSWORTH, CA	5/2008	11/2008	YES	
82 REPLACEMENT										
2008	95	9.056	NAWCADLKE	06/2005	C-OPTION	ACCURATE MACHINE COMPANY, LANCASTER, CA	10/2008	08/2009	YES	
DIESEL/ELEC. AIR CONDITIONER										
2009 2010 2011		150.000 155.000 161.000	NAWCADLKE NAWCADLKE NAWCADLKE	12/2006 12/2006 12/2006	C-OPTION C-OPTION C-OPTION	JBT CORP. OGDEN, UT JBT CORP. OGDEN, UT JBT CORP. OGDEN, UT	9/2009 11/2009 11/2010	01/2010 09/2010 05/2011	YES YES YES	
PORTABLE OXGEN REGULATOR T/S PORTS)										
2009 2010 2011		93.000 93.000 93.000	NAWCADLKE NAWCADLKE NAWCADLKE	N/A N/A N/A	C-OPTION C-OPTION C-OPTION	AEROSPACE CONTROL PRODUCTS, DAVENPORT, IA AEROSPACE CONTROL PRODUCTS, DAVENPORT, IA AEROSPACE CONTROL PRODUCTS, DAVENPORT, IA	07/2009 12/2009 12/2010		YES YES YES	
TACAN I LEVEL T/S										
2008 2009		54.460 56.240	NAWCADLKE NAWCADLKE	08/2006 08/2006	C-OPTION C-OPTION	TEL-INSTRUMENT, CARLSTADT, NJ TEL-INSTRUMENT, CARLSTADT, NJ	01/2007 03/2010		YES YES	
D. REMARKS	1				I		1	<u> </u>		
J. KEWAKKS										

UNCLASSIFIED

BUDGET PROCUREMENT HI	STORY	AND PLA	NNING EX	HIBIT (P-5A)			Weapon System		A. DATE		
									F	ebruary 2	010
B. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT,		BA-7 AIR	CRAFT EQ	UIPMENT AND FAC	CILITIES		ENCLATURE OMMON GROUND EQUIPMENT MMON SUPPORT EQUIPMENT - 4	7C2		SUBHEAD 47C2	
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
TOW TRACTOR HEAVY	2009 2011	5 60	140.000 161.000	NAWCADLKE NAWCADLKE	07/2008 07/2008	C-FFP C-OPTION	TLD AMERICA, WINSOR CT TLD AMERICA, WINSOR CT	02/2009 11/2010		YES YES	
SHIPBOARD TRACTOR	2009	5	100.000	NAWCADLKE	04/2009	C-FFP	TBD	02/2010	10/2010	YES	
SHIPBOARD, HELO HANDLER	2010	28	122.000	NAWCADLKE	05/2008	C-OPTION	DOUGLAS EQUIPMENT, LTD, ENGLAND	06/2010	03/2011	YES	

TBD - Contractor and location can't be determined at this time; all competitive solicitations.

CLASSIFICATION: UNCLASSIFIED

DD Form 2454, JUN 86 P-1 Line No. 60

UNCLASSIFIED

BUDGET PROCUREMENT	HIST	ORY AND	PLANNING	EXHIBIT (P-5A)			Weapon System		A. DATE		
									Fe	ebruary 2	010
B. APPROPRIATION/BUDGET ACTI AIRCRAFT PROCUREMEN		AVY /BA-7	AIRCRAF	FEQUIPMENT AND	FACILITIES		HONGLATURE HOMMON GROUND EQUIPMENT HOMON SUPPORT EQUIPMENT - 4	17C2		SUBHEAD 47C2	
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
	2008 2009	26 40	100.000 100.000	NAWCADLKE NAWCADLKE	09/2009 09/2009	C-OPTION C-OPTION	VIRTUAL MEDIA INGRATION (VMI), FL VIRTUAL MEDIA INGRATION (VMI), FL		04/2010 04/2011	YES YES	
	2008 2011	5 101	100.000 56.000	NAWCADLKE NAWCADLKE	03/2008 03/2008	C-FFP C-OPTION	TBD TBD	8/2010 11/2010	04/2011 07/2011	YES YES	
	2010 2011	4 3	1100.000 1100.000	NAWCADLKE NAWCADLKE	N/A N/A	C-FFP C-OPTION	TBD TBD		10/2010 06/2011	NO NO	09/2009 09/2009
	2008 2010 2011	5 5 120	20.000 25.000 25.000	AIRFORCE AIRFORCE AIRFORCE	N/A N/A N/A	MIPR MIPR MIPR	HILL, AFB, UT HILL, AFB, UT HILL, AFB, UT	05/2009 03/2010 03/2011		YES YES YES	

TBD - Contractor and location can't be determined at this time; all competitive solicitations.

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY	AND PLA	ANNING EX	(HIBIT (P-5A)			Weapon System		A. DATE		
								F	ebruary 2	010
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOM	ENCLATURE			SUBHEAD	
AIRCRAFT PROCUREMENT, NAVY	/BA-7 AIR	CRAFT EC	UIPMENT AND FA	CILITIES	070500 C	OMMON GROUND EQUIPMENT			47C2	
					A/C CO	MMON SUPPORT EQUIPMENT - 47C2				
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
- 		(000)			†					
AGITATED SOLVENT PARTS WASHER										
2008	40	15.000	NAWCADLKE	05/2008	C-FFP	CLARUS TECHNOLOGIES, LLC, BELLINGHAM WA	11/2008	03/2010	YES	
2009	39	15.000	NAWCADLKE	05/2008	C-OPTION	CLARUS TECHNOLOGIES, LLC, BELLINGHAM WA	11/2008	03/2010	YES	
OPTICAL FIBER TEST SET					†					
2008	40	27.000	NAWCADLKE	03/2008	C-FFP	TBD	01/2010	06/2010	YES	
2009	31	27.000	NAWCADLKE	03/2008	C-OPTION	TBD	03/2010	09/2010	YES	
CONTAMINENT/PUR/MOIST		20.000	***************************************	10/0007	0.555		-0/0000	-0/0000	\/50	
2008	22	63.000	NAWCADLKE	12/2007	C-FFP	EPSILON SYSTEMS SOLUTIONS, INC	03/2008		YES	
2009	21	64.286	NAWCADLKE	12/2007	C-OPTION	EPSILON SYSTEMS SOLUTIONS, INC	11/2008	04/2009	YES	
VIDEO BORESCOPE					+					
2008	20	24.000	NAWCADLKE	12/2008	C-FFP	GENERAL INSPECTIONS LTD SKANEATELES. NY	10/2009	12/2010	YES	
2009	200	20.000	NAWCADLKE	12/2008	C-OPTION	GENERAL INSPECTIONS LTD SKANEATELES, NY	04/2010		YES	
2010	200	20.000	NAWCADLKE	12/2008	C-OPTION	GENERAL INSPECTIONS LTD SKANEATELES, NY	04/2010	09/2011	YES	
2011	200	20.000	NAWCADLKE	12/2008	C-OPTION	GENERAL INSPECTIONS LTD SKANEATELES, NY	11/2010	03/2012	YES	
D. REMARKS										1

D. REMARKS

TBD - Contractor and location can't be determined at this time; all competitive solicitations.

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY	AND PLA	NNING EX	HIBIT (P-5A)			Weapon System		A. DATE		
								F	ebruary 2	010
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NON				SUBHEAD	
AIRCRAFT PROCUREMENT, NAVY	BA-7 AIR	CRAFTEQ	UIPMENT AND FAC	CILITIES		COMMON GROUND EQUIPMENT			47C2	
				T		MMON SUPPORT EQUIPMENT - 47C2		B. TE OF	TEOU DATA	5.475
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
ULTRSONIC TESTER										
2008 2009	150 106	15.000 8.900	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 2009 2010	187 187 191	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 02/2010	05/2009 01/2010 06/2010	YES YES YES	
BORESCOPE, DEFECT MEASURE										
2008	10	40.000	NAWCADLKE	12/2008	C-FFP	GENERAL INSPECTIONS LTD SKANEATELES, NY	10/2009	12/2009	YES	
2009	45	30.000	NAWCADLKE	12/2008	C-OPTION	GENERAL INSPECTIONS LTD SKANEATELES, NY		11/2010	YES	
2010	45	30.000	NAWCADLKE	12/2008	C-OPTION	GENERAL INSPECTIONS LTD SKANEATELES, NY	08/2010	04/2011	YES	
AIR CONDITIONER SHIP SHORE										
2010	8	100.000	NAWCADLKE	06/2009	C-FFP	TBD	07/2010	03/2011	YES	
MID/SE LANDBASE TOW TRACTOR										
2008	93	37.000	NAWCADLKE	10/2003	C-OPTION	TUG TECHNOLOGIES CORP, MARIETTA , GA	04/2008	10/2008	YES	
POWER SUPPLY HYD (DIESEL)										
2007	220	43.000	NAWCADLKE	10/2003	C-OPTION	HYDRAULICS INTERNATIONAL INC CHATSWORTH, CA	01/2007	04/2009	YES	
2008	195	46.000	NAWCADLKE	10/2003	C-OPTION	HYDRAULICS INTERNATIONAL INC CHATSWORTH, CA	04/2008	01/2010	YES	

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BUDGET PROCUREMENT H	ISTORY	AND PLA	NNING EXI	HIBIT (P-5A)			Weapon System		A. DATE		
									F	ebruary 2	010
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOM				SUBHEAD	
AIRCRAFT PROCUREMENT	, NAVY	/BA-7 AIR	CRAFT EQU	JIPMENT AND FAC	CILITIES		OMMON GROUND EQUIPMENT			47C2	
						A/C CO	MMON SUPPORT EQUIPMENT - 4	7C2			
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	l		(000)								
	2007	2	1450.000	NAWCADLKE	01/2008	C-FFP	EADS, IRVINE, CA	12/2008	12/2009	YES	
	2008	8	1412.000	NAWCADLKE	01/2008	C-OPTION	EADS, IRVINE, CA	12/2008		YES	
	2009	11	1416.900	NAWCADLKE	01/2008	C-OPTION	EADS, IRVINE, CA	12/2008	10/2010	YES	
R/F COMM/NAV T/S											
	2009	305	19.900	NAWCADLKE	06/2004	C-OPTION	TEL-INSTRUMENTS, CARLSTAD, NJ	12/2009	09/2010	YES	
	2010	305	20.500	NAWCADLKE	06/2004	C-OPTION	TEL-INSTRUMENTS, CARLSTAD, NJ	03/2010	1	YES	
	2011	206	23.800	NAWCADLKE	06/2004	C-OPTION	TEL-INSTRUMENTS, CARLSTAD, NJ	11/2010	12/2011	YES	
MMG-1A REPLACEMENT											
	0000	4.45	70.455	NAMOABLICE	10/0005	O OBTION	AV//ATION OR OUR FOUR	0.4/0.000	00/0000	\/F0	
	2008	145	76.455	NAWCADLKE	12/2005	C-OPTION	AVIATION GROUND EQUP	04/2008		YES	
	2009 2010	145 45	78.511 76.000	NAWCADLKE NAWCADLKE	12/2005 12/2005	C-OPTION C-OPTION	AVIATION GROUND EQUP AVIATION GROUND EQUP	11/2008 01/2010		YES YES	
	2010	45	76.000	NAWCADLKE	12/2005	C-OPTION	AVIATION GROUND EQUP	01/2010	07/2010	YES	
EW SIGNAL GENERATOR											
	2007	5	50.000	NAWCADLKE	04/2007	SS-FFP	APPLIED GEO TECH. INC, CHOCTAW, MS	07/2008	04/2010	YES	
	2011	101	61.000	NAWCADLKE	04/2007	SS-FFP	APPLIED GEO TECH. INC, CHOCTAW, MS	11/2010		YES	
CRANE WHEEL											
	2008	20	324.000	NAWCADLKE	03/2006	C-FFP	TEREX, WAVERLY, IA	09/2008	01/2010	YES	
	2009	20	334.700	NAWCADLKE	03/2006	C-OPTION	TEREX, WAVERLY, IA	08/2009	11/2010	YES	
	2010	20	351.400	NAWCADLKE	03/2006	C-OPTION	TEREX, WAVERLY, IA	11/2009	05/2011	YES	
	2011	7	351.400	NAWCADLKE	03/2006	C-OPTION	TEREX, WAVERLY, IA	11/2010	05/2012	YES	
VIBRATION ANALYZER											
	2011	10	45.000	NAWCADLKE	07/2010	C-FFP	TBD	12/2010	06/2011	YES	
OXYGEN PLANT											
	2010	2	800.000	NAWCADLKE	10/2009	C-FFP	TBD	2/2010	4/2011	YES	
D. REMARKS			Į.			1		ļ			

TBD - Contractor and location can't be determined at this time; all competitive solicitations.

APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, NAVY /BA-7 AIRCRAFT EQUIPMENT AND FACILITIES Production Rate	BUDGET PRODUCTION SCHE	DULE,	P-21																DATE					Fe	ebru	uary	y 20	10			
Production Rate	APPROPRIATION/BUDGET AC	TIVITÝ	,										\	Nea	pon	Sys	stem)													
Item	AIRCRAFT PROCUREMENT, NAV	Y /BA-7	AIRC	RAFT	EQUIF	PMENT	T AND	FAC	ILITI	ES													:. AI	R C	ON	070)500)			
Item							F	rodu	uctio	n Ra	ate																				
DIESEL/ELEC. AIR CONDITIONER F S Q D B Z008 TELEC TEL																													_		
							_			_		Х	to	Oct	1	(1	Mi	fg P	LT	M	_	LT)
TIEM / MANUFACTURER	DIESEL/ELEC. AIR CONDITIONER	JB	T CO	RP. OC	BDEN,	UT	4		6		8						2						6			8			EAG	CH	
TIEM / MANUFACTURER																															
TIEM / MANUFACTURER																															_
Y				_		_					FIS	CAL											FISC								i
C Y L L C O N E A F A A D U U U E C O N B R R Y N L G P	IIEM / MANUFACTURER				_				_	. T			- 1	T							_		_	Γ		T	EAR 2				В
JBT CORP. OGDEN, UT DIESEL/ELEC. AIR CONDITIONER 10 N 50 0 50 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0							С	0	E .	Α	E	Α	Р	Α	Ü	Ü	U	Е	С	0	Е	Α	E	Α	Р	Α		U	U	Е	A L
DIESELIELEC. AIR CONDITIONER 10		09	N	50	0	50												Α				6	6	6	6	6	6	6	6	2	0
JET CORP. OGDEN, UT IN 10	JBT CORP. OGDEN, UT																														<u> </u>
JBT CORP. OGDEN, UT JET CORP. OGDEN, UT	DIESEL/ELEC. AIR CONDITIONER	10	N	50	0	50														Δ										4	46
TIEM/MANUFACTURER		10	- 14	- 00		- 00														, ·										7	70
TIEM/MANUFACTURER																															
ITEM/MANUFACTURER F S Q D D E A D C T Y C T T C T T C T T T C T T T T T T																															<u> </u>
TEM/MANUFACTURER																															<u> </u>
TEM/MANUFACTURER											FISCA	I YE	-ΔR 2	011									FISC	ΩΙ ν	ΈΔR	2012					H
Y C T Y E L A L CONDITIONER 10 N 50 4 46 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	ITEM / MANUFACTURER	F	S	Q	D	В	20	010			1100/				NDAR	YFAI	R 201	1					1100				FAR 2	012			l
C Y L C C N B R R Y N L G P T V C N B R R Y N L G T T T T T T T T T			V	Т	Е				D	.I	F	м			.J	.1	1		0	N	D	.I	F	Γ		1			Α	S	В
JBT CORP. OGDEN, UT DIESEL/ELC. AIR CONDITIONER 11 N 52 0 52 A			С	Υ	L	L	С	0	E .	A	Е	Α	Р	Α			U	Е	С	0	Е	Α	E	Α	Р	Α		U	U	Е	A L
DIESEL/ELC. AIR CONDITIONER 11 N 52 0 52 A		10	N	50	4	46	6	6	6	6	6	6	6	4																	0
JBT CORP. OGDEN, UT DIESEL/ELEC. AIR CONDITIONER 12 N 30 0 30	JBT CORP. OGDEN, UT																														_
JBT CORP. OGDEN, UT		11	N	52	0	52		Α						2	6	6	6	6	6	6	6	6	2								0
JBT CORP. OGDEN, UT	DIEGEL /EL EQ. AID GONDITIONES	40		00		00																					0		0	0	
Pomorko:		12	N	30	0	30														А						б	б	б	б	б	0
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Mellidiks.	Remarks:							ı		_			1				1										1				—

Exhibit P-21, Budget Production Schedule (Exhibit P-21, page 16 of 39)

BUDGET PRODUCTION SCH	EDULE,	P-21															DATE	=				Fe	ebru	uary	y 20	10			
APPROPRIATION/BUDGET A AIRCRAFT PROCUREMENT, NA	CTIVITY	/	RAFT	EQUIF	PMENT	AND F	ACILI	TIES	3		1	Wea	pon	Sys	stem	ı		ITE W T							050	0			
,							duct							Pro	cure	mer		adti					Ī						
Item TOW TRACTOR HEAVY		Name		ocatio		MSR 3	EC 5	ON	M <i>A</i>	λX		T Pri Oct			T At Oct			Initia fg Pl			eord fg P 6			Tota 8			Uni Mea EAC		
TOW TRACTOR HEAVY	TLD F																			0			0			EAC	<u></u>		
			V T E A														FIS	CAL Y	ÆAR	2010									
ITEM / MANUFACTURER	F	S			B 2008 CALENDAR YEAR						R 200	1					1	1	LEND	1	EAR 2	2010			_				
	Y	C	Y	L	L	O N C O T V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J J	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	A L
TOW TRACTOR HEAVY TLD AMERICA, WINSOR CT	09							Α									5											0	
									5100		545										510		(5.15						
ITEM / MANUFACTURER	F	s	Q	D	В	2010			FISC	AL YI	EAR 2	CALEN	IDAR	YFAF	R 201	1					FIS		EAR		EAR 2	012		\dashv	
	Y	V C	T Y	E L	A L	O N C O T V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
TOW TRACTOR HEAVY TLD AMERICA, WINSOR CT	11	N	60	0	60	Α	T V C N B R					5	5	5	5	5	5	5	5	5	5	5	5						0
TED AMERICA, WINSOR CT																													
TOW TRACTOR HEAVY TLD AMERICA, WINSOR CT	12	12 N 45 0 45															Α						5	5	5	5	5	20	
Remarks:																													

Exhibit P-21, Budget Production Schedule (Exhibit P-21, page 17 of 39)

BUDGET PRODUCTION SCH	EDULE.	. P-21																DATE	Ξ				Fe	ebrι	ıary	/ 2 0	10			
APPROPRIATION/BUDGET A	CTIVITY	<u>/</u>											Wea	apon	Sys	stem		P-1	ITE	ΜN	OMI	ENC	LAT	URE	=					_
AIRCRAFT PROCUREMENT, NA	VY /BA-7	7 AIRC	RAFT	EQUIP	MENT	ΓAN	D FA	CILI	TIES	3												OR	HE	EAV	Υ (070	<u>500</u>			
							Pro	duct	ion F	Rate)								adtir											
			nufactu			l			٠	l	• > /		T Pi			T Al			Initia			eord		l .					it of	
Item			and L			_	SR		ON		AX	to	Oct	: 1	(Oct '	1	M	fg Pl	_!_	M	fg Pl	L I		Tota				sure)
TOW TRACTOR HEAVY	ILD A	AMERI	CA, W	NSOR	CI	3		5		8						2						6			8			EAG	JΗ	_
																														_
			<u> </u>		I					FISC	CAL Y	FAR	2013									FISC	CAL Y	EAR	2014					_
ITEM / MANUFACTURER														NDAR	YEAF	R 201	3					1 100		LEND		EAR 2	:014			l
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N O L	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	Z O L	J U	A U G	S E P	B A L
TOW TRACTOR HEAVY	12	N	45	25	20	5	5	5	5							-			-	_					-					0
TLD AMERICA, WINSOR CT																														
TOW TRACTOR HEAVY	13	N	48	0	48		Α			5	5	5	5	5	5	5	5	5	3											0
TLD AMERICA, WINSOR CT																														F
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ITEM / MANUFACTURER	F	S	Q	D	В		2014					(CALE	NDAR	YEAF	R 201	5													
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Exhibit P-21, Budget Production Schedule (Exhibit P-21, page 18 of 39)

BUDGET PRODUCTION SCHE	DULE,	P-21										.,					DATE							ıary	/ 20	10			
APPROPRIATION/BUDGET AC AIRCRAFT PROCUREMENT, NAV			RAFT	EQUIF	PMENT	AND F	ACILI	TIES	3		,	Wea	•		stem			ND	BA:	SE	ENC ME	LAT PP	URI 60	<u> </u>	0	705	00		
						Pro	duct	ion l	Rate						cure														
Item	1	Name	ufactu and L		n	MSR	_	ON	_	٩X		T Pr Oct			T Al			nitia g Pl			eord fg P			Tota	l		Uni Mea	sure	
LANDBASE MEPP 60KVA		TBD				5	12		20						2			8						10			EAC	CH	
ITEM / MANUFACTURER	F	S	Q	D	В	2008			F	ISCA	L YEA				R 200	2					FISC		EAR	2010 AR YI	- 4 D 0	104.0			
HEWI/ WANDFACTOREK	Y	V C	T Y	E	A L	O N C O T V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
LANDBASE MEPP 60KVA, TBD	80	N	5	0	5																						Α		0
	1							-	FISC	CAL Y	EAR 2	2011									FISO	CAL Y	EAR	2012					
ITEM / MANUFACTURER	F	s	Q	D	В	2010							NDAR	YEAI	R 201	1								AR Y	EAR 2	012			ı
	Y	V C	T Y	E L	A L	O N C O T V	D E C	J A N	F E B	M A R	A P R	M A Y	N O L	J U	A U G	S E P	O C T	N O V	DEC	J A N	F E B	M A R	A P R	M A Y	ZCC	J U L	A U G	S E P	B A L
LANDBASE MEPP 60KVA, TBD	08	N	5	0	5						5																		0
LANDBASE MEPP 60KVA, TBD	11	N	101	0	101	Α								10	10	10	10	10	10	10	10	10	11						0
LANDBASE MEPP 60KVA, TBD	12	N	120	0	120													Α						12	12	12	12	12	60
																													F
Remarks:																													

Exhibit P-21, Budget Production Schedule (Exhibit P-21, page 19 of 39)

BUDGET PRODUCTION SCHE	DULE.	P-21															DATE					Fe	bru	ıary	20	10			
APPROPRIATION/BUDGET AC	TIVIT	/									'	Wea	pon	Sys	stem		P-1	ITE	ΜN	OMI	ENC	LAT	URE	= *					
AIRCRAFT PROCUREMENT, NAV	Y /BA-7	AIRC	RAFT	EQUIF	MENT																ME	PP	60k	(VA	0	<u> 705</u>	00		
	1					Р	rodu	ction	Rate						cure														
Item		Man Name	ufactu and I		n	MSF	R F	CON	M	ΔX		T Pr Oct			T Af Oct			nitia g Pl			eord fg Pl		-	Tota	ı		Uni Mea		ř
LANDBASE MEPP 60KVA		TBD	ana E	ocano		5	12		20				•		2			8			9	-		10	•		EAC		_
																													—
																													_
		1			1				FISC	CAL Y	EAR 2	2013									FISC	AL Y	EAR 2	2014				<u> </u>	_
ITEM / MANUFACTURER	F	s	D	В	20	12		1100	J/\L 1			NDAR	YEAF	R 201	3					1100		LEND		EAR 2	014				
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LANDBASE MEPP 60KVA, TBD	12	N	120	60	60		12 12		12	IX	IX	'	IN	_	G	'	'	V	Ü	IN	Ь	IX	IX.	'	14	_	G	_	0
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Exhibit P-21, Budget Production Schedule (Exhibit P-21, page 20 of 39)

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Exhibit P-21, Budget Production Schedule (Exhibit P-21, page 21 of 39)

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Exhibit P-21, Budget Production Schedule (Exhibit P-21, page 22 of 39)

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Exhibit P-21, Budget Production Schedule (Exhibit P-21, page 24 of 39)

CLASSIFICATION: UNCLASSIFIED

		BU	JDGET ITE	M JUSTIFI			DATE:						
				P-40						F	ebruary 20	10	
APPROPRIATION/BUD	GET ACTIVI	TY						P-1 ITEM NO	OMENCLATU	RE	-		
AIRCRAFT PROCU	REMENT	, NAV	Y /BA-7 All	RCRAFT E	QUIPMENT	TIES		070500 C	OMMON G	ROUND EC	UIPMENT		
								ICP/HEADQ	UARTERS MA	ANAGED SUI	PPORT EQUI	PMENT	
Program Element for Co	de B Items:							Other Relate	d Program El	ements			
	Prior Years	ID Code	FY 2009	FY 2010	Base FY 2011	OCO FY 2011	Total FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Complete	Total
Quantity													
Cost (\$M)		Α	25.568	23.069	22.864		22.864	23.573	25.676	26.424	26.366	Continued	Continued

General Program Description

This budget sub-line funds the procurement of end items of Peculiar Support Equipment (PSE) for out-of-production weapon systems, and Common Support Equipment (CSE) under the budget, procurement, and inventory control of the Naval Inventory Control Point (NAVICP). PSE and CSE end items are normally introduced into the fleet through NAVAIR development and initial procurement. When design is stabilized and procurement packages are available, these items then migrate to NAVICP management, and are funded under this sub-line. NAVICP currently manages over 11,000 individual repairable SE end items. This subline also funds initial outfitting of new construction ships.

This sub-line also provides for the replacement of certain in-use PSE that are now marginally effective, due to obsolescence, or to the unavailability of associated logistics support. As a consequence, a logistically supportable replacement item must be designed and produced. This budget sub-line provides replacement of PSE support for out-of-production aircraft requirements only.

In addition, this sub-line provides for the completion of the design and production of: (1) certain PSE items that were not funded during the production phase of the weapon system, and (2) modifications to out-of-production aircraft PSE to extend its useful service life.

DD Form 2454, JUN 86 P-1 Line No. 60

UNCLASSIFIED

	COST ANALYSI P-5	S			Weapon Sys	tem				DATE: Februar	y 2010	
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 AIRCR	AFT E	QUIPMENT A	AND FACI		ID Code A	070500 CO	MMON GR	JRE/SUBHEA OUND EQU MANAGED	IPMENT		ENT
			TOTAL COST IN	THOUSANDS	OF DOLLAR	S	110111111111					
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010			FY 2011	
			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				1,600			1,700			1,700
70600	Additional PSE for initial outfitting of sites due to baseloading changes for out-of-production weapon systems and subsystems.	A				4,929			9,070			8,331
70600	New SE required for replacement of existing SE due to obsolesence and attrition.	А				15,732			8,745			9,279
76830	Production Engineering Support					3,307			3,554			3,554
						25,568			23,069			22,864

Exhibit P-5, Cost Analysis (Exhibit P-5, page 26 of 39)

		BU	JDGET ITE	M JUSTIFIC	CATION SHE	ET			DATE:				
				P-40						Fe	bruary 20	10	
APPROPRIATION/BUDG	SET ACTIVI	TY						P-1 ITEM NO	MENCLATUR	RE			
AIRCRAFT PROCUI	REMENT	, NAV	Y /BA-7 AIF	RCRAFT E	QUIPMENT A	AND FACILIT	ΓIES		070500 COM	MON GROU	ND EQUIPME	:NT	
								CONSOLIDA	TED AUTOM	ATED SUPPO	ORT SYSTEM	1 - 47C2	
Program Element for Coo	de B Items:							Other Related	d Program Ele	ements			
	Prior	ID			Base	OCO	Total					To	
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total
Quantity													
Cost (\$M)			81.537	59.491	52.909	•	52.909	76.499	97.561	99.248	100.966	Continued	Continued

Program Coverage: The Consolidated Automated Support System (CASS) program is chartered to replace the Navy's inventory of 30+ different types of computer-based Automatic Test Equipment (ATE) with a single modern, cost effective COTS/NDI-based ATE system, and has been designated as the Navy's Standard Family of ATE. There are five configurations of CASS which support the entire spectrum of electronics testing requirements from direct current to light: Hybrid [tests digital and analog], Radio Frequency (RF) [tests radars and electronic warfare systems], Communications Navigation IFF (CNI), Electro-Optics (EO3) [tests FLIRs and LASERs] and Reconfigurable Transportable (RTCASS) [a man-transportable version of RF CASS]. CASS supports intermediate and depot level repair of aircraft, ship, submarine and other weapon system electronics. CASS performs fault detection and diagnostic testing of almost 3,000 different "black boxes" and associated circuit cards from F/A-18A/B/C/D/E/F, T-45, AV-8B, EA-6B, H-13, E-2, C-2, and V-22 as well as several NAVSEA/SPAWAR weapon systems. Electronic CASS (eCASS), designated an ACAT IVM program, is the next generation ATE system and will replace CASS Hybrid and RF configurations beginning in 2016.

Justification: CASS replaces older, legacy ATE systems that have become obsolete (parts are no longer available) and too expensive to maintain. CASS reduces afloat CV/CVN ATE manning from 104 to 54 billets and reduces the size of the AVCAL (spare parts) from 30,000 to 3,500. CASS also reduces technician Naval Enlisted Classifications (NECs) types, along with their training courses, from 32 to only 5. Each CV will deploy with 18 - 20 CASS stations and each LHD/LHA will deploy with 2 stations. CASS is utilized at Aircraft Intermediate Maintenance Departments (AIMDs) afloat and ashore, at USMC Marine Aviation Logistics Squadrons (MALS), and at Navy Fleet Readiness Centers (FRCs). RTCASS supports USMC V-22 and fixed wing aircraft.

Current and budget year requirements are needed for CASS support of new and transitioning weapon systems. New Requirements: F/A-18E/F/G (multiple), MIDS (multiple), V-22, ATFLIR (F/A-18), MH-60R/S (multiple systems), UH-1Y and AH-1Z, EGI (multiple aircraft). Transitioning Legacy Testers: 30 legacy automatic testers that support Navy and USMC tactical air aircraft.

In addition to production costs for RTCASS and eCASS, program costs include: (1) incorporation of Class I ECPs to permit systematic insertion of new technology to meet requirements of new weapon system avionics such as inertial navigation capabilities, (2) incorporation of test technologies required to offload Test Program Sets (TPSs) from legacy ATE, (3) efforts to ameliorate obsolescence and improve system 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.

FY09 provides funding to procure (21) Reconfigurable Transportable (RTCASS).

FY10 provides funding to procure (14) Reconfigurable Transportable (RTCASS).

FY11 provides funding to procure (15) Reconfigurable Transportable (RTCASS).

Exhibit P-40, Budget Item Justification (Exhibit P-40, page 27 of 39)

	COST ANALY P-5	SIS			Weapon Sys	tem				DATE: Februar	y 2010	
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 AIR	CRAFT	EQUIPMENT	AND FAC		ID Code	070500 C	OMMON G	JRE/SUBHEA Bround E Tomated S	QUIPMEN		47C2
			TOTAL COST IN T	HOUSANDS	OF DOLLAR	S						
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010			FY 2011	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
70100	RECONFIGURABLE TRANS (RT) CASS	А	169,886	21	1,514	31,794	14	1,549	21,686	15	1,549	23,235
70100	ENGINEERING CHANGE PROPOSALS (ECP'S)		23,877			16,591			9,652			7,087
71800	INTEGRATED LOGISTICS SUPPORT (ILS)		14,348			7,099			4,599			4,999
71830	PRODUCTION ENGINEERING SUPPORT (PE)		27,234			16,646	3		14,722			11,561
71900	NON FMP INSTALLATIONS		6,794			4,412	2		5,640			4,412
71910	FMP INSTALLATIONS		6,335			4,995	5		3,192			1,615
70700	eCASS	В										
70700	ENGINEERING CHANGE PROPOSALS (ECP'S)											
77800	INTEGRATED LOGISTICS SUPPORT (ILS)											
77830	PRODUCTION ENGINEERING SUPPORT (PE)											
77900	NON FMP INSTALLATIONS											
77910	FMP INSTALLATIONS											
			248,474			81,537	,		59.491			52,909

DGET PROCUREMENT HISTORY	Y AND PLA	ANNING E	XHIBIT (P-5A)			Weapon System	A. DATE		
					•		F	ebruary 2	2010
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RAFT PROCUREMENT, NAVY /BA	-/ AIRCRA	FIEQUIPM	IENT AND FACILIT	IE5		DLIDATED AUTOMATED SUPPORT SYSTEM		47C2	
					CONTRACT		DATE OF	TECH DATA	DATE
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AWARD DATE	FIRST DELIVERY	AVAILABLE NOW ?	REVISIO AVAILAE
TRAN (RT) CASS									
2007 LOT 5	18	1468.000	NAVAIR	N/A	C-FFP	BOEING COMPANY 07/2007	10/2008	YES	
2008 LOT 6	21	1478.000	NAVAIR	N/A	C-FFP	BOEING COMPANY 06/2008	10/2009	YES	
2009 LOT 7	21	1514.000	NAWCAD (LKE)	N/A	C-FFP	BOEING COMPANY 05/2009	10/2010	YES	
2010 LOT 8	14	1549.000	NAWCAD (LKE)	10/2009	SS-FFP	BOEING COMPANY 04/2010	10/2011	YES	
2011 LOT 9	15	1549.000	NAWCAD (LKE)	N/A	SS-FFP	BOEING COMPANY 04/2011	10/2012	YES	
2012 LOT 10	9	1549.000	NAWCAD (LKE)	N/A	SS-FFP	BOEING COMPANY 04/2012	10/2013	YES	

BUDGET PRODUCTION SCHEDULE, F	P-21																	DATE								<i>,</i> 20	10			
APPROPRIATION/BUDGET ACTIVITY													Wea	apon	Sys	stem		P-1 I	TEI	M N	OMI	ENC	CLAT	URI						
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RT CASS LOT 6, Boeing Co.	08	N	21	0	21													2	2	1	2	2	1	2	2	1	2	2	2	(
RT CASS LOT 7, Boeing Co.	09	N	21	0	21								Α																	2
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RT CASS LOT 9, Boeing Co.	12	N	9	0	9	1						А												Α						9
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Exhibit P-21, Budget Production Schedule (Exhibit P-21, page 30 of 39)

BUDGET PRODUCTION SCHEDULE, P	P-21																	DATE						Feb	orua	iry 2	201	0		
APPROPRIATION/BUDGET ACTIVITY													Wea	apor	n Sy:	stem		P-1	ITE	ΜN	OM	ENC	CLA	TUR	E					
AIRCRAFT PROCUREMENT, NAVY /BA-7 A	AIRCRAFT E	QUIPI	MENT	AND F	ACILI	TIES	3											RT (CAS	S 07	7050	0								
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ITEM / MANUFACTURER	F	s	Q	D	В		2012							DAR Y	EAR	2013							CA	LENI	DAR Y	EAR 2	014			1
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RT CASS LOT 9, Boeing Co.	11	N	15	0	15	1		1	1	1	2	1	1	2		1	2	•	•	_	-		- 11	- ' '		.,				(
RT CASS LOT 10, Boeing Co.	12	N	9	0	9	Ė					_			_				1	1	1	1	1	2	1	1					(
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				P-40						Fe	ebru	
APPROPRIATION/BUD	GET ACTIVI	TY						P-1 ITEM NO	DMENCLATU	RE		
AIRCRAFT PROCU	REMENT,	NAV	/ /BA-7 AIF	RCRAFT E	QUIPMENT	AND FAC	ILITIES	070500 COM	MON GROU	ND EQUIPME	NT/ľ	
Program Element for Co	de B Items:							Other Relate	d Program El	ements		
0206139M												
	Prior	ID			Base	oco	Total					
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	F١	
Quantity												
Cost (\$M)	53.121	Α	11.758	6.754	6.863		6.863	6.968	7.096	7.220	7	

Program Description: Mobile Facilities (MFs) budgeted in this sub-line consist of basic equipment: '8X8'X20' shelters, as well as initial outfitting of shelters currently in inventory, Modular Rigid Wall Shelters, Environmental Control Units, and Mobile Tactical Quiet Generators. Also 60/400HZ Frequency Converters, Power Distribution Boxes, Resistive Load Banks, power cables, stacking blocks, scaffolds, lashes, buckles, complexing/decomplexing tools 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 Corp with a quick response stand-alone capability to meet worldwide operational commitments. Economically, the MFs eliminate the need for "brick & mortar" construction, and allows for world wide transportability.

Justification: This sub-line will meet the ultimate goal of housing all Marine Corps Aviation and Air Traffic Control intermediate-level logistics support in MFs in accordance with the Table of Basic Allowance for Fleet Marine Forces Aviation Units and fulfill specific Navy Aviation mobile logistics requirements as outlined in individual Weapon System Planning Documents (WSPDs).

Note: Within the FY2009 \$11.758M, \$58K is for the DAWDF realignment.

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CLASSIFICATION: UNCLASSIFIED

UNCLASSIFIED

	COST ANAL P-5	YSIS			Weapon Syst	em				
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 A	AIRCRA	FT EQUIPME	NT AND F		ID Code			IRE/SUBHEA EQUIPMENT/	
			TOTAL COST IN T	HOUSANDS	OF DOLLARS	3	<u> </u>			
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
70500 70500 70500 70500 70500 70500 75830 75900	Complex Decomplex Tool Environmental Control Units Frequency Converters Mobile Facility Vans Tactical Quiet Generator Publications Production Engineering Support Non-FMP Installations	A A A A	702 2,164 520 14,942 21,878 893 5,826 6,196	56 27 82	3.054 52.259 80.427	171 1,411 6,595 40 2,220 1,263	16 101 10 49	14.438 3.297 47.800 53.327	231 333 478 2,613 50 1,028 2,021	
			53,121	-		11,758			6,754	

Totals may not add due to rounding

Exhibit P-5, Cost Analysis (Exhibit P-5, page 33 of 39)

UNCLASSIFIED

BUDGET PROCURE	MENT HISTO	ORY AND I	PLANNING EXHIBIT (P	-5A)		Weapon System		A
B. APPROPRIATION/BUDGE AIRCRAFT PROCUREN		/BA-7 AIRC	RAFT EQUIPMENT AND I	FACILITIES		L MENCLATURE IMON GROUND EQUIPMENT Denance Facilities		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	
Environmental Cntrl Unit								
FY-09	56	3.054	NAWCADLKE	07/05	C/FFP	Env. Sys. Jacksonville, FL	11/09	
FY-10	101	3.297	NAWCADLKE	07/05	C/FFP	Env. Sys. Jacksonville, FL	11/09	
FY-11	101	3.584	NAWCADLKE	07/05	C/FFP	Env. Sys. Jacksonville, FL	11/09	
Frequency Converters								
FY-10	10	47.800	NAWCADLKE	04/05	C/FFP	Unitron, Dallas, TX	11/09	
Mobile Facility Vans								
FY-09	27	52.259	NAWCADLKE	03/06	C/FFP	Gichner Shelter, Dallastown, PA	11/08	
FY-10	49	53.327	NAWCADLKE	03/06	C/FFP	Gichner Shelter, Dallastown, PA	11/09	
FY-11	47	62.860	NAWCADLKE	03/06	C/FFP	Gichner Shelter, Dallastown, PA	11/10	
Tactical Quiet Generator								
FY-08	84	71.845	CECOM Monmouth, NJ	07/99	SS/FFP	Engineered Elec Co. Fermont Bridgeport, CT	02/08	
FY-09	82	80.427	CECOM Monmouth, NJ	07/99	SS/FFP	Engineered Elec Co. Fermont Bridgeport, CT	11/08	

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.

Totals may not add due to rounding

BUDGET PRODUCTION SCH	EDULE	P-21																DATE					Fe	bru	uary	y 20	10			
APPROPRIATION/BUDGET A													Wea	pon	Sys	tem		P-1	ITEM	1 N	OME	ENC	LAT	UR	E					
AIRCRAFT PROCUREMENT, NA	VY /BA-7	AIRC	RAFT	EQUIP	MENT	Γ ANI	D FA	CILI	TIES	;									mon (und	Equi	pme	nt -	Mobi	le Fa	ciliti	es (4	7C2)
							Pro	duct	ion I	Rate	:								adtim	es										
			nufactu										T Pı			T Af			nitial			eord							nit of	
Item			and L				SR		ON			to	Oct	1	(Oct 1		Mf	g PL	Τ	Mf	g Pl	_T		Tota	al		Mea		е
Tactical Quiet Generator	Ferm	ont, B	ridgep	ort, C	T	20	00	35	50	44	10					9						2			11			Ead	ch	
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		С	Y	L	L	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	J U L	A U G	E P	C T	0	E C	A N	F E B	A R	P R	A Y	U N	T N	A U G	E P	Ιí
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		BU	JDGET ITE	M JUSTIFIC	ATION SHE	ET			DATE:			
				P-40						F	ebru	
APPROPRIATION/BUDG	SET ACTIVI	TY						P-1 ITEM NO	MENCLATURE			
AIRCRAFT PROCUREM	IENT, NAV	/ /BA-7	AIRCRAFT E	QUIPMENT A	ND FACILITIES	3		070500 COM	MON GROUND	EQUIPMENT		
Program Element for Coo	de B Items:							Other Related	Program Elem	nents		
	Prior Years	ID Code	FY 2009	FY 2010	Base FY 2011	OCO FY 2011	Total FY 2011	FY 2012	FY 2013	FY 2014	FY	
Quantity												
Cost (\$M)		Α	190,231	149,622	120,143		120,143	111,509	114,288	111,907	11	

Common Ground Equipment - Training provides aircrew and aviation maintenance training systems in two categories:

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.

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 selectronic 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. Topscene funds are for pre-planned product improvements to TOPSCENE Mission Rehearsal Operational Training system software. Activities include integration of capabilities, systems engineering, quality assurance, production acceptance test and evaluation (post milestone 3), development and delivery of training program, and fleet training.

Modification/Modernization of Trainers provides for acquisition and updates for training systems supporting out-of-production aircraft.

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 support for 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 Training Simulator (FAST) Plan provides for training system procurements and major upgrades to address Fleet (post-FRS) training requirements. Beginning in FY11, this effort will transition to the Navy Aviation Simulation Master Plan (NASMP) to achieve an increase in Fleet Training and Readiness through enhanced training system fidelity and interoperability for distributed mission training. 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

Exhibit P-40, Budget Item Justification (Exhibit P-40, page 36 of 39)

	COST ANALYSI P-5	S			Weapon Sys	tem			
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 AIRCR	AFT E	EQUIPMENT A	AND FACIL	ITIES	ID Code A	P-1 ITEM NO 070500 CO TRAININO	MMON GR	
			TOTAL COST IN	THOUSANDS	OF DOLLARS	6			
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
	GENERAL TRAINING EQUIPMENT 1. A School Classroom Trainers/Training Devices 2. Aircrew Combat Training System (ACTS) 3. Air Traffic Control (ATC) 4. Aviation Phys & Water Survival Trainers 5. Maintenance Computer Based Training 6. Mission Rehearsal Pre-Planned Product Improvement (PPPI)/Support (Topscene) 7. Mobile Aircraft Firefighting Training Device (MAFTD) 8. Other General Training Equipment Costs			3	686	9,450 1,082 3,774 12,791 877 2,058 3,587	2	767.500	9,70 80 95 3,51 8,16 1,1! 1,53 2,79
	DAWDF Realignment					33,623			28,66

	COST ANALYSI P-5	S			Weapon Sys	tem			
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 AIRCR	AFT E	QUIPMENT A	AND FACII	LITIES	ID Code A	P-1 ITEM NO 070500 CC TRAININ	MMON GR	
			TOTAL COST IN	THOUSANDS	OF DOLLARS	S	1		
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
	9. CNATRA Trainer Support 10. Direct Support Readiness Training 11. E-6 Trainers/Support 12. EA-6B Trainers/Support 13. EP-3 Trainer Upgrade/Support 14. F/A-18 Trainers/Support 15. Fleet Aircrew Simulator Training (FAST) 16. Navy Aviation Simulation Master Plan 17. P-3 Trainers/Support 18. T-45 Simulator Upgrade 19. Undergraduate Military Flight Officer (UMFO) Training 20. USMC Federation Simulators 21. E-2/C-2 22. MH-53E 23. Other Modif/Modern of Trainer Costs					2,903 3,200 208 157 664 5,771 51,922 2,835 7,456 37,100 41,129 0 0 3,263			1,88 2,79 37 4,43 46 6,40 43,98 2,11 7,29 8,41 41,07
			(1	1	190,231		†	149,6

SUDGET PROCURE	MENT HISTO	DRY AND PL	ANNING EXHIBIT	Г (Р-5А)		Weapon System		A.
	PPROPRIATION/BUDGET ACTIVITY CRAFT PROCUREMENT, NAVY /BA-7 AIRCRAFT EQUIPMENT AND Cost Element/			ND FACILITIES	C. P-1 ITEM NON 070500 COM	L IENCLATURE IMON GROUND EQUIPMEN	IT TRAIN	IN
	QUANTITY	COST		RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	 C
lobile Aircraft Firefighti	ng Training Dev	ice (MAFTD)						
FY2009	3	686.000	NAWCTSD	N/A	SS/Option	KIDDE FIRE TRAINERS, INC MONTVALE NJ	12/08	
FY2010	2	767.500	NAWCTSD	N/A	SS/Option	KIDDE FIRE TRAINERS, INC MONTVALE NJ	12/09	

		BUD	GET ITEM	JUSTIFICA	TION SHE	ET			DATE:				
										F	ebruary 20	10	
APPROPRIATION/BUDG	GET ACTIVI	TY						P-1 ITEM NO	MENCLATU	RE			
AIRCRAFT PROCU	AFT PROCUREMENT, NAVY /BA-7 AIRCRAFT EQUIPMENT AND							0715, Airc	raft Indust	rial Faciliti	es		
Program Element for Co	de B Items:							Other Relate	d Program El	ements			
N/A								0204161N	& 0204164	IN			
	Prior	ID			Base	OCO	Total					То	
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total
Quantity													
Cost (\$M)	922.599	Α	11.035	11.041	17.998		17.998	21.435	23.779	27.935	25.881	Cont	Cont

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

Calibration Equipment Description:

Calibration Equipment funds are used to procure Calibration Standards (CALSTDs) and ancillary equipment for Aviation Fleet Intermediate Calibration Activities, Fleet Training Activities, Aviation Navy Calibration Laboratories (NCLs), and the Navy Primary Standards Laboratory (NPSL). CALSTDs procured for Fleet Intermediate ('I') level use are to replace obsolete and/or irreparable equipment, expand technical measurement capabilities to decrease Depot support costs, reduce out-of-service turn around times, provide enhanced forward deployed geographic support and reduce/control the NAVAIR cost of ownership associated with Calibration. Fleet 'I' level calibration activities support 70% of the total Fleet calibration workload. Maintenance of Fleet calibration capability through this funding results in the release of more expensive Depot level support man-hours for more complex calibration maintenance and calibrations where economy of scale costs dictate single site or geographic calibration center capability. CALSTDs procured for NCLs and the NPSL allow for the automation and improvement of calibration procedures in order to reduce Fleet asset out-of-service and Turn around Time, expand technical calibration capabilities for enhanced in-theater Fleet support, and replace obsolete and high support cost CALSTDs.

Contractor Facilities Description:

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

Note: This BLI includes \$.054 million for the Defense Acquistion Workforce Development Fund (DAWDF) in FY 09.

CALIBRATION EQUIPMENT 10.107 10.064 CONTRACTOR FACILITIES .928 .977	Base OCO FY 2011 FY 2011 17.007 .991 17.998	Total <u>FY 2011</u> 17.007 <u>.991</u> 17.998	FY 2012 20.425 1.010 21.435	FY 2013 22.753 1.026 23.779	FY 2014 26.891 <u>1.044</u> 27.935	FY 2015 24.819 1.062 25.881	To Complete Cont Cont Cont
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DD Form 2454, JUN 86 P-1 Line No. 61

CLASSIFICATION: UNCLASSIFIED

UNCLASSIFIED

	COST ANAL P-5	YSIS			Weapon Sys	tem				DATE: Februar	y 2010	
1	APPROPRIATION/BUDGET ACTIVITY AIRCRAFT EQUIPMENT AND FACILITIES AIRCRAFT PROCUREMENT, NAVY /BA-7 AIRCRAFT EQUIPMENT AND FACILITIES	ID Code A			RE/SUBHEAD)						
			TOTAL COST IN T	HOUSANDS	OF DOLLARS	<u> </u>						
COST	ELEMENT OF COST	l l						FY 2010			FY 2011	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
73100 73100 73100 73100 73100 73100 73100	Low Frequency AC/DC CALSTDs (Base) Other CALSTDs Procurement (Base) Physical Dimen / Optical CALSTDs (Base)** RF/ Microwave CALSTDs (Base) Res / Impedance CALSTDs (Base) Logistics / Engineering Support (Base) Production / Acquisition (Base)	A A A A A	89,964 9,913 107,298 86,319 37,180 33,065 68,030	138 143 147 26	13.609 10.517 23.374 18.962	288 1,878 1,504 3,436 493 319 1,136 1,004 923	98 126 80 104	2.400 13.932 9.745 25.762 17.925 2.712	228 1,644 955 3,246 1,434 282 1,197 1,078 977	68 141 261 235 144 108	2.485 15.822 9.015 24.919 21.931 2.389	169 2,231 2,353 5,856 3,158 258 1,698 1,284 991
	DAWDF Realignment					54						
			922,599			11,035			11,041			17,998

^{*} Each Cost Element with a Quantity represents a number of different end items. The Unit Cost is an average cost for all the end items in the Cost Element.

Exhibit P-5, Budget Item Justification (Exhibit P-5, page 2 of 4)

BUDGET PROCUREN	MENT HISTO	ORY AND I	PLANNING EXHIB	IT (P-5A)		Weapon System		A. DATE		
				, ,				F	ebruary 2	010
B. APPROPRIATION/BUDGET	### PROPRIATION/BUDGET ACTIVITY RAFT PROCUREMENT, NAVY /BA-7 AIRCRAFT EQUIPMENT AND FACILITIE Cost Element/ FISCAL YEAR		C. P-1 ITEM NON	MENCLATURE			SUBHEAD			
AIRCRAFT PROCUREM	CRAFT PROCUREMENT, NAVY /BA-7 AIRCRAFT EQUIPMENT AND FACIL Cost Element/ FISCAL YEAR			AND FACILITIES	071500, Ai	ircraft Industrial Fa	cilities		47	C4
	QUANTITY	COST*		RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
Automated / Interface CALSTDs		(000)								
FY09				Various	C/FP	Various	Mult	Mult	Yes	N/A
FY10			•		C/FP	Various	Mult	Mult	Yes	N/A
FY11	68	2.49	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
Low Frequency AC/DC CALSTDs										
FY09	138	13.61	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
FY10	118	13.93	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
FY11	141	15.82	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
Other CALSTDs										
Procurement										
FY09	143	10.52	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
FY10	98	9.75	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
FY11	261	9.02	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
Physical Dimen / Optical CALSTDs										
FY09	147	23.37	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
FY10	126	25.76	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
FY11	235	24.92	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
RF/ Microwave CALSTDs										
FY09	26	18.96	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
FY10	80	17.93	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A
FY11	144	21.93	Multiple	Various	C/FP	Various	Mult	Mult	Yes	N/A

D. REMARKS

^{*} Each Cost Element represents a number of different end items. The Unit Cost is an average cost for all the end items in the Cost Element.

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BUDGET PROCURE	MENT HISTO	ORY AND P	LANNING EXHIB	T (P-5A)		Weapon System		A. DATE		
							F	ebruary 2	010	
B. APPROPRIATION/BUDG	DIV/BUDGET ACTIVITY DCUREMENT, NAVY /BA-7 AIRCRAFT EQUIPMENT AND FACTOR OF PCO 187 1.71 Multiple 104 2.71 Multiple		C. P-1 ITEM NOM				SUBHEAD			
AIRCRAFT PROCURE	MENT, NAVY	/BA-7 AIRCF	RAFT EQUIPMENT	AND FACILITIES	071500, Ai	rcraft Industrial Fa	acilities		47	C4
Cost Element/ FISCAL YEAR	QUANTITY	COST*		RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
Res / Impedance CALSTDs										
FY09 FY10 FY11	PRIATION/BUDGET ACTIVITY TT PROCUREMENT, NAVY /BA-7 AIRCRAFT EQUIPMENT AND FACT St Element/ (CAL YEAR QUANTITY UNIT COST* (000) dance 187 1.71 Multiple 104 2.71 Multiple	Various Various Various	C/FP C/FP C/FP	Various Various Various	Mult Mult Mult	Mult Mult Mult	Yes Yes Yes	N/A N/A N/A		

D. REMARKS

^{*} Each Cost Element represents a number of different end items. The Unit Cost is an average cost for all the end items in the Cost Element.

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	BUE	OGET	ITEM JUS	TIFICATIO	N SHEET			DATE:					
			P-4	40						Fe	ebruary 20	10	
APPROPRIATION/BUDGET ACTI	VITY							P-1 ITEM NO	MENCLATU	RE			
AIRCRAFT PROCUREMEN	T, NAVY /I	BA-7 /	AIRCRAFT	EQUIPME	NT AND F			07200	0 War Con	sumables	(J7C5)		
Program Element for Code B Items	3:						Other Related F	rogram Element	s - RDT&E: 0205	633N, Project 31	189, Digital I-TER		
0204164N/0204161N								Project 3190, M	ulti-Purpose Borr	nb Racks			
	Prior	ID			Base	OCO	Total					То	
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total
Quantity													
Cost (\$M)	608.792		62.072	55.235	25.248		25.248	27.955	39.450	41.910	36.638	CONT	CONT

DESCRIPTION:

The WAR CONSUMABLES P-1 line item has two subcategories: Common Aircraft Ancillary Equipment (AAE) and Aerial Refueling Stores (ARS). The Common AAE program procures 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.

COMMON AIRCRAFT ANCILLARY EQUIPMENT (AAE)

As directed by OPNAVINST 8000.16B (Naval Ordnance Maintenance Management Program (NOMMP), the appropriation provides for procurement of new AAE to replace attrition losses, provides for production engineering support, and satisfies commonality policy goals set forth by the Navy's Strike Warfare Master Plan. Specifically, the following equipment is procured in AAE:

- Bomb Rack Upgrades to include reliability improvements.
- Launcher Upgrade to include modifications of LAU-115C/A, LAU-115D/A, LAU-127, LAU-7 and associated equipment.
- Procurement of new LAU-7 hardware for Navy and Marine Corps tactical aircraft.
- Pure Air Generating System (PAGS)MPACT/High Pressure Pure Air Generators (HIPPAG) are an on-board coolant generator for infrared (IR) seeking missiles.
- Common Interface Assembly provides electrical connectivity and a conduit for nitrogen flow between the new design PAGS unit and the LAU-7 missile launcher.
- Replacement External Fuel Tanks for F/A-18 (variants), required to meet the Fleet Response plan and replace original equipment due to fatigue issues.
- External Fuel Tank Support Equipment
- 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 & Evaluation (IOT&E) 1Q10 thru 2Q10

AERIAL REFUELING STORES (ARS)

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.

FY10 provides funding to procure Bomb Rack Upgrade, Launcher Upgrades, LAU-7, Common Interface Assembly, PAGS MPACT, External Fuel Tanks, Aerial Refueling Stores and associated support. FY11 provides funding to procure Bomb Rack Upgrade, Launcher Upgrades, External Fuel Tanks, Aerial Refueling Stores and associated support.

Notes: DAWDF Realignment for FY09 added to P-5.

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	P-5 TION/BUDGET ACTIVITY PROCUREMENT NAVY/BA-7 AIRCRAFT E ELEMENT OF COST MMON AAE b Rack Mod Kits & Install (Note 1) neher Upgrade & Installation -7 e Air Generating System MPACT Press. Pure Air Gen. HiPPAG mon Interface Assy (Note 2) c and Launcher Test Set rnal Fuel Tanks (Note 3) rnal Fuel Tank Support Equipment I-55 i-Purpose Bombs Racks al I-TER duct Improvement luct Engineering bus (Note 4) TOTAL COMMON AAE al Refueling Stores rnal Fuel Tanks (Note 3) al Refueling Stores duction Support ous (Note 4)	YSIS			Weapon Syst	em				DATE: Februar	y 2010	
APPROP	RIATION/BUDGET ACTIVITY						ID Code	P-1 ITEM N	OMENCLATU	RE/SUBHE	AD	
AIRCRAI	FT PROCUREMENT NAVY/BA-7 AIRCRAFT	EQUIPMI	ENT AND FACILI	TIES				072000	War C	onsumal	oles (J7C	5)
			TOTAL COST IN TH	HOUSANDS (OF DOLLARS							
0007	ELEMENT OF COOT		D :		F\/ 0000		1	EV 0040			EV 0044	
1	ELEMENT OF COST				FY 2009			FY 2010			FY 2011	
CODL		Code		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
				-,,								
1												
I I	,	Α	,									1,704
		Α										1,360
			·									
								17.367				
			64,612									
			0	484	1.995	966	366	1.995	730			
				201	45 50 4	40.400	074	40.070	40 700			
		A		294	45.794	13,463	274	46.672	12,788			
			10,988									
73600	Multi-Purpose Bombs Racks		0				1.47	E0 240	7 400			
		P	F 010			700		50.340				718
												2,107
												1,940
						2,090			2,403			1,940
73000						52 721			50 240			7,829
	TOTAL COMMISSION		400,201			02,121			00,240			1,020
	P-5											
73500	P-5	45.038	12,340									
	P-5 ROPRIATION/BUDGET ACTIVITY RELEMENT OF COST DE ELEMENT OF COST DI Code COMMON AAE 600 Bomb Rack Mod Kits & Install (Note 1) A 24,223 Total Cost Countity Unit Cost Cost Cost Countity Unit Cost Cost Cost Cost Countity Unit Cost Cost		3,744									
	P-5									1,335		
						.,000			.,20			.,500
	TOTAL AERIAL REFUELING STORES		205,561			9,246			4,995			17,419
	Columns may not add due to rounding											
	DAWDF Realignment											
			608,792			62,072			55,235			25,248

⁽¹⁾ Quantities are not reflected due to procuring different bomb racks for multiple aircraft T/M/S.

Exhibit P-40, Budget Item Justification (Exhibit P-40, Page 2 of 5)

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CLASSIFICATION: UNCLASSIFIED

⁽²⁾ FY09 and FY10 Common Interface Assy unit cost represents actual contract option pricing.

⁽³⁾ The FY10 External Fuel Tank unit cost and quantity was adjusted to reflect contract pricing.

⁽⁴⁾ The amount identified against this cost element reflects total prior year funding associated with equipment no longer procured.

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BUDGET PROCUREMENT HISTOR'	Y AND PLA	NNING EX	(HIBIT (P-5A)			Weapon System		A. DATE	ebruary 2	010
3. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOI	MENCLATURE			SUBHEAD	
AIRCRAFT PROCUREMENT NAVY/	BA-7 AIRC	RAFT EQI	JIPMENT AND FAC	CILITIES	072000	War Consumables			J7C5	
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
LAU-7		` ′								
FY-07 FY-08 FY-09 FY-10	194 568 464 366	31.324 29.408 30.437 31.502	NAVAIR NAVAIR NAVAIR NAVAIR	Option Jul-07 Option Option	C/FP C/FP C/FP	Marvin Eng. Englewood, CA Marvin Eng. Englewood, CA Marvin Eng. Englewood, CA Marvin Eng. Englewood, CA	Aug-07 Aug-08 Mar-09 Mar-10	Oct-09 Feb-10 Dec-10 Sep-11	Yes Yes Yes Yes	
Pure Air Generator Systems (Common AAE)				·						
FY-08 FY-09 FY-10	333 464 366	17.127 17.127 17.367	NAVAIR NAVAIR NAVAIR	Option Option Option	C/FP C/FP C/FP	Marrotta Montville,NJ Marrotta Montville,NJ Marrotta Montville,NJ	Feb-09 Aug-09 Mar-10	Aug-09 Apr-10 Feb-11	Yes Yes Yes	
High Press. Pure Air Gen.										
FY-08 FY-09	235 150	29.623 29.706	NAVAIR NAVAIR	Option Option	SS/FP SS/FP	Ultra Electronics, England Ultra Electronics, England	Jun-08 Mar-09	Mar-09 Nov-09	Yes Yes	
Common Interface Assy										
FY-08 FY-09 FY-10	568 484 366	1.991 1.995 1.995	NAVAIR NAVAIR NAVAIR	Option Option Option	SS/FP SS/FP SS/FP	Ultra Electronics, England Ultra Electronics, England Ultra Electronics, England	Jun-08 Mar-09 Jan-10	Feb-09 Feb-10 Dec-10	Yes Yes Yes	
External Fuel Tanks										
FY-08 FY-09 FY-10 FY-11	400 294 274 274	48.051 45.794 46.672 45.038	NAVAIR NAVAIR NAVAIR NAVAIR	Dec-06 Option Option	C/FP C/FP C/FP	Cyclone Industries, Israel Cyclone Industries, Israel Cyclone Industries, Israel	May-09 Sep-09 Jul-10	Feb-10 Feb-11 Oct-11 Jul-12	Yes Yes Yes Yes	
PY-11 <u>Digital ITER</u> FY-10	147	50.340	NAVAIR Lakehurst SBIR	Option Option	SS/FP	Cyclone Industries, Israel ITT, Warminster, PA	Apr-11 May-10	Jul-12 May-11	Yes	

Exhibit P-40, Budget Item Justification (Exhibit P-40, Page 3 of 5)

DD Form 2454, JUN 86 P-1 Line No. 62 CLASSIFICATION: **UNCLASSIFIED**

BUDGET PRODUCTION SCHED		P-21																DATE						bru	-	<i>2</i> 0	10			
APPROPRIATION/BUDGET ACTI AIRCRAFT PROCUREMENT NAV		-7 AIF	RCRA	FT EG	UIPM	IENT .	ANE	FAC	CILI	TIES			Wea	apor	Sys	stem			TE 7 20 0		OM	ENC				ıma	bles	J	7C5	,
							Pro	ductio	on R	Rate					Pro	cure	mer	nt Le	adtir	mes										
		Man	ufactu	ırer's								AL	T Pı	ior	AL	T Af	ter	1	nitia	I	Re	eord	er					Uni	it of	
Item		Name	and L	ocatio	n	MS	R	EC	ON	M	AX	to	Oct	: 1	(Oct 1	1	Mt	fg Pl	_T	Mt	g Pl	LT	-	Tota	I		Mea	sure	Э
LAU-7	Marv	in. Ina	lewoo	d. CA		300		450		600						6			12			18			24		Eac	:h		
Pure Air Generating System			ontville			300		450		650						6			11			11			17		Eac			
High Pressure Pure Air Gen			ctroni		lland	100		300		500						6			5			8			14		Eac			
External Fuel Tanks			dustrie			100		200		400						7			16			15			22		Eac			
Digital ITER			nster.	,	acı	75		147		200						8			12			12			20		Eac			
Digital TIEIX	111,	vvaiiiii	nster,	I /\		73		177				<u> </u>				U			12						_		Eac	Ш		_
										FI	ISCAL											FISC		EAR :						ı
ITEM / MANUFACTURER	F	S	Q	D	В	20	80					(CALEN	IDAR	YEAF	R 2009)						CA	LEND	AR Y	AR 2	2010			_
	Υ	V C	T Y	E L	A	0	Ν	D	J	F	М	Α	M	J	J	Α	S	0	Ν	D	J	F	M	Α	М	J	J	Α	S	В
		C	Y	_	_	C	0	E	A	E	A	Р	A	U	U	U	E P	C T	0	E	A	Е	Α	Р	A	U	U	U	E	Ĺ
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	•	V	С	N	В	R	R	Υ	N	L	G	Р	
LAU-7 Marvin Electronics	07	N	194	0	194													26	50	50	55	13						L		0
LAU-7 Marvin Electronics	08	N	568	0	568																	42	55	55	55	55	55	55	55	141
LAU-7 Marvin Electronics	09	N	464	0	464						Α												^					-		464
LAU-7 Marvin Electronics	10 08	N N	366 333	0	366 333					Α						8	27	47	47	47	47	47	A 47	16				-		0
Pure Air Gen System, Marotta Pure Air Gen System, Marotta	08	N	464	0	464					А						A	21	47	47	47	47	47	47	31	47	47	47	47	47	198
Pure Air Gen System, Marotta	10	N	366	0	366											А							Α	31	47	47	47	41	41	366
High Pressure Pure Air Gen (Ultra)	08	N	235	0	235						47	47	47	47	47								А					 		0
High Pressure Pure Air Gen (Ultra)	09	N	150	0	150						A	47	71	47	47				25	25	25	25	25	25						0
Common Interface Assy (Ultra)	08	N	568	0	568					25	35	47	47	47	47	47	47	48		48	48	34								0
Common Interface Assy (Ultra)	09	N	484	0	484						Α											14	48	48	48	48	48	48	48	134
Common Interface Assy (Ultra)	10	N	366	0	366																Α									366
External Fuel Tank (Cyclone Industries)	08	N	400	0	400								Α									33	33	34	33	33	34	33	33	134
External Fuel Tank (Cyclone Industries)	09	N	294	0	294												Α													294
External Fuel Tanks (Cyclone Industries)	10	N	274	0	274																						Α			274
Digital ITER (ITT)	10	N	147	0	147																				Α					147
										FISCA	L YEA	AR 20)11									FISC	AL Y	EAR :	2012					
ITEM / MANUFACTURER	F	s	Q	D	В	20	10					(CALEN	NDAR	YEAF	R 2011							CA	LEND.	AR YI	EAR 2	012			i
	Υ	V	Т	E	Α	0	N	D	.ı	F	М	Α	М	.l	J	Α	S	0	N	D	J	F	М	Α	М	.J	.J	Α	S	В
		С	Υ	L	L	C	0	E	A	E	A	Р	A	Ü	Ü	Ü	E	C	0	E	A	E	A	P	A	Ü	Ü	Ü	E	A
						Т	V	С	Ν	В	R	R	Υ	Ν	L	G	Р	Т	V	С	Ν	В	R	R	Υ	Ν	L	G	Р	
LAU-7 Marvin Electronics	08	N	568	427	141	55	55	31																						0
LAU-7 Marvin Electronics	09	N	464	0	464			24	55	55	55	55	55	55	55	55														0
LAU-7 Marvin Electronics	10	N	366	0	366												55	55	55	55	55	55	36							0
Pure Air Gen System, Marotta	09	N	464	266	198	47	47	47	47																					0
Pure Air Gen System, Marotta	10	N	366	0	366					37	47	47	47	47	47	47	47													0
Common Interface Assy (Ultra)	09	N	484	350	134	48	48	38			_																	\sqcup		0
Common Interface Assy (Ultra)	10	N	366	0	366			10	48	48	48	48	48	48	48	20												$\vdash \vdash$		0
External Fuel Tank (Cyclone Industries)	08	N	400	266	134	34	33	33	34	00	-			-00	0.4	00	00											$\vdash \vdash$		0
External Fuel Tank (Cyclone Industries)	09	N	294	0	294					33	33	34	33	33	34	33	33	28	20	2.4	20	20	2.4	20	20	2.4	_	$\vdash \vdash \vdash$		0
External Fuel Tanks (Cyclone Industries) External Fuel Tanks (Cyclone Industries)	10 11	N N	274 274	0	274 274							^						5	33	34	33	33	34	33	33	34	31	33	34	0 176
Digital ITER (ITT)	11	N N	147	0	147						-	Α	27	30	30	30	30										31	33	J4	0
	10	11	171	J	177								<i>-1</i>	50	50	50	50													

Exhibit P-40, Budget Item Justification (Exhibit P-40, Page 4 of 5)

ON BUDGET PRODUCTION S	CHED	TY /BA-7 AIRCRAFT EQUIPMENT AND FACILITIES Production Rate											DATE						Feb	rua	ry 2	201	0							
PPROPRIATION/BUDGET ACT IRCRAFT PROCUREMENT NA			IRCR	AFT E	QUIP	MEN	IT AI	ND F	ACI	LITIE	ES		Wea	pon	Sys	stem			ITEN 200 0		ОМЕ	NC		URE ar Co		ıma	bles	J	7C5	 ;
							Pro	ducti	on F	Rate					Pro	curer	ner	t Lea	adtim	es										
Item	١				n	M	SR	1-8	3-5	MA	٩X		T Pr Oct			T Aft Oct 1			nitial g PL	Г		eord ig Pl		-	Tota	ıl			it of asur	
xternal Fuel Tanks	Cyclo	ne In	dustrie	es, Isra	ael	100		200		400						7			16			15			22		Eac	h		
																														_
			I	I	I					FISC	AL YE	AR 2	013									FISC	CAL Y	EAR :	2014					— Т
ITEM / MANUFACTURER	F	S	A-7 AIRCRAFT EQUIPMENT AND FACILITII							C	ALEN	DAR	YEAR	2013							CA	LEND	AR Y	EAR 2	014			1		
	Y	Manufacturer's Name and Location one Industries, Israel S Q D B 20 C T N 274 98 176 33 N 274 98 176 33 N 274 98 176 33 S Q D B 20 C T N 274 98 176 33	0	Е	Α	Е	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	0	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
sternal Fuel Tanks (Cyclone Industries)	11	N	274	98	176	33	33	34	33	33	10																			
																														ŧ
																														L
										FISC	AL YE	AR 2	015																	t
ITEM / MANUFACTURER	F Y	Manufacturer's Name and Location one Industries, Israel MSR 1-8-5 MAX s Q D B V T E A C Y L L L C O E A E T V C Y L L L C Y L L C Y L L C Y L L C C O E A E T V C N B T V C N B T C C O E A E T V C C N B T V C N B T C C C C C C C C C C C C C C C C C C						М	Α	М	J	J	2015 A	S	0		D													
		F S Q D B 2012 FISCAI C Y L L C O E A E T V C N B 11 N 274 98 176 33 33 34 33 33 11 N 274 98 2014 FISCAI F S Q D B 2014 F C Y L L C O E A E					A R	P R	A Y	U N	U L	U G	E P	C T		E C										Ļ				
		Colone Industries, Israel																												
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Exhibit P-40, Budget Item Justification (Exhibit P-40, Page 5 of 5)

DD Form 2454, JUN 86 P-1 Line No. 62 CLASSIFICATION: **UNCLASSIFIED**

		BUDO	GET ITEM .	JUSTIFICA			DATE:						
				P-40						Fe	bruary 20	10	
APPROPRIATION/BUD	GET ACTIVI	TY						P-1 ITEM NO	MENCLATU	RE			
AIRCRAFT PROCU	REMENT,	, NAV	/ /BA-7 AIF	RCRAFT E	QUIPMENT	AND FAC	ILITIES		072500, O	THER PRO	DUCTION	CHARGES	
Program Element for Co	de B Items:							Other Relate	d Program Ele	ements			
0204571N													
	Prior	ID			Base	OCO	Total					То	
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total
Quantity													
Cost (\$M)	119.218	Α	27.888	23.787	7.579		7.579	11.322	14.151	15.480	16.079	Cont	Cont

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 the 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).

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	COST ANAL P-5	YSIS			Weapon Syst	em				DATE: Februar	y 2010	
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY /BA-7 AI	RCRAI	FT EQUIPMEN	IT AND FA		ID Code A			RE/SUBHEAD DUCTION CH		17C6	
			TOTAL COST IN T	HOUSANDS (<u>I</u>					
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2009			FY 2010			FY 2011	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	PMA-209 Common Avionics Decentralized	А	1,077			100						
74950	PMA205 Tactical Combat Training System											
	Participant Subsystem	Α	52,450	297	84	24,801	314	61	19,016	60	56	3,381
	Integrated Logistics Support	Α	3,869			1,846			3,112			2,711
	Acceptance Test	Α	3,627			185	,		785			685
	Other Costs	Α	58,195			956	,		874			802
			119,218			27,888			23,787			7,579

BUDGET PROCURE	MENT HISTO	RY AND PI	ANNING EXHIBIT	(P-5A)		Weapon System		A. DATE	ebruary 2	010
3. APPROPRIATION/BUDGI AIRCRAFT PROCURE		BA-7 AIRCR	AFT EQUIPMENT A	ND FACILITIES	C. P-1 ITEM NOM 072500, OTH	ER PRODUCTION CHA	RGES		SUBHEAD	C6
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 REVISION AVAILABI
CTS Participant Subsystem		(666)								
FY2009 FY2010 FY2011	297 314 60	84 61 56	ACC/WMR ACC/WMR ACC/WMR	12/02 12/02 12/02	C-FFP C-FFP	Cubic, San Diego, CA Cubic, San Diego, CA Cubic, San Diego, CA	10/08 12/09 12/10	9/09 10/10 10/11	YYY	N/A N/A N/A

TCTS Participant Subsystem Cub ITEM / MANUFACTURER F Y Participant Subsystem 08 Participant Subsystem 09	Y -7 AIR Mar Name		urer's .ocatic		MS	Proc	ductio				\	Nea	pon	Sys	stem													
Item TCTS Participant Subsystem Cub ITEM / MANUFACTURER F Y Participant Subsystem 08 Participant Subsystem 09	Mar Name	nufactu and L	urer's .ocatic		MS	Proc	ductio								Weapon System P-1 ITEM NOMENCLATURE 072500 OTHER PRODUCTION CHARGE													
ITEM / MANUFACTURER F Y Participant Subsystem 08 Participant Subsystem 09	Name	and L	ocatic	on	MS			on F	Rate											HER	PR	ODL	JCTI	ON	CH/	٩RG	ES	
ITEM / MANUFACTURER F Y Participant Subsystem 08 Participant Subsystem 09	Name	and L	ocatic	on		SD				ALT Prior ALT After																		
TCTS Participant Subsystem Under Control Cont				n		MSR ECON MAX										Initi			eord						Un	it of		
Participant Subsystem 08 Participant Subsystem 09	ic, San	n Diego	o, CA		_						to	Oct	1	(Oct 1		Mfg F	LT	M	fg Pl	LT		Tota	l		Mea	sure	Э
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Participant Subsystem 09		1										•			_			_							_		•	H
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Participant Subsystem 12	N	130	0	130														Α										13
Remarks:																												

Exhibit P-40, Budget Item Justification (Exhibit P-40, page 4 of 5)

DON BUDGET PRODUCTION	SCHE	DULE,	P-21															DATE						Feb	rua	ry 2	201	0		
APPROPRIATION/BUDGET A													Wea	apor	Sys	stem)	P-1	TEN	/I N	OME	ENC								
AIRCRAFT PROCUREMENT, NA	VY /BA-	7 AIR	CRAFT	EQU	IPMEN	IT AI	ND F	ACII	LITIE	ES														ODL		ION	CH	ARG	SES	
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		Man	ufactu	ırer's								AL	T Pi	rior	AL	T A	fter	lr	itial		Re	eord	ler					Un	it of	i
Item			and L		n		SR		ON	M	AX	to	Oct	: 1	(Oct '	1		J PL	T	Mf	fg P	LT	-	Tota	ıl		Mea	asur	е
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ITEM / MANUFACTURER	F	S	Q	D	В		2012					C	CALEN	NDAR	YEAF	R 201	3						CA	LEND	ar ye	EAR 2	014			
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Participant Subsystem	14	N	215	0	215	215																								(
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Exhibit P-40, Budget Item Justification (Exhibit P-40, page 5 of 5)

DD Form 2454, JUN 86 P-1 Line No. 63 CLASSIFICATION: **UNCLASSIFIED**

		BUDG	ET ITEM .	JUSTIFICA [*]	TION SHE	ĒΤ			DATE:				
				P-40						Fe	ebruary 20	10	
APPROPRIATION/BUD	GET ACTIVIT	Υ						P-1 ITEM NO	MENCLATU	RE			
AIRCRAFT PROCU	REMENT,	NAVY	/BA-7 AIR	CRAFT EQ	LITIES	0	735 SPECI	AL SUPPO	RT EQUIP	MENT - 470	C7		
Program Element for Co	de B Items:					Other Relate	d Program El	ements					
	Prior	ID			Base	OCO	Total					То	
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total
Quantity													
Cost (\$M)	1,127.300		36.431	42.017	45.916		45.916	43.642	41.418	11.203	11.854		1,359.781

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

		BUDO	SET ITEM .	JUSTIFICA			DATE:							
				P-40						Fe	bruary 20	10		
APPROPRIATION/BUI	DGET ACTIVI	TY				P-1 ITEM NO	MENCLATU	RE						
AIRCRAFT PROC	UREMENT,	NAV	/ /BA-7 AIF	RCRAFT E	ILITIES	074000, FIRST DESTINATION TRANSPORTATION								
Program Element for C	ode B Items:				Other Related Program Elements									
	Prior	ID			Base	OCO	Total					To		
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total	
Quantity														
Cost (\$M)	68.625		3.598	1.729	1.752		1.752	1.779	1.808	1.840	1.871	Cont	Cont	

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

Basis for FY 2011 Budget Request: Funds are requested for the FY2011 First Destination Transportation requirements.

This budget line item includes \$.018 million for the Defense Acquisition Workforce Development Fund (DAWDF) in FY2009.

DD Form 2454, JUN 86 P-1 Line No. 65

CLASSIFICATION: UNCLASSIFIED



		BUDO	SET ITEM .	JUSTIFICA		DATE:										
				P-40						Fe	ebruary 20°	10				
APPROPRIATION/BUDG	GET ACTIVI	TY						P-1 ITEM NOMENCLATURE								
AIRCRAFT PROCU	REMENT,	NAVY	/ /BA-7 AIF	CRAFT E	ILITIES	07	90, CANCE	ELLED AC	COUNT AD	JUSTMEN'	TS					
Program Element for Cod	de B Items:				Other Relate	d Program Ele	ements									
	Applicable		Not Applicable													
	Prior	ID			Base	OCO	Total					To				
	Years	Code	FY 2009	FY 2010	FY 2011	FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total			
Quantity																
Cost (\$M)			0.019													

DESCRIPTION: This line finances cancelled account adjustments.

CLASSIFICATION: UNCLASSIFIED