

BUDGET ITEM JUSTIFICATION SHEET										DATE:	
P-40										February 2004	
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE						
Aircraft Procurement, Navy/Combat Aircraft (BA-1)					UH-1Y/AH-1Z / 0178000						
Program Element for Code B Items:					Other Related Program Elements						
PE 0206131M											
	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY2007	FY 2008	FY 2009	To Complete	Total Program
QUANTITY		B		9	9	12	19	21	21	189	280
Net P-1 Cost (\$M)	5.987	B		308.492	241.792	337.685	431.934	467.211	454.563	3,206.825	5,454.489
Advance Proc (\$M)		B									
Wpn Sys Cost (\$M)	5.987	B		308.492	241.792	337.685	431.934	467.211	454.563	3,206.825	5,454.489
Initial Spares (\$M)		B		16.180	9.088	29.394	48.415	84.461			187.538
Proc Cost (\$M)	5.987	B		324.672	250.880	367.079	480.349	551.672	454.563	3,206.825	5,642.027
Unit Cost (\$M)		B		36.075	27.876	30.590	25.282	26.270	21.646	16.967	20.150
Description:											
<p>Mission Description: The mission of the AH-1Z attack helicopter is to provide rotary wing close air support, anti-armor, armed escort, armed/visual reconnaissance, anti-helicopter and point air defense and fire support coordination during day/night conditions. The mission of the UH-1Y utility helicopter is to provide command and control and combat assault support during day/night and reduced weather conditions. The UH-1Y/AH-1Z remanufacture program is a recapitalization effort that converts 180 AH-1Ws and 100 UH-1Ns into AH-1Zs and UH-1Ys, respectively. Major modifications include: a new 4-bladed rotor system with semiautomatic blade fold of the new composite rotor blades, new performance matched transmissions, a new 4-bladed tail rotor and drive system, upgraded landing gear, and pylon structural modifications. Both aircraft will also incorporate common, modernized and fully integrated cockpits/avionics that will reduce operator work load and improve situational awareness and safety. The UH-1Y/AH-1Z aircraft will have increased maneuverability, speed, and payload capability. Additionally, the AH-1Z will upgrade the current Night Targeting FLIR system to a 3rd generation, staring, focal plane array FLIR that will significantly extend autonomous weapons engagement ranges.</p> <p>Basis for Request: Funds are requested in FY 2005 to procure 9 AH-1Z/UH-1Y helicopters.</p>											

Date: February 2004

AIRCRAFT COST ANALYSIS P-5 Cost Sheet

Aircraft model: AH-1Z/UH-1Y

\$ in thousands

	Prior Years <u>Total Cost</u>	FY2002		FY2003		FY2004		FY2005	
		Qty:	<u>Unit Cost</u>	<u>Total Cost</u>	Qty:	<u>Unit Cost</u>	<u>Total Cost</u>	Qty:	<u>Unit Cost</u>
1 Airframe/CFE						18,403.994	165,635.949	14,591.498	131,323.486
2 Engine/Accessory						1,282.007	11,538.066	1,302.933	11,726.396
3 CFE Mission Elec									
4 GFE Electronics						784.156	7,057.402	1,117.899	10,061.092
5 Armament						34.942	314.475	35.512	319.608
6 Other GFE						484.345	4,359.104	492.251	4,430.255
7 Rec Flyaway ECO						552.120	4,969.078	364.787	3,283.087
8 Rec Flyaway Cost						21,541.564	193,874.075	17,904.880	161,143.923
9 Non-Recurring							24,297.99		7,961.184
10 Ancillary Equipment							562.365		571.544
11									
12 Total Flyaway						24,303.826	218,734.435	18,852.961	169,676.652
13 Support Equipment							5,104.868		9,929.262
14 Pec Trng Equip							45,649.108		17,250.993
15 Pubs/Tech Data							5,204.330		11,880.259
16 Other ILS							12,543.151		7,789.444
17 Production Support							21,256.109		25,265.389
18 Reclamation	5,986.969								
19									
20									
21 Support Costs	5,986.969						89,757.565		72,115.348
22 Gross P-1	5,986.969						308,492.000		241,792.000
23 Adv Proc Credit									
24 Net P-1 Cost	5,986.969						308,492.000		241,792.000
25 Adv Proc CY									
26 Weapon System Cost	5,986.969						308,492.000		241,792.000
27 Initial Spares							16,180.000		9,088.000
28 Procurement Cost	5,986.969					36,074.667	324,672.000	27,875.556	250,880.000

P-1 SHOPPING LIST

Note: Totals may not add due to rounding.

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CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System UH-1Y/AH-1Z		A. DATE February 2004			
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy / BA-1					C. P-1 ITEM NOMENCLATURE UH-1Y/AH-1Z				SUBHEAD U14B	
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
Airframe/FY04	9	18,403.994	NAVAIR	Dec-02	FFP	Bell Helicopter, Ft. Worth TX	Jan-04	Mar-06	Yes	
Airframe/FY05	9	14,591.498	NAVAIR	Dec-02	FFP	Bell Helicopter, Ft. Worth TX	Nov-04	Apr-07	Yes	
D. REMARKS										

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UH-1Y Engine /FY04	12	825.042	AMCOM	N/A	FFP	General Electric Lynn, MA	Jan 04	Sep 05	YES	
UH-1Y Engine/FY05	12	838.509	AMCOM	N/A	FFP	General Electric Lynn, MA	Dec 04	Oct 06	YES	
D. REMARKS New engines will be procured for the UH-1Y only. The AH-1Z will utilize refurbished engines from the AH-1W aircraft.										

