

**COMMITTEE LANGUAGE FOR FISCAL YEAR 2002**

**SH-60R  
ACCOUNT: APN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
25,064	25,064	25,064	25,064	10,064	18,564	10,064

**CH-60S (MYP)  
ACCOUNT: APN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
(13)181,957	(13)181,957	(13)181,957	181,957	(13)181,957	181,957	181,957

**CH-60S (ADVANCE PROCUREMENT (CY))  
ACCOUNT: APN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
64,212	64,212	64,212	64,212	64,212	64,212	64,212

**SH-60 SERIES  
ACCOUNT: APN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
1,735	15,935	1,735	4,735	4,735	7,735	9,735

**SH-60 SERIES  
ACCOUNT: APN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
--	--	--		14,000		

**HASC LANGUAGE (Rpt. 107-194)**

*Page 64, Aircraft Procurement, Navy*

7	AH-1W (HELICOPTER) SEA COBRA	-	1,383	-	1,383
8	SH-60R	-	25,064	-	25,064

*Page 65, Aircraft Procurement, Navy*

AIRLIFT AIRCRAFT					
11	CH-60S (MYP)	13	253,251	13	253,251
11	CH-60S (MYP)	-	(71,294)	-	(71,294)
12	CH-60S (MYP)	-	-	-	-
12	CH-60S (MYP)	-	-	-	-
12	CH-60S (MYP)	-	64,212	-	64,212

27	H-53 SERIES	-	16,541		-	16,541
28	SH-60 SERIES	-	1,735	14,200	-	15,935
	AQS-13F Sonar			[+11,000]		[+11,000]
	Advanced Helicopter Emergency Egress Lighting System			[+3,200]		[+3,200]
29	H-1 SERIES	-	1,149		-	1,149

*SH-60 series modifications*

The budget request contained \$1.7 million for SH-60 series modifications but included no funds for the SH-60F's AN/AQS-13F dipping sonar upgrade or for the advanced helicopter emergency egress lighting system (ADHEELS). The SH-60F is the Navy's anti-submarine warfare helicopter based aboard aircraft carriers and uses the AN/AQS-13F as its principal dipping sonar to detect submarines near the aircraft carrier.

The committee understands that a pre-planned product improvement program for the AN/AQS-13F could achieve improved shallow-water detection capability and provide increased system re-liability.

Accordingly, the committee recommends an increase of \$11.0 million to upgrade the SH-60F's AN/AQS-13 dipping sonar.

The ADHEELS provides crew escape lighting for H-60 series helicopters in the event of water impact. The committee understands that the Department of the Navy has selected ADHEELS as its future helicopter escape lighting system due to its superior performance, significantly increased operational reliability, and lower life-cycle costs. Consequently, the committee recommends an increase of \$3.2 million to accelerate the installation of ADHEELS in the Navy's H-60 helicopter fleet.

In total, the committee recommends \$15.9 million, an increase of \$14.2 million, for SH-60 series modifications.

*Laser aim scoring system (LASS)*

The budget request contained \$64.4 million in PE 64212N for anti-submarine warfare (ASW) and other helicopter development but included no funds for the sea-target LASS.

The sea-target LASS would be mounted on a Navy remote-controlled target boat, which, when lased by a pilot practicing delivery of a Hellfire missile, would provide immediate aiming feedback to the pilot that would inform where the missile would have hit or why it would have missed. The committee understands that combat delivery of the Hellfire missile requires considerable pilot laser aiming skill since it is conducted in a moving helicopter and directed at a moving at-sea target. The committee further understands that the Navy's SH-60 and HH-60 pilots have limited proficiency in this skill since Hellfire pilot laser aiming training is accomplished in a ground-based flight trainer which lacks the both the helicopter and target motion and the ability to determine why a missile would have been ineffective against its intended target.

The committee notes that Army helicopter pilots maintain Hellfire laser aiming proficiency by using a stationary LASS on their target practice ranges, and believes that a similar sea-target LASS could address the Navy training deficiency by allowing in-flight practice laser designation against a moving at-sea target while also providing immediate laser aiming result feedback to the pilot.

Accordingly, the committee recommends \$66.4 million in 64212N, an increase of \$2.0 million, to develop the sea-target LASS.

**SASC LANGUAGE (Rpt. 106-62)**

Page 55, Aircraft Procurement, Navy

7	AH-1W (HELICOPTER) SEA COBRA		1,383		1,383
8	SH-60R		25,064		25,064
9	E-2C (EARLY WARNING) HAWKEYE (MYP)	5	242,746	5	242,746

Page 55, Aircraft Procurement, Navy

Airlift Aircraft					
11	CH-60S (MYP)	13	181,957	13	181,957
12	CH-60S (MYP) (AP-CY)		64,212		64,212

Page 56, Aircraft Procurement, Navy

27	H-53 SERIES		16,541		16,541
28	SH-60 SERIES		1,735		1,735
29	H-1 SERIES		1,149		1,149

Contains no language.

**CASC LANGUAGE (Rpt. 107-333)**

Page 435, Aircraft Procurement, Navy

SH-60R		25,064		25,064		25,064		25,064
E-2C (EARLY WARNING) HAWKEYE (MYP)	5	242,746	5	242,746	5	242,746	5	242,746
CH-60S (MYP)	13	181,957	13	181,957	13	181,957	13	181,957
CH-60S (MYP) (AP-CY)		64,212		64,212		64,212		64,212

Page 437, Aircraft Procurement, Navy

28	SH-60 SERIES	1,735	15,935	1,735	3,000	4,735
	AOS-13F Sonar Upgrades		[11,000]		[3,000]	
	Advanced Helicopter Emergency Egress Lighting System		[3,200]			
29	H-1 SERIES	1,149	1,149	1,149		1,149

Contains no language.

**HAC LANGUAGE (Rpt. 207-298)**

Page 110, Aircraft Procurement, Navy

V-22 (MEDIUM LIFT)	1,009,881	790,881	- 219,000
Reduce 3 aircraft			- 219,000
SH-60R	25,064	10,064	- 15,000
Non Recurring—Schedule Slip			- 15,000
E-2C (EARLY WARNING) HAWKEYE (MYP)	242,746	239,746	- 3,000

Page 110, Aircraft Procurement, Navy

AN/APR-39A RWR and "A" installation kits .....				+5,000
SH-60 SERIES .....		1,735	4,735	+3,000
AQS-13F Airborne Dipping sonar .....				+3,000
H-1 SERIES .....		1,149	4,149	+3,000

Page 112, Aircraft Procurement, Navy

AN-1W (HELICOPTER) SEA COBRA.....	--	1,383	--	1,383	--	---
SH-60R.....	--	25,064	--	10,064	--	-15,000
E-2C (EARLY WARNING) HAWKEYE (MYP).....	5	242,746	5	239,746	--	-3,000

Page 112, Aircraft Procurement, Navy

AIRLIFT AIRCRAFT						
CH-60S (MYP).....	13	181,957	13	181,957	--	---
CH-60S (MYP) (AP-CY).....	--	64,212	--	64,212	--	---
UC-35.....	--	---	1	7,500	+1	+7,500
<b>TOTAL, AIRLIFT AIRCRAFT.....</b>		<b>246,169</b>		<b>253,669</b>		<b>+7,500</b>

Page 111, Aircraft Procurement, Navy

MH-60R HELICOPTER

The Committee is concerned about the future direction of the MH-60R multi-mission helicopter given recent schedule delays and a significant program restructure. As the cornerstone of the Navy's Helicopter master plan to replace aging SH-60B and SH-60F helicopters it is vital that the MH-60R begin production as soon as practicable. It is the Committee's sense that all opportunities should be taken to incorporate COTS technology into the MH-60R program whenever possible for all mission functions.

The Committee also directs the Department of the Navy to submit a report to the House Appropriations Committee no later than March 15, 2002, detailing the acquisition strategy for the MH-60R's Advanced Low Frequency (ALFS) dipping sonar to include:

- (1) a life cycle field support plan, (2) a pre-planned product improvement plan, and (3) technology development plans for a follow-on to the ALFS system.

Page 180, RDT&E, Navy

the IT-21 block upgrade.) .....				+7,000
OTHER HELO DEVELOPMENT .....		64,392	79,892	+15,500
SH-60 Laser Aim Scoring System (LASS) .....				+2,000
High Tech Training in Support of DOD Legacy Parts Solutions .....				+1,500

H-60 FLIR Mount (Note: Only for third party design of the FLIR mount.) .....				+3,000
H-60 Helicopter Dynamic Component Life Cycle Engineering Evaluation (Note: Only for an independent third party engineering analysis to assess dynamic component life cycle criteria and development of component upgrades for life extension.) .....				+3,000
MH-60S Airborne Mine Countermeasure Carriage, Stream, Tow, Recovery System (CSTARS) .....				+6,000
NDARDS DEVELOPMENT .....	120,552	127,052		+6,500

AIRBORNE MCM .....	52,041	61,041		+9,000
Remote Technical Assistance Program (RTASS) .....				+4,000
CH-60S Untethered Airborne Mine Neutralization System .....				+5,000

**SAC LANGUAGE (Rpt. 107-109)**

7 AH-1W (HELICOPTER) SEA CUBRA .....	1,383	1,383		
8 SH-60R .....	25,064	18,564		-6,500

8 SH-60R .....	25,064	18,564		-6,500
Excessive Growth: Unrealistic Schedule .....				-12,000
Unjustified Ancillary Equipment Costs .....				-6,500
17 T-45TC (TRAINER) COUSHAWK .....		13,000	13,000	

AIRLIFT AIRCRAFT:				
11 CH-60S (MYP) .....	13	181,957	13	181,957
12 CH-60S (MYP) (AP-CY) .....		64,212		64,212
<hr/>				
TOTAL, AIRLIFT AIRCRAFT .....		246,169		246,169
TRAINER AIRCRAFT:				
27 T-45 SERIES .....		10,041		10,041
28 SH-60 SERIES .....		1,735		7,735
29 H-1 SERIES .....		1,110		1,110

28 SH-60 SERIES .....	1,735	7,735		-6,000
ECP-583 .....				-34,400
Airborne Low Frequency Sonars (ALFS) .....				-6,000
21 ED-3 SERIES .....	122,717	117,017		-5,700

Maritime patrol aircraft.—Increases totaling \$100,000,000 are provided to modernize selected Navy maritime patrol aircraft, to include the EA-6B, SH-60, EP-3, and P-3 aircraft programs.

**CAC LANGUAGE (Rpt. 107-350)**

Page 242, Aircraft Procurement, Navy

SH-60R.....	25,064	10,064	18,564	10,064
E-2C (EARLY WARNING) HAWKEYE (MYP).....	242.746	239.746	242.746	239.746
<b>AIRLIFT AIRCRAFT</b>				
CH-60S (MYP).....	181,957	181,957	181,957	181,957
CH-60S (MYP) (AP-CY).....	64,212	64,212	64,212	64,212

Page 243, Aircraft Procurement, Navy

H-33 SERIES.....	10,041	41,041	10,041	17,041
SH-60 SERIES.....	1,735	4,735	7,735	9,735
H-1 SERIES.....	1.149	4.149	1.149	2.649

Page 245, Aircraft Procurement, Navy

			-12,000	-12,000
8	SH-60R	25,064	10,064	18,564
	Non Recurring - Schedule Slip		-15,000	-15,000
	E-2C (EARLY WARNING) HAWKEYE (MYP).....	242.746	239.746	242.746
28	SH-60 SERIES	1,735	4,735	7,735
	AQS-13F Airborne Dipping sonar		+3,000	+2,000
	Airborne Low Frequency Sonars (ALFS)			+6,000
	ADHEELS			+2,000
29	H-1 SERIES	1.149	4.149	1.149
				2.649

Page 340, RDT&E, Navy

95	OTHER HELO DEVELOPMENT	64,392	79,892	74,392	83,692
	SH-60 Laser Aim Scoring System (LASS)		+2,000		+1,000
	High Tech Training in Support of DOD Legacy Parts Solutions		+1,500		+1,000
	H-60 FLIR Mount (Note: Only for third party design of the FLIR mount.)		+3,000		+2,600
	H-60 Helicopter Dynamic Component Life Cycle Engineering Evaluation (Note: Only for an independent third party engineering analysis to assess dynamic component life cycle criteria and development of component upgrades for life extension.)		+3,000		+2,800
	MH-60S Airborne Mine Countermeasure Carriage, Stream, Tow, Recovery System (CSTARS)		+6,000		+5,100
	Integrated Mechanical Diagnostics - Health and Usage Monitoring System			+10,000	+7,000
		120.552	127.052	120.552	123.802

115 AIRBORNE MCM	52,041	61,041	57,041	61,641
Remote Technical Assistance Program (RTASS)		+4,000		+2,800
CH-80S Untethered Airborne Mine Neutralization System		+5,000		+4,300
AQS - 20 Airborne Mine Hunting Sonar			+5,000	+2,500

Contains no language.