

# UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification								DATE: <b>June 2001</b>			
APPROPRIATION/BUDGET ACTIVITY <b>RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVY / BA-5</b>						R-1 ITEM NOMENCLATURE 0604216N Multi Mission Helicopter Upgrade Development					
COST (\$ in Millions)	Prior Years Cost	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Total PE Cost	568.873	124.711*	83.115**	149.418							
H1707/ MMH Upgrade Development	568.873	124.711*	83.115**	136.618							
E3053 MH-60S AMCM				12.800							
Quantity of RDT&E Articles	2										
<p>From program inception through FY99, the program was funded under P.E. 0604212N, ASW &amp; Other Helo Development, Project Unit H1707.</p> <p>*The FY 2000 budget reflects a \$15M Congressional add from program element 0604212N for Parametric Airborne Dipping Sonar (PADS) which has been reduced by \$.328M for Congressional Undistributed adjustments and \$.058M for a Congressional recession.</p> <p>**The FY 2001 budget reflects a \$5M Congressional add for ATIRCM/CMWS Integration, a \$5M Congressional add for TADIRCM, and a \$4M Congressional add for Advanced Threat Infrared Countermeasures which have been reduced by \$.046M and \$.036 respectively for Congressional Undistributed adjustments.</p> <p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:                      The Block II Upgrade improves the capability of the LAMPS MK III Weapons System to provide battle group protection and to add significant capability in coastal littorals and regional conflicts. The Block II Upgrade represents a significant avionics modification to the H-60 series helicopters by enhancing primary mission areas of Undersea Warfare (USW) and Surface Warfare (SUW). Airborne Low Frequency Sonar (ALFS) will be added to enhance the existing acoustic suite. An added multi-mode radar includes an inverse synthetic aperture radar mode (permits stand-off classification of hostile threats). An improved Electronics Surveillance Measu system (ESM) will enable passive detection and targeting of radar sources not currently detectable.</p>											

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**Exhibit R-2, RDTE Budget Item Justification**  
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EXHIBIT R-2, RDT&E Budget Item Justification		DATE: <b>June 2001</b>
APPROPRIATION/BUDGET ACTIVITY <b>RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVYBA-5</b>	R-1 ITEM NOMENCLATURE 0604216NMulti Mission Helicopter Upgrade Development	
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>E3053 - The Helicopter Combat Support (HC) mission is to maintain forward deployed fleet sustainability through rapid airborne delivery of materials and personnel and to support amphibious operations through search and rescue coverage. The primary roles of the aircraft are to conduct vertical replenishment (VERTREP), day/night ship-to-ship, ship-to-shore, and shore-to-ship external transfer of cargo; internal transport of passengers, mail and cargo, vertical on board delivery (VOD); airhead operations, and day/night search and rescue (SAR). The aircraft secondary roles include torpedo and drone recovery, noncombatant evacuation operations (NEO), Sea Air Land (SEAL) and Explosive Ordnance Disposal (EOD) support. The MH-60S ORD was modified in May 2000 to add Organic Airborne Mine Countermeasures (OAMCM) as a primary mission for the MH-60S. The AMCM mission will provide Carrier Battle Groups (CVBGs) and Amphibious Readiness Groups (ARGs) with an OAMCM capability.</p> <p>(U) JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under Engineering &amp; Manufacturing Development because it encompasses engineering and manufacturing development of new end-items prior to production approval decision.</p>		

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**Exhibit R-2, RDTEN Budget Item Justification**  
(Exhibit R-2, page 2 of 15)

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EXHIBIT R-2a, RDT&E Project Justification							DATE: <b>June 2001</b>				
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-5</b>	PROGRAM ELEMENT NUMBER AND NAME PE 0604216N Multi-Mission Helicopter Upgrade Development					PROJECT NUMBER AND NAME H1707 MMH Upgrade Development					
COST (\$ in Millions)	Prior Years Cost	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Project Cost	568.873	124.711*	83.115**	136.618							
RDT&E Articles Qty	2										

From program inception through FY99, the program was funded under P.E. 0604212N, ASW & Other Helo Development, Project Unit H1707.

\*The FY 2000 budget reflects a \$15M Congressional add from program element 0604212N for Parametric Airborne Dipping Sonar (PADS) which has been reduced by \$.328M for Congressional Undistributed adjustments and \$.058M for a Congressional rescission.

\*\*The FY 2001 budget reflects a \$5M Congressional add for ATIRCM/CMWS Integration, a \$5M Congressional add for TADIRCM, and a \$4M Congressional add for Advanced Threat Infrared Countermeasures which have been reduced by \$.046M and \$.036 respectively for Congressional Undistributed adjustments.

**(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:**

The Block II Upgrade improves the capability of the LAMPS MK III Weapons System to provide battle group protection and to add significant capability in coastal littorals and regional conflicts. The Block II Upgrade represents a significant avionics modification to the H-60 series helicopters by enhancing primary mission areas of Undersea Warfare (USW) and Surface Warfare (SUW). Airborne Low Frequency Sonar (ALFS) will be added to enhance the existing acoustic suite. An added multi-mode radar includes an inverse synthetic aperture radar mode (permits stand-off classification of hostile threats). An improved Electronics Surveillance Measures system (ESM) will enable passive detection and targeting of radar sources not currently detectable. This project procures two low rate initial production test articles.

**(U) PROGRAM ACCOMPLISHMENTS AND PLANS:**

**1. FY 2000 ACCOMPLISHMENTS:**

- (U) (\$69.012) EMD Phase I and II: Continued ESM development, continued design of operator/tactical assistance software programs and integrated self-defense suite, continued system software development, supported DT-II and ALFS Operational test. Conducted Test Readiness Review (TRR), and completed Critical Design Review (CDR). Conducted first flights on prototype aircraft to include Common Cockpit testing. Continued procurement of management, manufacturing, material, and engineering labor associated with Test Articles avionics
- (U) (\$16.265) Continued procurement of management, manufacturing, material, and engineering labor for the Test Articles Airframes remanufacture.
- (U) (\$9.419) Completed efforts to incorporate commercial-off-the-shelf avionics technology, referred to as Common Cockpit, into prototypes.
- (U) (\$.880) Completed procurement of GFE for Test Articles.

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**Exhibit R-2a, RDTEN Project Justification**  
(Exhibit R-2a, page 3 of 15)

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EXHIBIT R-2a, RDT&E Project Justification		DATE:
<b>APPROPRIATION/BUDGET ACTIVITY</b> <b>RDT&amp;E, N / BA-5</b>	<b>PROGRAM ELEMENT NUMBER AND NAME</b> 0604216N Multi-Mission Helicopter Upgrade Development	<b>June 2001</b>
<b>PROJECT NUMBER AND NAME</b> H1707 MMH Upgrade Development		
<ul style="list-style-type: none"> <li>- (U) ( \$7.477) Conducted developmental testing for SH-60R and ALFS operational testing. Conducted data reduction and analysis and prepared test report.</li> <li>- (U) (\$3.410) Continued avionics hardware updates, production test equipment development, Integrated Logistics Support, Engineering, and Testing.</li> <li>- (U) (\$2.864) Continued documentation and processing requirements for a multiple LRIP reviews. Completed procurement of lab assets for EMD Phase II. Continued Navy Logistics, systems engineering and test support, program management and travel. Supported requirements for LRIP Test Articles including aircraft maintenance, trainer systems development, Integrated Logistics Support, and field activity support.</li> <li>- (U) (\$.770) Procured Test Articles support, GFE repair, parts support, maintenance of prototypes/test articles, and completed SLEP fatigue redesign.</li> <li>- (U) (\$14.614) (Congressional Add) Developed, built, and tested new Parametric Airborne Dipping Sonar (PADS) prototype. Included Integrated Logistics Support analysis, flight demonstration, and engineering support.</li> </ul> <p>2. FY 2001 PLANS:</p> <ul style="list-style-type: none"> <li>- (U) (\$46.686) EMD Phase I and II: Continue ESM development and design of operator/tactical assistance software programs and integrated self-defense suite. Continue system software development and support DT-IIC and ALFS Operational testing. Conduct Test Readiness Review (TRR) and continue test flights of Test Article aircraft. Continue procurement of management, manufacturing, material, and engineering labor associated with Test Articles avionics. Support Acquisition Baseline Review.</li> <li>- (U) (\$12.264) Conduct DT-IIB and DT-IIC testing for SH-60R. Testing will be conducted on prototype aircraft and will concentrate on Acoustics (including ALFS), Radar ESM, and Common Cockpit. Testing will support LRIP II procurement decision.</li> <li>- (U) (\$2.593) Continue avionics hardware updates, production test equipment development, Integrated Logistics Support, Engineering, and Testing.</li> <li>- (U) (\$1.550) Procure Test Articles support, GFE repair, parts support, and maintenance of test articles.</li> <li>- (U) (\$4.255) Continue documentation and processing requirements for multiple LRIP reviews. Continue Navy logistics, systems engineering and test support, program management and travel. Support requirements for Test Article aircraft including aircraft maintenance, trainer systems development, Integrated Logistics Support, and field activity support.</li> </ul>		

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EXHIBIT R-2a, RDT&E Project Justification		DATE:
		<b>June 2001</b>
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
<b>RDT&amp;E, N / BA-5</b>	0604216N Multi-Mission Helicopter Upgrade Development	H1707 MMH Upgrade Development
<p>- (U) (\$4.954) (Congressional Add) Integration of ATIRCM/CMWS on the SH-60R. Perform integration of Common Missile Warning System to include sensor alignment/sensor placement study for SH-60R mission profiles, and modification of existing ARMY threat data for over water and Littoral threats. Perform risk reduction efforts to incorporate integrated Advanced Tactical Infrared-Red Counter Measures.</p> <p>- (U) (\$3.964) (Congressional Add) Perform integration of ATIRCM into the SH-60R. Effort includes installation and testing of dual LASER/dual Jam-Head arrangement and programming and testing of User Defined Module (UDM) for aircraft threats over water.</p> <p>- (U) (\$5.000) (Congressional Add) Perform TADIRCM risk reduction efforts and develop manufacturing techniques for the two-color missile warning system and miniturized jamming component.</p> <p>- (U) (\$1.849) Portion of extramural program reserved for Small Business Innovation Research assessment in accordance with 15 USC 68.</p> <p>3. FY 2002 PLANS:</p> <p>- (U) (\$74.200) EMD Phase I and II: Continue system software and hardware development and integration to include: RADAR mode development, ESM development, acoustics and post processing, mission planning, weapons, stores and self defense, data fusion, logistics products including IETMs, boresighting equipment and integration. Support aircraft integration, problem investigation and resolution, lab management and upgrades, hardware investigations and repairs in support of the test program. Provide ILS support, Program Management support, Risk Management Board support, and subvendor support.</p> <p>- (U) (\$12.400) Airframe test articles, GFE repair, and risk management board support. Procurement of Digital Mock-up, weight reduction studies, ISD integration development and vibration testing. Complete and deliver test article aircraft.</p> <p>- (U) (\$12.518) Provide engineering specialties, Integrated Logistics Support, Contractor Services Support, System Engineering, Program Management and Travel as required to support the SH-60R developmental program and test activities (DT-IIC).</p> <p>- (U) (\$19.400) Continue testing of SH-60R and its mission avionics.</p> <p>- (U) (\$5.100) Continue Acoustics (including ALFS) development, integration and testing. Correct deficiencies encountered during testing and integration in order to support DT-IID.</p> <p>- (U) (\$13.000) Engineering and Logistics evaluation and analysis of impacts of SH-60R design on Dynamic Component life. Build test coupons and perform certification testing. Conduct instrumented ground and flight tests.</p>		

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APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-5</b>	PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi Mission Helicopter Upgrade Dev	PROJECT NUMBER AND NAME H1707 MMH Upgrade Development

(U) B. PROGRAM CHANGE SUMMARY:

	<u>FY2000</u>	<u>FY2001</u>	<u>FY2002</u>
(U) FY 2001 President's Budget:	132.963	69.946	7.886
(U) Adjustments from the President's Budget:	-8.252	13.169	128.732
(U) FY 2002 President's Budget Submit:	124.711	83.115	136.618

CHANGE SUMMARY EXPLANATION:

(U) Funding: The FY 2000 net decrease of \$8.252 million reflects a decrease of \$2.979 million for Small Business Innovative Research assessment (\$2.734M for H1707 and \$.245M for H2414) , \$4.753 million decrease for reprioritization of requirements within the Navy, and \$520 million decrease for Congressional Rescission (\$.462M for H1707 and \$58M for H2414). The FY 2001 net increase of \$13.169 million reflects Congressional adds totaling \$14.0M (\$5.0M for TADIRCM, \$5.0M for ATIRCM/CMWS Integration and \$4.0M for ATIRCM Integration into SH-60R) offset by a decrease of \$.106 million for reprioritization of requirements within the Navy and a decrease of \$.553 million for a Congressional Reduction of 172 reduction for a Congressional rescission. The FY 2002 net increase of \$128.732 million reflects a program plus-up of \$40.707 million for increased flight tests and software integration requirements; a decrease of \$.144 million for reprioritization of requirements within the Navy, an increase of \$.079 million for economic assumptions, an increase of \$.090 million for additional program support, and an increase of \$88.0M reprogrammed SH-60R APN funding (BLI 18200) to support the restructured SH-60R development program.

(U) Schedule: Schedule changes are due to program restructure as a result of new acquisition strategy to build new production aircraft vice remanufacture.

(U) Technical: Not Applicable.

(U) C. OTHER PROGRAM FUNDING SUMMARY:

<u>Line Item No. &amp; Name</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>
APN BLI-018200 SH-60R	223.788	209.417	25.064
APN BLI-060510 SH-60R Initial Spares	12.263	0.000	0.000

Nore: FY01 includes \$156.201 being reprogrammed to reflect change in program acquisition strategy from remanufacture to new production.

Related RDT&E

- (U) PE 0604507N Enhanced Modulare Signal Processor
- (U) PE 0604261N Acoustic Search Sensors
- (U) PE 0604212N ASW & Other Helo Development (TCDL)

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APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME																				
<b>RDT&amp;E, N / BA-5</b>	PE 0604216N Multi Mission Helicopter Upgrade Dev	H1707 MMH Upgrade Development																				
<p>(U) D. ACQUISITION STRATEGY: The contracting plan for Common Cockpit was changed from a Federal Acquisition Regulation contract to a Section 845 Other Transaction. In FY99, the program was restructured to allow two prime contractors for the LRIP and Test Articles. A sole source contract was awarded to Sikorsky for the Air Vehicle portion and Lockheed Martin Federal Systems for the avionics integration.</p> <p>(U) E. SCHEDULE PROFILE:</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 20%; text-align: center;"><u>FY 2000</u></th> <th style="width: 20%; text-align: center;"><u>FY 2001</u></th> <th style="width: 30%; text-align: center;"><u>FY 2002</u></th> </tr> </thead> <tbody> <tr> <td>(U) Program Milestones</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Engineering Milestones</td> <td>TRR#1 3Q/00</td> <td>TRR #2 3Q/01</td> <td></td> </tr> <tr> <td>(U) T&amp;E Milestones</td> <td></td> <td>DT-IIB 2Q/01-2Q/01 DT-IIC 3Q/01-4Q/02</td> <td>Complete DT-IIC 4Q/02</td> </tr> <tr> <td>(U) Contract Milestones</td> <td></td> <td></td> <td>LMSI EMD II REPLAN 1Q/02</td> </tr> </tbody> </table>				<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	(U) Program Milestones				(U) Engineering Milestones	TRR#1 3Q/00	TRR #2 3Q/01		(U) T&E Milestones		DT-IIB 2Q/01-2Q/01 DT-IIC 3Q/01-4Q/02	Complete DT-IIC 4Q/02	(U) Contract Milestones			LMSI EMD II REPLAN 1Q/02
	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>																			
(U) Program Milestones																						
(U) Engineering Milestones	TRR#1 3Q/00	TRR #2 3Q/01																				
(U) T&E Milestones		DT-IIB 2Q/01-2Q/01 DT-IIC 3Q/01-4Q/02	Complete DT-IIC 4Q/02																			
(U) Contract Milestones			LMSI EMD II REPLAN 1Q/02																			

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Exhibit R-3 Cost Analysis (page 1)							DATE: <b>June 2001</b>					
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
<b>RDT&amp;E, N / BA-5</b>			0604216N Multi Mission Helicopter Upgrade Dev			H1707 MMH Upgrade Development						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract
Engineering Support	WX	NAWC-AD PAX (Warm, PA)	32.580	1.576	11/00	4.678	11/01					38.834
Engineering Support	RX	NAWC-AD PAX	6.266	0.457	12/00	2.747	12/01					9.470
Integrated Logistics Support	WX	Cherry Point, Lakehurst	5.395	0.409	11/00	1.931	11/01					7.735
Integrated Logistics Support	RX	Cherry Point, Lakehurst	0.070									0.070
Training Support	RX/WX	NUWC/NAWC-AD PAX	1.371									1.371
Other FY93 & Prior Year Cost	MISC	MISC Activities	46.260									46.260
GFE - FLIR	RX	Crane	4.214									4.214
GFE - AVR-2 Laser Interface Unit	MIPR	Army, Ft. Monmouth, NJ	1.636									1.636
GFE- M299 Missile Launcher	MIPR	Redstone Arsenal	0.257									0.257
Misc GFE Milstrips	Reqn	NAVICP	0.333									0.333
GFE - Tester	WX	Crane	0.060									0.060
GFE - Pyton Interface Unit	WX	Crane	0.500									0.500
GFE - ALE-47 Countermeasures	WX/MIPR	Crane/Robins AFB	0.138									0.138
COTS AP Engineering (H2631)	WX	NAWC-AD PAX	0.517									0.517
SGS Equipment (H2633)	WX/RX	MISC Activities	0.969									0.969
PADS Engineering Support (H2414)	WX/RX	MISC Activities	6.351									6.351
AIC Engineering Support (H2413)	WX	NAWC-AD PAX	3.148									3.148
AIC Engineering Support (H2413)	RX	NAWC-AD PAX	1.570									1.570
Subtotal Support			111.635	2.442		9.356				0.000		123.433
Remarks:												

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APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
<b>RDT&amp;E, N / BA-5</b>			0604216N Multi Mission Helicopter Upgrade Dev			H1707 MMH Upgrade Development						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date			Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WX	NAWC-AD, Pax River	19.622	11.418	10/00	17.833	11/01				48.873	
Operational Test & Evaluation	WX	NAWC-AD, Pax River	0.031	0.757	10/00	1.167	11/01				1.955	
Live Fire Test & Evaluation	WX	NAWC-WD, China Lake		0.089	10/00	0.400	11/01				0.489	
Subtotal T&E			19.653	12.264		19.400					51.317	
Remarks:												
Engineering Support (FFRDC)	MIPR	CECOM, Ft. Monmouth, NJ	2.452	0.797	12/00	0.699	12/01				3.948	
Government Engineering Support	WX	NAWC-AD Pax River	1.783	1.071	11/00	0.551	11/01				3.405	
Program Management Support	RX	MISC Activities	2.362	0.227	12/00	1.159	12/01				3.748	
PADS Management Support	RX	MISC Activities	1.081								1.081	
COTS AP Engineering (FFRDC)	MIPR	CECOM, Ft. Monmouth, NJ	0.063								0.063	
Travel	WX	NAWC-AD Pax River	1.474	0.711	10/00	0.753	10/01				2.938	
Subtotal Management			9.215	2.806		3.162					15.183	
Remarks:												
Total Cost			693.584	83.115		136.618				0.000	913.317	
Remarks:												

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APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-5</b>	PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi-Mission Helicopter Upgrade Development					PROJECT NUMBER AND NAME E3053 MH-60S AMCM					
COST (\$ in Millions)	Prior Years Cost	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Project Cost			<b>0.000</b>	<b>12.800</b>							
RDT&E Articles Qty											

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Helicopter Combat Support (HC) mission is to maintain forward deployed fleet sustainability through rapid airborne delivery of materials and personnel and to support amphibious operations through search and rescue coverage. The primary roles of the aircraft are to conduct vertical replenishment (VERTREP), day/night ship-to-ship, ship-to-shore, and shore-to-ship external transfer of cargo; internal transport of passengers, mail and cargo, vertical on board delivery (VOD); airhead operations, and day/night search and rescue (SAR). The aircraft secondary roles include torpedo and drone recovery, noncombatant evacuation operations (NEO), Sea Air Land (SEAL) and Explosive Ordnance Disposal (EOD) support. The MH-60S ORD was modified in May 2000 to add Organic Airborne Mine Countermeasures (OAMCM) as a primary mission for the MH-60S. The AMCM mission will provide Carrier Battle Groups (CVBGs) and Amphibious Readiness Groups (ARGs) with an OAMCM capability.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. FY 2001 ACCOMPLISHMENTS: N/A

2. FY 2002 PLANS:

-(U) (\$12.800) Modification of MH-60S aircraft to support AMCM test and evaluation activities.

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<b>RDT&amp;E, N / BA-5</b>	0604216N Multi-Mission Helicopter Upgrade Development	E3053 MH-60S AMCM	
(U) B. PROGRAM CHANGE SUMMARY:			
	<u>FY2001</u>	<u>FY2002</u>	
(U) FY 2001 President's Budget Submit:	0.000	0.000	
(U) Adjustments from the President's Budget:	0.000	12.800	
(U) FY 2002 President's Budget Submit:	0.000	12.800	
CHANGE SUMMARY EXPLANATION:			
(U) Funding: FY 2002 reflects a net increase of \$12.800 million for modification of MH-60S test assets to the AMCM configuration.			
(U) Schedule: N/A			
(U) Technical: N/A			
(U) C. OTHER PROGRAM FUNDING SUMMARY:			
<u>Line Item No. &amp; Name</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>
0604212 RDT&E ASW and Other Helo Development	25.199	22.944	36.941
024000 APN-2 MH-60S	355.742	284.696	246.169
060510 APN-6 MH-60S	5.808	33.223	8.787
0204302 OPN AMCM	0.000	0.000	8.509



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<b>RDT&amp;E, N / BA-5</b>			0604216N Multi-Mission Helicopter Upgrade Development				E3053 MH-60S AMCM					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	Cost to Complete	Total Cost	Target Value of Contract
MH-60S NRE and Modifications	SS/CPIFF	Sikorsky, Stratford, CT				12.800	11/01				12.800	12.800
											0.000	0.000
											0.000	0.000
											0.000	0.000
											0.000	0.000
											0.000	0.000
Subtotal Product Development			0.000	0.000		12.800		0.000		0.000	12.800	12.800
Remarks:												
											0.000	
											0.000	
Subtotal Support			0.000	0.000		0.000		0.000			0.000	

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Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	Cost to Complete	Total Cost	Target Value of Contract
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal T&E			0.000	0.000		0.000		0.000			0.000	
Remarks:												
Misc Management Support	Various	Various									0.000	
Program Management Support	Various	NAVAIR									0.000	
Engineering Support	Various	NAWCAD									0.000	
Travel	WX	NAWCAD									0.000	
CSTRS Field Activity Support	WX	Various									0.000	
AMCM Training Systems Dev	Various	TBD										
Subtotal Management			0.000	0.000		0.000		0.000			0.000	
Remarks:												
Total Cost			0.000	0.000		12.800		0.000			12.800	
Remarks:												