

CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2, RDT&E Budget Item Justification							DATE:	
							February 2005	
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE			
RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-5					0604216N (U) Multi-Mission Helicopter Upgrade Development			
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	81.906	81.321	48.144	18.920	14.345	0.000	0.000	0.000
1707 MH-60R Development	81.906	78.005	48.144	18.920	14.345	0.000	0.000	0.000
9548 AQS-22 Airborne Low Frequency Sonar (ALFS)		1.632						
9549 Multi-Mission Helicopter Upgrade Dev		1.684						
A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: From program inception through FY99, Project H1707 was funded under P.E. 0604212N, ASW & Other Helo Development, Project Unit H1707. 1707 - The MH-60R Multi-Mission Helicopter provides battle group protection and adds significant capability in coastal littorals and regional conflicts. The MH-60R Multi-Mission Helicopter represents a significant avionics improvement 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 (ISAR) (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. Integration of Tactical Common Data Link (TCDL) , will be incorporated into the MH-60R as part of Block-I. 9548 - The MH-60R Multi-Mission Helicopter AQS-22 Airborne Low Frequency Sonar(ALFS), (Congressional Add). ALFS is the primary Undersea Warfare (USW) sensor of the Multi-Mission Helicopter. 9549 - The MH-60R Multi-Mission Helicopter Legacy Subsystems Improvement, (Congressional Add).								

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 Exhibit R-2a, RDTE Project Justification
 (Exhibit R-2a, page 1 of 21)

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EXHIBIT R-2a, RDT&E Project Justification						DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5				PROJECT NUMBER AND NAME 1707 LAMPS III IMP				
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project Cost	81.906	78.005	48.144	18.920	14.345	0.000	0.000	0.000
RDT&E Articles Qty								

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

From program inception through FY99, the program was funded under P.E. 0604212N, ASW & Other Helo Development, Project Unit 1707.

The MH-60R Multi-Mission Helicopter provides battle group protection and adds significant capability in coastal littorals and regional conflicts. The MH-60R Multi-Mission Helicopter represents a significant avionics improvement 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 (ISAR) (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. Integration of Tactical Common Data Link (TCDL) , will be incorporated into the MH-60R as part of Block-I.

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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROJECT NUMBER AND NAME 1707 LAMPS III IMP		
B. Accomplishments/Planned Program				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	29.138	8.800	0.000	0.000
RDT&E Articles Quantity				
Avionics 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 Integrated Electronic Technical Manuals, 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. ILS support, Program Management support, Risk Management Board support, and subvendor support.				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	6.468	0.926	0.000	0.000
RDT&E Articles Quantity				
Completed and delivered Airframe test articles (FY02). Airframe test articles engineering support, GFE repair, and risk management board support. Procurement of Digital Mock-up and weight reduction studies, Integrated Self Detection integration development and vibration testing.				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	5.251	4.315	0.000	0.000
RDT&E Articles Quantity				
Avionics engineering specialists, Integrated Logistics Support, Government Furnished Equipment (GFE), Contractor Services Support, System Engineering, Program Management, Travel as required to support the MH-60R developmental program, test activities (TECHEVAL), and Small Business Innovation Research (SBIR).				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	23.549	3.564	0.000	0.000
RDT&E Articles Quantity				
MH-60R Mission Avionics testing.				

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B. Accomplishments/Planned Program				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.000	0.400	0.000	0.000
RDT&E Articles Quantity				
Avionics Acoustics (including ALFS) processor development, integration and testing. Correct deficiencies encountered during testing and integration in support of DT-IID.				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	12.200	40.600	25.000	3.600
RDT&E Articles Quantity				
Avionics Block I Upgrade software and hardware development and integration effort to include: digital torpedo, integrated Satellite Communication Demand Assign Multiple Access Waveform (SATCOM DAMA), low light Multi-Spectral Targeting System Forward Looking Infrared (MTS FLIR) system, RADAR Low Probability of Intercept (LPI) mode development, Link 16, KU Band Tactical Common Data Link (TCDL) and Joint Mission Planning System (JMPS) migration.				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.300	2.600	0.400	
RDT&E Articles Quantity				
Airframe Block I Upgrade software and hardware development and integration for the right hand extended pylon.				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.000	6.800	6.244	4.820
RDT&E Articles Quantity				
Avionics Block I Upgrade engineering specialties, Integrated Logistics Support, Contractor Services Support, Systems Engineering, and Program Management as required.				

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EXHIBIT R-2a, RDT&E Project Justification			DATE: February 2005	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROJECT NUMBER AND NAME 1707 LAMPS III IMP		
B. Accomplishments/Planned Program				
	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	5.000	10.000	16.500	10.500
RDT&E Articles Quantity				
Avionics Mission Block I Upgrade Mission Testing and Evaluation efforts.				

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EXHIBIT R-2a, RDT&E Project Justification			DATE: February 2005	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME 0604216N (U) Multi-Mission Helicopter Upgrade Dev	PROJECT NUMBER AND NAME 1707 LAMPS III IMP		

C. PROGRAM CHANGE SUMMARY:

	FY 2004	FY 2005	FY 2006	FY 2007
Funding:				
Previous President's Budget:	76.141	78.757	48.224	18.912
Current BES/President's Budget	81.906	78.005	48.144	18.920
Total Adjustments	5.765	-0.752	-0.080	0.008
Summary of Adjustments				
Congressional program reductions				
Congressional undistributed reductions		-0.694		
Congressional rescissions				
SBIR/STTR Transfer	-1.576			
Other Adjustments		-0.058	-0.579	-0.396
Economic Assumptions	-0.071		0.499	0.404
Reprogrammings	7.412			
Congressional increases				
Subtotal	5.765	-0.752	-0.080	0.008

Schedule:

DT-IIID changed from 1Q -3Q FY03 to 1Q - 4Q FY04, and OT-IIA changed from 2Q - 3Q FY03 to 1Q - 2Q FY05, TECHEVAL changed from 1Q - 3Q FY04 to 1Q - 2Q FY05, OTRR changed from 3Q FY04 to 2Q - 3Q FY05, OPEVAL changed from 3Q FY04 through 1Q FY05 to 3Q - 4Q FY05, IOC changed from 4Q FY05 to 1Q FY06, and Milestone III (MS-III) was changed from 2Q/05 to 2Q/06 in accordance with the approved Acquisition Program Baseline (APB) dated 07 May 2004. The current schedule also reflects changes to Block-I test schedule: DT-IIIA changed from 2Q FY04 through 3Q FY06 to 2Q - 3Q FY06, OT-IIIA changed from 4Q FY06 through 2Q FY07 to 4Q FY06 to 1Q FY07 and DT-IIIB starting in 1Q - 2Q FY07 and OT-IIIB 2Q - 3Q FY07 was erroneously dropped from the schedule profile in PB05 submit. Block I has been changed from Block I Upgrade DT/OTIIIA to Block I Upgrade DT/OTIII A/B.

Technical:

Not Applicable.

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EXHIBIT R-2a, RDT&E Project Justification								DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5			PROGRAM ELEMENT NUMBER AND NAME PE 0604216N (U) Multi-Mission Helicopter Upgrade Dev			PROJECT NUMBER AND NAME 1707 LAMPS III IMP				

D. OTHER PROGRAM FUNDING SUMMARY:

<u>Line Item No. & Name</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>To Complete</u>	<u>Total Cost</u>
APN-1 (BLI - 018200)	327.258	363.286	554.499	916.218	966.443	1,133.407	1,181.658	1,228.247	2,525.869	9,196.885
APN-6 Initial Spares (BLI-060510)	17.999	55.056	101.019	14.782	1.284	1.399	1.249	1.405		194.193

Related RDT&E
 (U) PE 0604507N Enhanced Modular Signal Processor
 (U) PE 0604212N ASW & Other Helo Development (LAMPS MK-III Data Link)
 (U) PE 0604261N Acoustic Search Sensors
 (U) PE 0604216N H-60 Helicopter Components Preventative Maintenance Life Cycle Criteria (PMLCC). PU: 9215

E. ACQUISITION STRATEGY:

The MH-60R acquisition strategy has been revised based on the program restructure, which occurred in FY2002. The restructure encompassed a replan of the EMD-II contract resulting in a change in contract type from Cost Plus Fixed Fee (CPFF) to Cost Plus Award Fee (CPAF) and inclusion of Sikorsky in development efforts. The restructure also extended the test schedule, which will culminate in a Milestone III (MS-III) and Initial Operating Capability (IOC) in FY2005. The program includes an evolutionary acquisition Block I Upgrade effort which began in FY2004.

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Exhibit R-3 Cost Analysis (page 1)								DATE: February 2005				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-5			0604216N (U) Multi-Mission Helicopter Upgrade Dev			1707 LAMPS III IMP						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Pri Hdw Dev, Avionics	SS/CPAF	Lockheed Martin, Owego NY	603.437	8.160	12/04						611.597	611.597
Ancillary Hdw Dev, ALFS	SS/CPIF	Raytheon, Rhode Island	27.952								27.952	27.952
Pri Hdw Dev, Avionics Common Cockpit	SS/CPIF	Lockheed Martin, Owego NY	70.530								70.530	70.530
Pri Hdw Dev, Avionics Acoustics	SS/CPIF	Lockheed Martin, Owego NY	11.062	0.400	02/05						11.462	11.462
Pri Hdw Dev, Airframe TA	SS/CPAF	Sikorsky, Stratford, CT	61.920	0.518	01/05						62.438	62.438
Pri Hdw Dev, Airframe PADS	SS/CPIF	Sontech, Bedford, NH	17.769								17.769	17.769
GFE	BOA	Sikorsky, Stratford, CT	4.238								4.238	4.238
Pri Hdw Dev, Airframe Dyn Com Analysis	SS/CPIF	Sikorsky, Stratford, CT	10.999								10.999	10.999
Aircraft Integration (ATIRCM)	SS/CPFF	Lockheed Martin, Owego NY	3.964								3.964	3.964
Pri Hdw Dev, Avionics Block I	SS/CPAF	Lockheed Martin, Owego NY	5.400	40.600	01/05	25.000	TBD	3.600	TBD		74.600	74.600
Pri Hdw Dev, Airframe Block I	SS/CPAF	Sikorsky, Stratford, CT	0.300	2.600	01/05	0.400	TBD				3.300	3.300
Pri Hdw Dev, Avionics TC DL	845 OTA	Coast Systems Harris, FL	6.800								6.800	6.800
Award Fees	SS/CPAF	Lockheed Martin, Owego NY	2.226	0.640	03/05						2.866	2.866
Award Fees	SS/CPAF	Sikorsky, Stratford, CT	1.195	0.408	03/05						1.603	1.603
Subtotal Product Development			827.792	53.326		25.400		3.600		0.000	910.118	
Remarks:												
Of award fees in past award fee periods, Lockheed Martin was awarded 63% and Sikorsky Aircraft Corporation was awarded 79%.												

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Exhibit R-2a, RDTEN Project Justification
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Exhibit R-3 Cost Analysis (page 1)								DATE: February 2005				
APPROPRIATION/BUDGET ACTIVITY RDTE, N / BA-5			PROGRAM ELEMENT 0604216N (U) Multi-Mission Helicopter Upgrade Dev			PROJECT NUMBER AND NAME 1707 LAMPS III IMP						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Development Support	Various	Various	102.801	7.283	Various	5.688	TBD	3.708	TBD	3.945	123.425	
Software Development											0.000	
Integrated Logistics Support	Various	Various	12.566	0.000							12.566	
GFE	Various	Various	7.611								7.611	
Subtotal Support			122.978	7.283		5.688		3.708		3.945	143.602	
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)							DATE: February2005					
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5			PROGRAM ELEMENT 0604216N (U) Multi-Mission Helicopter Upgrade Dev			PROJECT NUMBER AND NAME 1707 LAMPS III IMP						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WX	NAWC-AD, Pax River	76.985								76.985	
Operational Test & Evaluation	WX	Various	3.226	4.316	Various						7.542	
Live Fire Test & Evaluation	WX	Various	2.221								2.221	
Block I Test & Evalutation	WX	NAWC-AD, Pax River	5.000	10.000	Various	16.500	TBD	10.500	TBD	10.400	52.400	
Subtotal T&E			87.432	14.316		16.500		10.500		10.400	139.148	
Remarks: Live Fire Test & Evaluation consists of the following performing activities & location: NAWCWD, China Lake, NADEP, Cherry Point and NAWCAD, Pax River.												
Contractor Engineering Support	Various	CECOM, Ft. Monmouth	3.296								3.296	
Engineering and Technical Services	Various	Various	11.619	0.938	Various	0.289	TBD	0.579	TBD		13.425	
Management and Prof Spt Serv	Various	MISC Activities	6.087	0.442	Various	0.100	TBD	0.200	TBD		6.829	
Travel	WX	NAWC-AD Pax River	6.154	1.700	Various	0.167	TBD	0.333	TBD		8.354	
Subtotal Management			27.156	3.080		0.556		1.112		0.000	31.904	
Remarks:												
Total Cost			1,065.358	78.005		48.144		18.920		14.345	1,224.772	
Remarks:												

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Exhibit R-2a, RDTEN Project Justification
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EXHIBIT R4, Schedule Profile																								DATE:											
APPROPRIATION/BUDGET ACTIVITY												PROGRAM ELEMENT NUMBER AND NAME												PROJECT NUMBER AND NAME											
RDT&E, N / BA-5												0604216N Multi-Mission Helicopter Upgrade Development												1707 MMH Upgrade Development											
Fiscal Year	2004				2005				2006				2007				2008				2009				2010				2011						
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Acquisition Milestones										★	△																								
Test & Evaluation Milestones																																			
Development Test	DT-IID				TECHEVAL																														
Operational Test																																			
Follow-on Test																																			
Production Milestones																																			
LRIP II FY 04																																			
LRIP III FY 05																																			
MS III/Lot-IV FY 06																																			
Deliveries																																			

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Termination Liability Funding
For Major Defense Acquisition Programs,
RDT&E Funding
(\$000)

Program	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
0604216N Multi-Mission Helicopter Upgrade Development	0	0	0	0	0	0	0	0

This program does not budget/fund termination liability separately. A Limitation of Funds (LoF) clause (FAR 52.232-22) is inserted in all incrementally funded R&D contracts. This clause is designed to limit the government's legal liability to the amount obligated.

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Exhibit R-2a, RDTEEN Project Justification
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EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2005	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi-Mission Helicopter Upgrade Dev			PROJECT NUMBER AND NAME 9548 AQS-22 Airborne Low Frequency Sonar (ALFS)			
COST (\$ in Millions)	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
Project Cost	0.000	1.632	0.000	0.000	0.000	0.000	0.000	0.000
RDT&E Articles Qty								
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>The AQS-22Airborne Low Frequency Sonar (ALFS) is the primary Undersea Warfare (USW) sensor of the MH-60R Multi-Mission Helicopter. Congressional Add.</p>								

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Exhibit R-2a, RD TEN Project Justification
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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi-Mission Helicopter Upgrade Dev	PROJECT NUMBER AND NAME 9548 AQS-22 Airborne Low Frequency Sonar (ALFS)																	
B. Accomplishments/Planned Program																			
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Accomplishments/Effort/Subtotal Cost	0.000	1.632	0.000	0.000															
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C. PROGRAM CHANGE SUMMARY:

	FY 2004	FY 2005	FY 2006	FY 2007
Funding:				
Previous President's Budget:	0.000	0.000	0.000	0.000
Current BES/President's Budget	0.000	1.632	0.000	0.000
Total Adjustments	0.000	1.632	0.000	0.000
Summary of Adjustments				
Congressional program reductions				
Congressional undistributed reductions		-0.068		
Congressional rescissions				
SBIR/STTR Transfer				
Economic Assumptions				
Reprogrammings				
Congressional increases		1.700		
Subtotal	0.000	1.632	0.000	0.000

Schedule:

Not applicable.

Technical:

Not applicable.

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D. OTHER PROGRAM FUNDING SUMMARY:

<u>Line Item No. & Name</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>To Complete</u>	<u>Total Cost</u>
APN-1 (BLI - 018200)	327.258	363.286	554.499	916.218	966.443	1,133.407	1,181.658	1,228.247	2,525.869	9,196.885
APN-6 Initial Spares (BLI-060510)	17.999	55.056	101.019	14.782	1.284	1.399	1.249	1.405		194.193
<p>Related RDT&E (U) 0604216N, H1707, MH-60R Multi-Mission Helicopter Upgrade Development</p>										

E. ACQUISITION STRATEGY:

Establish a U. S. based production capability for the ALFS wet end subsystem

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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2005	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi-Mission Helicopter Upgrade Dev			PROJECT NUMBER AND NAME 9549 Multi-Mission Helicopter Legacy Subsystems Improvement			
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project Cost	0.000	1.684	0.000	0.000	0.000	0.000	0.000	0.000
RDT&E Articles Qty								
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>The Legacy Subsystems Improvement is for the research, design and development of improved subsystems on the MH-60R Multi-Mission Helicopter. Congressional Add.</p>								

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EXHIBIT R-2a, RDT&E Project Justification			DATE: February 2005																
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi-Mission Helicopter Upgrade Dev	PROJECT NUMBER AND NAME 9549 Multi-Mission Helicopter Legacy Subsystems Improvement																	
B. Accomplishments/Planned Program																			
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RDT&E Articles Quantity																			
<div style="border: 1px solid black; padding: 5px; min-height: 60px;">Multi-Mission Helicopter Legacy Subsystems Improvement to include: research, design and development of improved subsystems on the MH-60R program. Requirements include removal of flotation bag provisions and introduction of center console manufacturing innovations. Example tasks include design of a new modular sonobuoy launcher, removal of flotation bag provisions from main landing gear stub wings, center console manufacturing improvements, rast probe lighting, as well as various manufacturing/integration issues.</div>																			
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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi-Mission Helicopter Upgrade Development	PROJECT NUMBER AND NAME 9549 Multi-Mission Helicopter Legacy Subsystems Improvement		

C. PROGRAM CHANGE SUMMARY:

Funding:	FY 2004	FY 2005	FY 2006	FY 2007
Previous President's Budget:	0.000	0.000	0.000	0.000
Current BES/President's Budget	0.000	1.684	0.000	0.000
Total Adjustments	0.000	1.684	0.000	0.000
Summary of Adjustments				
Congressional program reductions				
Congressional undistributed reductions		-0.016		
Congressional rescissions				
SBIR/STTR Transfer				
Economic Assumptions				
Reprogrammings				
Congressional increases		1.700		
Subtotal	0.000	1.684	0.000	0.000

Schedule:

Not applicable.

Technical:

Not applicable.

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			February 2005

APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-5	0604216N Multi-Mission Helicopter Upgrade Development	9549 Multi-Mission Helicopter Legacy Subsystems Improvement

D. OTHER PROGRAM FUNDING SUMMARY:

<u>Line Item No. & Name</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>To Complete</u>	<u>Total Cost</u>
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Related RDT&E

(U) 0604216N, H1707, MH-60R Multi-Mission Helicopter Upgrade Development

E. ACQUISITION STRATEGY:

Acquisition strategy is to address the issue of the obsolete legacy kits /ancillary systems and their update and integration, as well as various manufacturing issues. Example tasks include design of a new modular sonobuoy launcher, removal of flotation bag provisions from main landing gear stub wings, center console manufacturing improvements, rast probe lighting, as well as various manufacturing/integration issues.

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