

EXHIBIT R-2, RDT&E Budget Item Justification							DATE: February 2003	
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-5					R-1 ITEM NOMENCLATURE 0604216N Multi-Mission Helicopter Upgrade Development			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	141.446	92.831	76.998	79.152	48.587	19.230	14.331	0.228
H1707 MMH Upgrade Development	129.468	87.012	76.998	79.152	48.587	19.230	14.331	0.228
H3053 MH-60S AMCM	11.978							
H9215 MH-60 PMLCC		3.325						
H9216 MH-60 Helicopter FLIR		2.494						

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.

H1707 - 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. FY02 reflects remanufacture of MH-60R. FY03 and out reflects a new production procurement strategy.

H3053 - 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 system will provide Carrier Battle Groups (CVBGs) and Amphibious Readiness Groups (ARGs) with an OAMCM capability.

H9215 - The MH-60R Multi-Mission Helicopter Preventative Maintenance Life Cycle Criteria (PMLCC) (Congressional Add)).

H9216 - The MH-60R Multi-Mission Helicopter FLIR housing configuration (Congressional Add).

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EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2003	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROGRAM ELEMENT NUMBER AND NAME PE 0604216N Multi-Mission Helicopter Upgrade Development			PROJECT NUMBER AND NAME H1707 MMH Upgrade Development			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost	129.468	87.012	76.998	79.152	48.587	19.230	14.331	0.228
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 H1707.

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. FY02 reflect remanufacture of MH-60R. FY03 and out reflects a new production procurement strategy. The MH-60R will be implementing Block Upgrades as part of its evolutionary acquisition strategy.

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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME PE 0604216N Multi-Mission Helicopter Upgrade Develop	PROJECT NUMBER AND NAME H1707 MMH Upgrade Development

B. Accomplishments/Planned Program

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	77.746	52.100	26.400	8.800
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 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	10.982	12.460	5.825	0.926
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 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	16.460	9.759	6.443	4.710
RDT&E Articles Quantity				

Avionics engineering specialties, Integrated Logistics Support, Contractor Services Support, System Engineering, Program Management and Travel as required to support the MH-60R developmental program and test activities (DT-IIC).

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	13.805	12.193	11.130	4.316
RDT&E Articles Quantity				

MH-60R Mission Avionics testing.

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B. Accomplishments/Planned Program

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	3.475	0.500	0.400	0.400
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 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	7.000			
RDT&E Articles Quantity				

Airframe Dynamic Component engineering and Logistics evaluation and analysis of impacts to the MH-60R design. Continued to build test coupons and perform certification testing.

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost			17.500	40.600
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, and Joint Mission Planning System (JMPS) migration.

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost			1.800	2.600
RDT&E Articles Quantity				

Airframe Block I Upgrade software and hardware development and integration for the right hand extended pylon.

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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME PE 0604216N Multi-Mission Helicopter Upgrade Develop	PROJECT NUMBER AND NAME H1707 MMH Upgrade Development

B. Accomplishments/Planned Program

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost			2.500	6.800
RDT&E Articles Quantity				

Avionics Block I Upgrade engineering specialties, Integrated Logistics Support, Contractor Services Support, Systems Engineering, and Program Management as required.

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost			5.000	10.000
RDT&E Articles Quantity				

Avionics Mission Block I Upgrade Mission Testing and Evaluation efforts.

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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 H1707 MMH Upgrade Development			
C. PROGRAM CHANGE SUMMARY:					
Funding:		FY 2002	FY 2003	FY 2004	FY 2005
Previous President's Budget:		135.381	88.969	52.199	21.053
Current BES/President's Budget		129.468	87.012	76.998	79.152
Total Adjustments		-5.913	-1.957	24.799	58.099
Summary of Adjustments					
Congressional program reductions					
Congressional undistributed reductions			-0.530		
Congressional rescissions		-0.289			
SBIR/STTR Transfer		-2.928			
Economic Assumptions		-0.362	-1.427	-1.917	-1.740
Reprogrammings		-2.334			
Other Navy/OSD Adjustments				26.716	59.839
Congressional increases					
Subtotal		-5.913	-1.957	24.799	58.099
Schedule:					
Milestone III (MS-III) was changed from 3Q/05 to 2Q/05 in accordance with the approved Acquisition Program Baseline (APB) dated 14 March 2002. The current schedule reflects the addition of Lockheed Martin contract award for the Block-I Upgrade effort planned for 2Q/04, the Sikorsky contract award planned for 2Q/04, the addition of Block-I DT-III testing planned for 2Q/04-3Q/06, and OT-III testing planned for 4Q/06-2Q/07.					
Technical:					
Not Applicable.					

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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME PE 0604216N Multi-Mission Helicopter Upgrade Dev	PROJECT NUMBER AND NAME H1707 MMH Upgrade Development
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D. OTHER PROGRAM FUNDING SUMMARY:

<u>Line Item No. & Name</u>	<u>FY 2002</u>	<u>FY 2003</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>To Complete</u>	<u>Total Cost</u>
APN-1 (BLI - 018200)	14.428	116.960	398.529	431.743	604.193	807.843	1,116.066	1,141.259	3,413.819	8,321.844
APN-6 Initial Spares (BLI-060510)	0.000	0.000	54.719	64.594	89.320	65.706	88.715	0.623	0.000	375.940

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: H9215
- (U) PE 0604216N H-60 Helicopter FLIR Housing Configuration. PU: 9216

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 is scheduled to begin in FY2004.

F. MAJOR PERFORMERS:

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Exhibit R-3 Cost Analysis (page 1)							DATE: February 2003					
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-5			0604216N Multi-Mission Helicopter Upgrade Dev			H1707 MMH Upgrade Development						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Development Support	Various	Various	103.679	3.004	02/03	1.212	12/03	4.808	12/04	9.808	122.511	
Software Development											0.000	
Integrated Logistics Support	Various	Various	12.566	1.376	02/03	1.712	12/03	0.441	12/04		16.095	
GFE	Various	Various	7.138								7.138	
Subtotal Support			123.383	4.380		2.924		5.249		9.808	145.744	
Remarks:												

CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 2)										DATE: February 2003		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NUMBER AND NAME					
RDT&E, N / BA-5			0604216N Multi-Mission Helicopter Upgrade Dev				H1707 MMH Upgrade Development					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WX	Various	41.151	12.060	12/02	9.279	12/03				62.490	
Operational Test & Evaluation	WX	NAWC-AD, Pax River	0.961		12/02	1.755	12/03	4.316	12/04		7.032	
Live Fire Test & Evaluation	WX	NAWC-WD, China Lake	1.752	0.133	12/02	0.096	12/03				1.981	
Block I Test & Evaluation	WX	NAWC-AD, Pax River				5.000	12/03	10.000	12/04	36.700	51.700	
Subtotal T&E			43.864	12.193		16.130		14.316		36.700	123.203	
Remarks:												
Contractor Engineering Support	MIPR	CECOM, Ft. Monmouth, NJ	3.296								3.296	
Government Engineering Support	RX	NAWC-AD Pax River	5.233	2.209	12/02	3.019	12/03	3.312	12/04		13.773	
Program Management Support	RX	MISC Activities	5.870	1.470	12/02	1.300	12/03	1.249	12/04	1.168	11.057	
Travel	WX	NAWC-AD Pax River	4.200	1.700	10/02	1.700	10/03	1.700	10/04	0.500	9.800	
SBIR Assessment												
Subtotal Management			18.599	5.379		6.019		6.261		1.668	37.926	
Remarks:												
Total Cost			901.438	87.012		76.998		79.152		82.376	1,226.976	
Remarks:												

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EXHIBIT R4, Schedule Profile																								DATE: February 2003								
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5								PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi-Mission Helicopter Upgrade Development								PROJECT NUMBER AND NAME H1707 MMH Upgrade Development																
Fiscal Year	2002				2003				2004				2005				2006				2007				2008				2009			
	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	LMSI EMD-II REPLAN contract award △				SAC WSIT EMD-II contract award △				LMSI Block-1 Upgrade △				SAC Block-1 Upgrade △				MSC △				IOC ★											
Test & Evaluation Milestones	DT-IIC				DT-IID				TECHEVAL				Block - 1 Upgrade DT-III A																			
Development Test	[Bar]				[Bar]				[Bar]				[Bar]																			
Operational Test					OT-IIA [Bar]				OT-III A [Bar]				OPEVAL [Bar]				Complete OPEVAL ★				Block - 1 Upgrade OT-III A [Bar]											
Production Milestones									LRIP II Start △				FRP Start △				[Bar]				[Bar]											
LRIP II FY 04									[Bar]				[Bar]				[Bar]				[Bar]											
FRP Milestone C FY 05													[Bar]				[Bar]				[Bar]											
Deliveries																	LRIP II (6) ↓				FRP/Lot 3 (10) ↓											

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* Not required for Budget Activities 1, 2, 3, and 6

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EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2003	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi-Mission Helicopter Upgrade Dev			PROJECT NUMBER AND NAME H9215 H-60 Helicopter Preventative Maintenance Life Cycle Criteria (PMLC)			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost		3.325						
RDT&E Articles Qty								

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

H-60 Helicopter Components Preventative Maintenance Life Cycle Criteria (PMLCC) (Congressional Add). Engineering and Evaluation to assess criteria and development of component upgrades for Life Extension. This program provides funding for engineering and evaluations necessary to assess the Dynamic Components of the aircraft for substantiation of life cycle limitations and/or apply advanced design manufacturing and materials for the extension for component life.

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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 H9215 H-60 Helicopter Preventative Maintenance Life Cycle Criteria (PMLCC)

B. Accomplishments/Planned Program

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost		3.325		
RDT&E Articles Quantity				

Preventative Maintenance Life Cycle Criteria (PMLCC) of H-60 Helicopter Components (Congressional Add).

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost				
RDT&E Articles Quantity				

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost				
RDT&E Articles Quantity				

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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 H9215 H-60 Helicopter Preventative Maintenance Life Cycle Criteria (PMLCC)			
C. PROGRAM CHANGE SUMMARY:					
Funding:		FY 2002	FY 2003	FY 2004	FY 2005
Previous President's Budget:		0.000	0.000	0.000	0.000
Current BES/President's Budget		0.000	3.325	0.000	0.000
Total Adjustments		0.000	3.325	0.000	0.000
Summary of Adjustments					
Congressional program reductions					
Congressional undistributed reductions			-0.020		
Congressional rescissions					
SBIR/STTR Transfer					
Economic Assumptions			-0.055		
Reprogrammings					
Congressional increases			3.400		
Other Navy/OSD Adjustment					
Subtotal		0.000	3.325	0.000	0.000
Schedule:					
Not applicable.					
Technical:					
Not applicable.					

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EXHIBIT R-2a, RDT&E Project Justification	DATE: February 2003
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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME 0604216N Multi-Mission Helicopter Upgrade Developmer	PROJECT NUMBER AND NAME H9215 H-60 Helicopter Preventative Maintenance Life Cycle Criteria (PMLCC)
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D. OTHER PROGRAM FUNDING SUMMARY:

<u>Line Item No. & Name</u>	<u>FY 2002</u>	<u>FY 2003</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>To Complete</u>	<u>Total Cost</u>
APN-1 (BLI - 018200)	14.428	116.960	398.529	431.743	604.193	807.843	1,116.066	1,141.259	3,413.819	8,321.844
APN-6 Initial Spares (BLI-060510)	0.000	0.000	54.719	64.594	89.320	65.706	88.715	0.623	0.000	375.940

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

E. ACQUISITION STRATEGY:

F. MAJOR PERFORMERS:

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Exhibit R-3 Cost Analysis (page 2)										DATE: February 2003		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NUMBER AND NAME					
RDT&E, N / BA-5			0604216N Multi-Mission Helicopter Upgrade Dev				H9215 H-60 Helicopter Preventative Maintenance Life Cycle Criteria (PMLCC)					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Subtotal T&E			0.000	0.000		0.000		0.000		0.000	0.000	
Remarks:												
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	
Remarks:												
Total Cost			0.000	3.325		0.000		0.000		0.000	3.325	
Remarks:												

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EXHIBIT R4, Schedule Profile																								DATE: February 2003												
APPROPRIATION/BUDGET ACTIVITY								PROGRAM ELEMENT NUMBER AND NAME								PROJECT NUMBER AND NAME																				
RDT&E, N / BA-5								0604216N Multi-Mission Helicopter Upgrade Development								H9215 H-60 Helicopter Preventative Maintenance Life Cycle Creteria (PMLCC)																				
Fiscal Year	2002				2003				2004				2005				2006				2007				2008				2009							
	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							△	CTC contract award						☆	Delivery																					

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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 H9216 H-60 Helicopter FLIR Housing Configuration			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost		2.494						
RDT&E Articles Qty								

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

H-60 Helicopter FLIR Housing Configuration (Congressional Add). The configuration design of the MH-60 poses operational and pre-mature failure issues. Current design requires the Forward Looking Infrared (FLIR) to be mounted upside down from its intended design. This configuration precludes a look down capability for the FLIR and has allowed water penetration, which is causing corrosion on internal components. A design of the aircraft nose/FLIR interface that would provide for look down FLIR capability and thus improved operational reliability is needed. This funding will attempt to achieve commonality of the design for the MH-60 series helicopters. The design would also include considerations to improve the longitudinal center of gravity of the aircraft-shifting it forward. The design would be an integrated aircraft structure that could be manufactured as a kit for assembly to the main aircraft structure.

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B. Accomplishments/Planned Program

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost		2.494		
RDT&E Articles Quantity				

H-60 Helicopter FLIR Housing Configuration (Congressional Add).

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost				
RDT&E Articles Quantity				

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost				
RDT&E Articles Quantity				

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C. PROGRAM CHANGE SUMMARY:					
Funding:		FY 2002	FY 2003	FY 2004	FY 2005
Previous President's Budget:		0.000	0.000	0.000	0.000
Current BES/President's Budget		0.000	2.494	0.000	0.000
Total Adjustments		0.000	2.494	0.000	0.000
Summary of Adjustments					
Congressional program reductions					
Congressional undistributed reductions			-0.015		
Congressional rescissions					
SBIR/STTR Transfer					
Economic Assumptions			-0.041		
Reprogrammings					
Congressional increases			2.550		
Other Navy/OSD Adjustments					
Subtotal		0.000	2.494	0.000	0.000
Schedule:					
Not applicable.					
Technical:					
Not applicable.					

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Exhibit R-3 Cost Analysis (page 2)										DATE: February 2003		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NUMBER AND NAME					
RDT&E, N / BA-5			0604216N Multi-Mission Helicopter Upgrade Dev				H9216 H-60 Helicopter FLIR Housing Configuration					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Subtotal T&E			0.000	0.000		0.000		0.000		0.000	0.000	
Remarks:												
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	
Remarks:												
Total Cost			0.000	2.494		0.000		0.000		0.000	2.494	
Remarks:												

R-1 SHOPPING LIST - Item No. 91

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R4, Schedule Profile																								DATE: February 2003												
APPROPRIATION/BUDGET ACTIVITY								PROGRAM ELEMENT NUMBER AND NAME								PROJECT NUMBER AND NAME																				
RDT&E, N / BA-5								0604216N Multi-Mission Helicopter Upgrade Development								H9216 H-60 Helicopter FLIR Housing Configuration																				
Fiscal Year	2002				2003				2004				2005				2006				2007				2008				2009							
	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							△	CTC contract award							☆	Delivery																				

R-1 SHOPPING LIST - Item No. 91

* Not required for Budget Activities 1, 2, 3, and 6

