

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification							DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-5					R-1 ITEM NOMENCLATURE 0604273N, VH71A Executive Helo Development			
COST (\$ in Millions)	FY 2008	FY 2009	FY 2010					
Total PE Cost	226.494	831.802	85.240					
3058 VH-71 Replacement Helo Increment One	226.494	732.671	55.240					
3065 VH-71 Replacement Helo Increment Two	0.000	99.131	0.000					
3300 Presidential Helicopter VXX	0.000	0.000	30.000					
A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:								
<p>3058 - Marine Helicopter Squadron One (HMX-1) is required to provide safe and timely transportation for the President and Vice President of the United States, heads of state and others as directed by the White House Military Office (WHMO). Currently two Type, Model, Series (TMS) aircraft are used by HMX-1 for the Presidential support mission – the VH-3D and the VH-60N. The VH-71 program provides the replacement helicopter for the VH-3D and VH-60N. In order for the VH-71 to be available to most effectively assume Presidential vertical lift mission by FY10, two Increments were to be developed. Increment 1 was to provide an initial limited capability to fulfill the immediate need Presidential lift requirement. Three (3) test article aircraft, system design and development (SDD) efforts, maintenance trainers, and associated logistics were initiated in 2005 for Increment 1. Included in the SDD contract were five (5) Increment 1 pilot production aircraft to support Initial Operational Capability (IOC). Due to increased cost and schedule growth the Secretary of Defense directed cancellation of the current VH-71 program and to initiate a new start program. FY2010 funding supports execution of the Secretary of Defense's decision.</p> <p>3065 - Marine Helicopter Squadron One (HMX-1) is required to provide safe and timely transportation for the President and Vice President of the United States, heads of state and others as directed by the White House Military Office (WHMO). Currently two Type, Model, Series (TMS) aircraft are used by HMX-1 for the Presidential support mission – the VH-3D and the VH-60N. The VH-71 program provides the replacement helicopter for the VH-3D and VH-60N. In order for the VH-71 to be available to most effectively assume Presidential vertical lift mission by FY10, two Increments were to be developed. Increment 2 was to be developed to complete all of the Presidential support requirements. Two test articles were to be procured in FY09 to accommodate air vehicle structural differences between Increment 1 and 2 (main gear box, drive train, engines, tail unit and main rotor blades). The second test vehicle was to be procured instead of pursuing the planned modifications to one of the Increment 1 test vehicles due to the extent of the air vehicle structural differences. Due to increased cost and schedule growth the Secretary of Defense directed cancellation of the current VH-71 program and to initiate a new start program. FY2010 funding supports execution of the Secretary of Defense's decision.</p> <p>3300 - Marine Helicopter Squadron One (HMX-1) is required to provide safe and timely transportation for the President and Vice President of the United States, heads of state and others as directed by the White House Military Office (WHMO). Currently two Type, Model, Series (TMS) aircraft are used by HMX-1 for the Presidential support mission – the VH-3D and the VH-60N. The VXX Executive Helicopter Replacement Program is a new start program in FY10 to replace the VH-3D and VH-60N based on the decision from the Secretary of Defense to cancel the VH-71 program. An acquisition strategy for the VXX program is being established. FY10 funding includes pre-MS A risk reduction activities, capability based assessments, Concept of Operations (CONOPS) development, trade study analysis, specification development, system concept development and threat analysis leading to a FY11 Material Development Decision (MDD)/ program start.</p>								

R-1 SHOPPING LIST - Item No. 95

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APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-5	R-1 ITEM NOMENCLATURE 0604273N, VH71A Executive Helo Development																																													
<p>B. PROGRAM CHANGE SUMMARY:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Funding:</th> <th style="text-align: right;">FY 2008</th> <th style="text-align: right;">FY 2009</th> <th style="text-align: right;">FY 2010</th> </tr> </thead> <tbody> <tr> <td>FY09 President's Budget:</td> <td style="text-align: right;">225.391</td> <td style="text-align: right;">1,047.835</td> <td style="text-align: right;">212.947</td> </tr> <tr> <td>FY10 President's Budget:</td> <td style="text-align: right;">226.494</td> <td style="text-align: right;">831.802</td> <td style="text-align: right;">85.240</td> </tr> <tr> <td>Total Adjustments</td> <td style="text-align: right; border-top: 1px solid black;">1.103</td> <td style="text-align: right; border-top: 1px solid black;">-216.033</td> <td style="text-align: right; border-top: 1px solid black;">-127.707</td> </tr> <tr> <td colspan="4" style="padding-top: 10px;">Summary of Adjustments</td> </tr> <tr> <td> Congressional Rescissions</td> <td></td> <td></td> <td></td> </tr> <tr> <td> Congressional Adjustments</td> <td></td> <td style="text-align: right;">-213.772</td> <td></td> </tr> <tr> <td> SBIR/STTR/FTT Assessments</td> <td style="text-align: right;">-0.412</td> <td></td> <td></td> </tr> <tr> <td> Program Adjustments</td> <td style="text-align: right;">1.515</td> <td></td> <td style="text-align: right;">-127.678</td> </tr> <tr> <td> Rate/Misc Adjustments</td> <td></td> <td style="text-align: right;">-2.261</td> <td style="text-align: right;">-0.029</td> </tr> <tr> <td>Subtotal</td> <td style="text-align: right; border-top: 1px solid black;">1.103</td> <td style="text-align: right; border-top: 1px solid black;">-216.033</td> <td style="text-align: right; border-top: 1px solid black;">-127.707</td> </tr> </tbody> </table> <p style="margin-top: 20px;">Schedule:</p> <p style="margin-top: 20px;">FY09 and FY10 funds were adjusted due to execution associated with concurrency with Increment 1 & Increment 2 development, design, and production. The Secretary of Defense directed cancellation of the VH-71 program due to increased cost and schedule growth. A new acquisition strategy for a replacement program is in the process of being developed.</p> <p style="margin-top: 20px;">Technical:</p> <p style="margin-top: 20px;">FY09 and FY10 funds were adjusted due to execution associated with concurrency with Increment 1 & Increment 2 development, design, and production. The Secretary of Defense directed cancellation of the VH-71 program due to increased cost and schedule growth. A new acquisition strategy for a replacement program is in the process of being developed along with a review of capabilities and CONOPS.</p>			Funding:	FY 2008	FY 2009	FY 2010	FY09 President's Budget:	225.391	1,047.835	212.947	FY10 President's Budget:	226.494	831.802	85.240	Total Adjustments	1.103	-216.033	-127.707	Summary of Adjustments				Congressional Rescissions				Congressional Adjustments		-213.772		SBIR/STTR/FTT Assessments	-0.412			Program Adjustments	1.515		-127.678	Rate/Misc Adjustments		-2.261	-0.029	Subtotal	1.103	-216.033	-127.707
Funding:	FY 2008	FY 2009	FY 2010																																											
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EXHIBIT R-2a, RDT&E Project Justification							DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROGRAM ELEMENT NUMBER AND NAME 0604273N, VH71A Executive Helo Development			PROJECT NUMBER AND NAME 3058, VH-71 Replacement Helo Increment One			
COST (\$ in Millions)	FY 2008	FY 2009	FY 2010					
Project Cost	226.494	732.671	55.240					
RDT&E Articles Qty								

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

Marine Helicopter Squadron One (HMX-1) is required to provide safe and timely transportation for the President and Vice President of the United States, heads of state and others as directed by the White House Military Office (WHMO). Currently two Type, Model, Series (TMS) aircraft are used by HMX-1 for the Presidential support mission – the VH-3D and the VH-60N. The VH-71 program provides the replacement helicopter for the VH-3D and VH-60N. In order for the VH-71 to be available to most effectively assume Presidential vertical lift mission by FY10, two Increments were to be developed. Increment 1 was to provide an initial limited capability to fulfill the immediate need Presidential lift requirement. Three (3) test article aircraft, system design and development (SDD) efforts, maintenance trainers, and associated logistics were initiated in 2005 for Increment 1. Included in the SDD contract were five (5) Increment 1 pilot production aircraft to support Initial Operational Capability (IOC). Due to increased cost and schedule growth the Secretary of Defense directed cancellation of the current VH-71 program and to initiate a new start program. FY2010 funding supports execution of the Secretary of Defense's decision.

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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME 0604273N, VH71A Executive Helo Development	PROJECT NUMBER AND NAME 3058, VH-71 Replacement Helo Increment One		
B. Accomplishments/Planned Program				
PROGRAM MANAGEMENT AND SUPPORT				
	FY 2008	FY 2009	FY 2010	
Accomplishments/Effort/Subtotal Cost	42.348	33.016	5.082	
RDT&E Articles Quantity				
<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> <p>Previous FY funding was for in-house, field activity, and contractor support of VH-71 Integrated Product Teams (IPTs) activities. FY10 funding covers the Secretary of Defense's decision to cancel the current VH-71 program. Efforts include, but are not limited to, government integrated logistics support, program management support, systems engineering support, technical pubs, and travel for VH-71 program.</p> </div>				
TEST AND EVALUATION				
	FY 2008	FY 2009	FY 2010	
Accomplishments/Effort/Subtotal Cost	17.852	13.176		
RDT&E Articles Quantity				
<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> <p>Previous funding was for Test and Evaluation of test article aircraft, pilot production aircraft, and SDD assets, including Live Fire Test and Evaluation.</p> </div>				
PRODUCT DEVELOPMENT				
	FY 2008	FY 2009	FY 2010	
Accomplishments/Effort/Subtotal Cost	166.294	686.479	50.158	
RDT&E Articles Quantity				
<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> <p>Contract award was for initial test article aircraft, fatigue test article, long-lead pilot production aircraft efforts, System Design and Development (SDD) work efforts, and support of training systems efforts including but not limited to, aircrew/pilot trainers, training curriculum, and requisite training support. FY10 funding covers the Secretary of Defense's decision to cancel the current VH-71 program.</p> </div>				

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C. OTHER PROGRAM FUNDING SUMMARY:		
<u>Line Item No. & Name</u>	<u>FY 2008</u>	<u>FY 2009</u> <u>FY 2010</u>
Not Applicable.		
D. ACQUISITION STRATEGY:		
The VH-71 program was designated an ACAT ID program. The program received milestone B/C approval from OUSD (AT&L) on 27 JAN 2005 and subsequently awarded an SDD contract to LMSI on 28 JAN 2005. The Secretary of Defense directed cancellation of the VH-71 program due to increased cost and schedule growth. A new acquisition strategy for a replacement program is in the process of being developed.		

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Exhibit R-3 Cost Analysis (page 1)								DATE: May 2009					
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME							
RDT&E, N / BA-5			0604273N, VH71A Executive Helo Development			3058, VH-71 Replacement Helo Increment One							
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 2009 Cost	FY2009 Award Date	FY 2010 Cost	FY 2010 Award Date						
PRODUCT DEVELOPMENT													
Primary Hardware Development	C-CPAF	LOCKHEED MARTIN CORP, OWEGO, NY	2,028.550	679.671	11/08	50.000	03/09						
Systems Engineering	WX	NAWCAD, PATUXENT RIVER MD	11.817	0.500	11/08								
Training Development	C-CPAF	LOCKHEED MARTIN CORP, OWEGO, NY	4.989										
Training Development	VARIOUS	VARIOUS		29.975	11/08	0.158	11/09						
Subtotal Product Development			2,045.356	710.146		50.158							
Remarks: Covers the Secretary of Defense's decision to cancel the current VH-71 program.													
SUPPORT													
Development Support Equipment	VARIOUS	VARIOUS	21.655	0.200	11/08	0.041	11/09						
Integrated Logistics	WX	NADEP, CHERRY POINT NC	3.502	0.250	11/08	0.655	11/09						
Integrated Logistics	WX	NAWCAD, LAKEHURST NJ	7.525	0.500	11/08	0.643	11/09						
Integrated Logistics	WX	NAWCAD, PATUXENT RIVER MD	13.527	0.750	11/08								
Integrated Logistics	VARIOUS	VARIOUS	11.808	0.300	11/08	0.196	11/09						
Studies & Analyses	C-FFP	LOCKHEED MARTIN CORP, OWEGO, NY	87.423										
Studies & Analyses	C-FFP	SIKORSKY, AIRCRAFT, CT	87.422										
Studies & Analyses	WX	NAWCAD, PATUXENT RIVER MD	2.180										
Subtotal Support			235.042	2.000		1.535							
Remarks: Covers the Secretary of Defense's decision to cancel the current VH-71 program.													

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Exhibit R-3 Cost Analysis (page 2)										DATE: May 2009			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5				PROGRAM ELEMENT 0604273N, VH71A Executive Helo Development				PROJECT NUMBER AND NAME 3058, VH-71 Replacement Helo Increment One					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 2009 Cost	FY2009 Award Date	FY 2010 Cost	FY 2010 Award Date						
TEST & EVALUATION													
Developmental Test & Evaluation	WX	NAWCAD, PATUXENT RIVER MD	25.162	10.400	11/08								
Developmental Test & Evaluation	VARIOUS	VARIOUS	20.042	1.500	11/08								
Live Fire Test & Evaluation	WX	NAWCWD, CHINA LAKE CA	14.086	5.100	11/08								
Subtotal T&E			59.290	17.000									
Remarks:													
MANAGEMENT													
Contractor Engineering Support	VARIOUS	VARIOUS	10.333	0.613	12/08								
Government Engineering Support	WX	NAWCAD, PATUXENT RIVER MD	57.731	1.250	11/08								
Government Engineering Support	VARIOUS	VARIOUS	3.389	0.300	12/08	1.337	11/09						
Program Management Support	WX	NAWCAD, PATUXENT RIVER MD	31.347	1.000	11/08	1.324	11/09						
Program Management Support	VARIOUS	VARIOUS	24.395	0.250	12/08	0.836	11/09						
Transportation	VARIOUS	VARIOUS	1.071	0.012	11/08								
Travel	VARIOUS	NAVAIR, PATUXENT RIVER MD	1.926	0.100	10/08	0.050	10/09						
Subtotal Management			130.192	3.525		3.547							
Remarks: Covers the Secretary of Defense's decision to cancel the current VH-71 program.													
Total Cost			2,469.880	732.671		55.240							
Remarks:													

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EXHIBIT R4, Schedule Profile													DATE: May 2009									
APPROPRIATION/BUDGET ACTIVITY					PROGRAM ELEMENT NUMBER AND NAME					PROJECT NUMBER AND NAME												
RDT&E, N / BA-5					0604273N, VH71A Executive Helo Development					3058, VH-71 Replacement Helo Increment One												
Fiscal Year	2008				2009				2010													
	1	2	3	4	1	2	3	4	1	2	3	4										
Acquisition Milestones																						
RDT&E Contract Awards																						
SDD Design & Development				Increment 1																		
Test Aircraft Build (3 a/c)																						
Deliveries (3 a/c)																						
Pilot Production Build (5 a/c)																						
Deliveries (5 a/c)																						
Test & Evaluation Milestones																						
Integrated Test Program Increment 1				Increment 1	Integrated																	
Trainers				Pilot/Maint	Trainers																	

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Exhibit R-4a, Schedule Detail				DATE: May 2009
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT 0604273N, VH71A Executive Helo Development		PROJECT NUMBER AND NAME 3058, VH-71 Replacement Helo Increment One	
Schedule Profile	FY 2008	FY 2009	FY 2010	
SDD Design and Development	1Q-4Q	1Q-3Q		
Test Aircraft Build (3 a/c)	1Q-4Q	1Q-3Q		
Increment 1 Test Aircraft Delivery	1Q			
Pilot Production Build (5 a/c)	1Q-4Q	1Q		
Integrated test program (Increment 1)	1Q-4Q	1Q-3Q		
Pilot/maintenance Trainers	1Q-4Q	1Q-3Q		

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EXHIBIT R-2a, RDT&E Project Justification							DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROGRAM ELEMENT NUMBER AND NAME 0604273N, VH71A Executive Helo Development			PROJECT NUMBER AND NAME 3065, VH-71 Replacement Helo Increment Two			
COST (\$ in Millions)	FY 2008	FY 2009	FY 2010					
Project Cost	0.000	99.131	0.000					
RDT&E Articles Qty								
<p>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>Marine Helicopter Squadron One (HMX-1) is required to provide safe and timely transportation for the President and Vice President of the United States, heads of state and others as directed by the White House Military Office (WHMO). Currently two Type, Model, Series (TMS) aircraft are used by HMX-1 for the Presidential support mission – the VH-3D and the VH-60N. The VH-71 program provides the replacement helicopter for the VH-3D and VH-60N. In order for the VH-71 to be available to most effectively assume Presidential vertical lift mission by FY10, two Increments were to be developed. Increment 2 was to be developed to complete all of the Presidential support requirements. Two test articles were to be procured in FY09 to accommodate air vehicle structural differences between Increment 1 and 2 (main gear box, drive train, engines, tail unit and main rotor blades). The second test vehicle was to be procured instead of pursuing the planned modifications to one of the Increment 1 test vehicles due to the extent of the air vehicle structural differences. Due to increased cost and schedule growth the Secretary of Defense directed cancellation of the current VH-71 program and to initiate a new start program. FY2010 funding supports execution of the Secretary of Defense's decision.</p>								

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B. Accomplishments/Planned Program			
PROGRAM MANAGEMENT AND SUPPORT			
	FY 2008	FY 2009	FY 2010
Accomplishments/Effort/Subtotal Cost		48.100	
RDT&E Articles Quantity			
<p>In-house, field activity, and contractor support of VH-71 Integrated Product Teams (IPTs) activities. Efforts include, but are not limited to, government development support, integrated logistics support, engineering support, program management support, systems engineering support, support equipment, technical pubs, and travel for VH-71 program. The Secretary of Defense directed cancellation of the VH-71 program due to increased cost and schedule growth.</p>			
TEST AND EVALUATION			
	FY 2008	FY 2009	FY 2010
Accomplishments/Effort/Subtotal Cost		4.600	
RDT&E Articles Quantity			
<p>Test and Evaluation of test article aircraft, pilot production aircraft, and SDD assets, including Live Fire Test and Evaluation. The Secretary of Defense directed cancellation of the VH-71 program due to increased cost and schedule growth.</p>			
PRODUCT DEVELOPMENT			
	FY 2008	FY 2009	FY 2010
Accomplishments/Effort/Subtotal Cost		46.431	
RDT&E Articles Quantity			
<p>Contract award for initial test article aircraft, System Design and Development (SDD) work efforts, low-rate initial production, and support of training systems efforts including but not limited to, aircrew / pilot trainers, training curriculum, and requisite training support. The Secretary of Defense directed cancellation of the VH-71 program due to increased cost and schedule growth.</p>			

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RDT&E, N / BA-5	0604273N, VH71A Executive Helo Development	3065, VH-71 Replacement Helo Increment Two		
C. OTHER PROGRAM FUNDING SUMMARY:				
<u>Line Item No. & Name</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	
D. ACQUISITION STRATEGY:				
<p>The VH-71 program was designated an ACAT ID program. The program received milestone B/C approval from OUSD (AT&L) on 27 JAN 2005 and subsequently awarded an SDD contract to LMSI on 28 JAN 2005. The Secretary of Defense directed cancellation of the VH-71 program due to increased cost and schedule growth. A new acquisition strategy for a replacement program is in the process of being developed.</p>				

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Exhibit R-3 Cost Analysis (page 1)							DATE: May 2009					
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Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 2009 Cost	FY2009 Award Date	FY 2010 Cost	FY 2010 Award Date					
PRODUCT DEVELOPMENT												
Primary Hardware Development	C-CPAF	LOCKHEED MARTIN CORP, OWEGO, NY		46.431	11/08							
Systems Engineering	WX	NAWCAD, PATUXENT RIVER MD		2.000	11/08							
Subtotal Product Development				48.431								
Remarks: The Secretary of Defense directed cancellation of the current VH-71 program.												
SUPPORT												
Development Support Equipment	VARIOUS	VARIOUS		3.750	01/09							
Integrated Logistics	WX	NADEP, CHERRY POINT NC		1.950	11/08							
Integrated Logistics	WX	NAWCAD, LAKEHURST NJ		3.400	11/08							
Integrated Logistics	WX	NAWCAD, PATUXENT RIVER MD		5.300	11/08							
Integrated Logistics	VARIOUS	VARIOUS		0.800	11/08							
Subtotal Support				15.200								
Remarks: The Secretary of Defense directed cancellation of the current VH-71 program.												

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Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 2009 Cost	FY2009 Award Date	FY 2010 Cost	FY 2010 Award Date					
TEST & EVALUATION												
Developmental Test & Evaluation	WX	NAWCAD, PATUXENT RIVER MD		3.000	11/08							
Developmental Test & Evaluation	VARIOUS	VARIOUS		1.600	11/08							
Subtotal T&E				4.600								
Remarks: The Secretary of Defense directed cancellation of the current VH-71 program.												
MANAGEMENT												
Contractor Engineering Support	VARIOUS	VARIOUS		0.996	12/08							
Government Engineering Support	WX	NAWCAD, PATUXENT RIVER MD		11.400	11/08							
Government Engineering Support	VARIOUS	VARIOUS		3.400	12/08							
Program Management Support	WX	NAWCAD, PATUXENT RIVER MD		10.196	11/08							
Program Management Support	VARIOUS	VARIOUS		4.456	12/08							
Transportation	VARIOUS	NAVAIR, PATUXENT RIVER MD		0.008	11/08							
Travel	VARIOUS	NAVAIR, PATUXENT RIVER MD		0.444	10/08							
Subtotal Management				30.900								
Remarks: The Secretary of Defense directed cancellation of the current VH-71 program.												
Total Cost				99.131								
Remarks:												

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EXHIBIT R4, Schedule Profile													DATE: May 2009					
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Fiscal Year	2008				2009				2010									
	1	2	3	4	1	2	3	4	1	2	3	4						
Acquisition Milestones																		
SDD Design & Development																		
Test Aircraft Build (2 a/c)																		

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Exhibit R-4a, Schedule Detail			DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT 0604273N, VH71A Executive Helo Development		PROJECT NUMBER AND NAME 3065, VH-71 Replacement Helo Increment Two	
Schedule Profile	FY 2008	FY 2009	FY 2010	
SDD Design and Development		1Q-3Q		
Test Aircraft Build (2 a/c)		1Q-3Q		

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EXHIBIT R-2a, RDT&E Project Justification							DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROGRAM ELEMENT NUMBER AND NAME 0604273N, VH71A Executive Helo Development			PROJECT NUMBER AND NAME 3300, Presidential Helicopter VXX			
COST (\$ in Millions)	FY 2008	FY 2009	FY 2010					
Project Cost	0.000	0.000	30.000					
RDT&E Articles Qty								
<p>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</p> <p>Marine Helicopter Squadron One (HMX-1) is required to provide safe and timely transportation for the President and Vice President of the United States, heads of state and others as directed by the White House Military Office (WHMO). Currently two Type, Model, Series (TMS) aircraft are used by HMX-1 for the Presidential support mission – the VH-3D and the VH-60N. The VXX Executive Helicopter Replacement Program is a new start program to replace the VH-3D and VH-60N based on the direction from the Secretary of Defense to cancel the VH-71 program. An acquisition strategy for the VXX program is being established. FY10 funding includes pre-MS A risk reduction activities, capability based assessments, Concept of Operations (CONOPS) development, trade study analysis, specification development, system concept development and threat analysis leading to a FY11 Material Development Decision (MDD)/ program start.</p>								

R-1 SHOPPING LIST - Item No. 95

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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT NUMBER AND NAME 0604273N, VH71A Executive Helo Development	PROJECT NUMBER AND NAME 3300, Presidential Helicopter VXX	
B. Accomplishments/Planned Program			
PROGRAM MANAGEMENT AND SUPPORT	FY 2008	FY 2009	FY 2010
Accomplishments/Effort/Subtotal Cost			28.824
RDT&E Articles Quantity			
FY10 pre-MS A risk reduction tasks include VXX requirements analysis, Concept of Operations (CONOPS) development, trade study analysis, and system concept development.			
TEST AND EVALUATION	FY 2008	FY 2009	FY 2010
Accomplishments/Effort/Subtotal Cost			0.860
RDT&E Articles Quantity			
Support VXX initial test and evaluation planning and documentation.			
PRODUCT DEVELOPMENT	FY 2008	FY 2009	FY 2010
Accomplishments/Effort/Subtotal Cost			0.316
RDT&E Articles Quantity			
Fund Government and Contractor VXX systems engineering support to accomplish technical activities in FY10. Fund Government VXX program management support.			

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EXHIBIT R-2a, RDT&E Project Justification			DATE:	May 2009								
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME										
RDT&E, N / BA-5	0604273N, VH71A Executive Helo Development	3300, Presidential Helicopter VXX										
<p>C. OTHER PROGRAM FUNDING SUMMARY:</p> <table> <thead> <tr> <th><u>Line Item No. & Name</u></th> <th><u>FY 2008</u></th> <th><u>FY 2009</u></th> <th><u>FY 2010</u></th> </tr> </thead> <tbody> <tr> <td colspan="4">Not Applicable.</td> </tr> </tbody> </table> <p>D. ACQUISITION STRATEGY:</p> <p>An acquisition plan for a new start VXX program is being established. FY10 funding includes pre-MS A risk reduction activities, capability based assessments, Concept of Operations (CONOPS) development, trade study analysis, specification development, system concept development and threat analysis leading to a FY11 Material Development Decision (MDD)/ program start.</p>					<u>Line Item No. & Name</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	Not Applicable.			
<u>Line Item No. & Name</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>									
Not Applicable.												

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CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 1)								DATE: May 2009					
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5			PROGRAM ELEMENT 0604273N, VH71A Executive Helo Development			PROJECT NUMBER AND NAME 3300, Presidential Helicopter VXX							
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 2009 Cost	FY2009 Award Date	FY 2010 Cost	FY 2010 Award Date						
PRODUCT DEVELOPMENT													
Training Support	Various	Various				0.316	11/09						
Subtotal Product Development						0.316							
Remarks:													
SUPPORT													
Integrated Logistics	WX	NAWCAD, PATUXENT RIVER MD				2.284	11/09						
Integrated Logistics	VARIOUS	VARIOUS				5.200	01/10						
Subtotal Support						7.485							
Remarks:													

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CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 2)								DATE: May 2009					
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5			PROGRAM ELEMENT 0604273N, VH71A Executive Helo Development			PROJECT NUMBER AND NAME 3300, Presidential Helicopter VXX							
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 2009 Cost	FY2009 Award Date	FY 2010 Cost	FY 2010 Award Date						
TEST & EVALUATION													
Developmental Test & Evaluation	WX	NAWCAD, PATUXENT RIVER MD				0.860	11/09						
Subtotal T&E						0.860							
Remarks:													
MANAGEMENT													
Contractor Engineering Support	VARIOUS	VARIOUS				0.650	11/09						
Government Engineering Support	WX	NAWCAD, PATUXENT RIVER MD				6.244	11/09						
Program Management Support	WX	NAWCAD, PATUXENT RIVER MD				14.120	11/09						
Travel	VARIOUS	NAVAIR, PATUXENT RIVER MD				0.325	10/09						
Subtotal Management						21.339							
Remarks:													
Total Cost						30.000							
Remarks:													

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CLASSIFICATION:

Exhibit R-4a, Schedule Detail				DATE: May 2009
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT 0604273N, VH71A Executive Helo Development		PROJECT NUMBER AND NAME 3300, Presidential Helicopter VXX	
Schedule Profile	FY 2008	FY 2009	FY 2010	
Acquisition Strategy Development			1Q-4Q	
Capability Based Assessment			1Q-4Q	
Material Development Decision (MDD)			4Q	

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