Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

1319: Research, Development, Test & Evaluation, Navy

PE 0604273N: VH-71 Executive Helo Development

BA 5: Development & Demonstration (SDD)

COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	756.596	129.404	159.785	0.000	159.785	296.539	395.483	593.686	692.250	Continuing	Continuing
3058: VH-71 Replacement Helo	698.757	0.000	94.687	0.000	94.687	0.000	0.000	0.000	0.000	0.000	3,234.212
3065: VH-71 Replacement Helo Increment II	57.839	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	57.839
3300: Presidential Helicopter VXX	0.000	29.819	65.098	0.000	65.098	296.539	395.483	593.686	692.250	Continuing	Continuing
9999: Congressional Adds	0.000	99.585	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	99.585

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 was 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). 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 and USD (AT&L) directed cancellation of the current VH-71 program. The VH-71 contract was terminated on 1 June 2009. The VXX is a follow-on program for the VH-71. An acquisition strategy for the VXX program is being established. Funding includes pre-MS A risk reduction activities, capability based assessments, Concept of Operations (CONOPS) development, Analysis of Alternatives, specification development, system concept development and threat analysis leading to a FY10 Material Development Decision (

This program element includes \$2 million for the Defense Acquisition Workforce Development Fund (DAWDF) in FY 2009.

Congressional Add: Technology Capture

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

1319: Research, Development, Test & Evaluation, Navy

PE 0604273N: VH-71 Executive Helo Development

BA 5: Development & Demonstration (SDD)

B. Program Change Summary (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	831.802	85.240	0.000	0.000	0.000
Current President's Budget	756.596	129.404	159.785	0.000	159.785
Total Adjustments	-75.206	44.164	159.785	0.000	159.785
 Congressional General Reductions 		-0.539			
 Congressional Directed Reductions 		-55.240			
 Congressional Rescissions 	0.000	-0.057			
 Congressional Adds 		100.000			
 Congressional Directed Transfers 		0.000			
 Reprogrammings 	-3.924	0.000			
 SBIR/STTR Transfer 	-24.283	0.000			
 Program Adjustments 	0.000	0.000	159.785	0.000	159.785
 Rate/Misc Adjustments 	0.001	0.000	0.000	0.000	0.000
 Congressional Recision Adjustments 	-47.000	0.000	0.000	0.000	0.000

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 9999: Congressional Adds

Congressional Add: Technology Capture

	FY 2009	FY 2010
	0.000	99.585
Congressional Add Subtotals for Project: 9999	0.000	99.585
Congressional Add Totals for all Projects	0.000	99.585

Change Summary Explanation

Technical: Not applicable.

Schedule:

PU 3058: All schedule changes are due to 15 May 2009 ADM from USD (AT&L) cancelling the VH-71 program. On 1 June 2009 the VH-71 contract was terminated.

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy	,	DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604273N: VH-71 Executive Helo Dev	
PU 3065: All schedule changes are due to 15 May 2009 terminated. PU 3300: Presidential Helicopter VXX efforts consist of a the proposed material solutions.	, , ,	
FY11 from previous President's Budget is shown as zero	because no FY11-15 data was presented in Presid	dent's Budget 2010.

DATE: February 2010

Exhibit IX-2A, IXD Tall I Toject ous	uncauon. i	D ZOTT Mavy							DAIL. I CO	ruary 2010		
APPROPRIATION/BUDGET ACTIV 1319: Research, Development, Tes BA 5: Development & Demonstration	t & Evaluatio	n, Navy				TURE Executive He	lo	PROJECT 3058: <i>VH-7</i>	OJECT 3: VH-71 Replacement Helo			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost	
3058: VH-71 Replacement Helo	698.757	0.000	94.687	0.000	94.687	0.000	0.000	0.000	0.000	0.000	3,234.212	
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0			

Note

The VH-71 contract was terminated on 1 June 2009.

Exhibit R-2A RDT&F Project Justification: PR 2011 Navv

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 and USD (AT&L) directed cancellation of the current VH-71 program. The VH-71 contract was terminated on 1 June 2009. Receipt of the Termination Proposal is expected in the 3rd QTR of FY10. The reduction of FY10 funding for termination liability requires utilizing the identified FY11 funding for the negotiation and eventual settlement of the termination proposal. This FY11 funding will be utilized to support the execution of the Secretary of Defense and USD (AT&L)'s decision to cancel the VH-71 program.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program Management and Support	36.219	0.000	2.518	0.000	2.518
FY 2009 Accomplishments: Funding was for in-house, field activity, and contractor support of VH-71 Integrated Product Teams (IPTs) activities.					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
1319: Research, Development, Test & Evaluation, Navy	PE 0604273N: VH-71 Executive Helo	3058: VH-7	1 Replacement Helo
BA 5: Development & Demonstration (SDD)	Development		

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: Funding covers the Secretary of Defense and USD (AT&L)'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 in support of the termination.					
Test and Evaluation	11.924	0.000	0.000	0.000	0.000
FY 2009 Accomplishments: Funding was for Test and Evaluation of test article aircraft, pilot production aircraft, and SDD assets, including Live Fire Test and Evaluation.					
Product Development	650.614	0.000	92.169	0.000	92.169
FY 2009 Accomplishments: 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.					
FY 2011 Base Plans: Funding covers termination costs of the contract based on the Secretary of Defense and USD (AT&L)'s decision to cancel the current VH-71 program.					
Accomplishments/Planned Programs Subtotals	698.757	0.000	94.687	0.000	94.687

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
1319: Research, Development, Test & Evaluation, Navy	PE 0604273N: VH-71 Executive Helo	3058: VH-7	1 Replacement Helo
BA 5: Development & Demonstration (SDD)	Development		

C. Other Program Funding Summary (\$ in Millions)

N/A

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 and USD (AT&L) directed cancellation of the VH-71 program due to increased cost and schedule growth. The Lockheed Martin contract was terminated on 1 June 2009.

E. Performance Metrics

The VH-71	contract was	terminated	on 1	1 June	2009

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy

BA 5: Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

PE 0604273N: VH-71 Executive Helo

Development

PROJECT

3058: VH-71 Replacement Helo

Product Development (\$ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development	C/CPAF	Lockheed Martin Corp Owego, NY	2,690.051	0.000		92.169	Jun 2011	0.000		92.169	0.000	2,782.220	2,831.649
Systems Engineering	WR	NAWCAD Patuxent River, MD	13.140	0.000		0.000		0.000		0.000	0.000	13.140	Continuing
Training Development	C/CPAF	Lockheed Martin Corp Owego, NY	4.989	0.000		0.000		0.000		0.000	0.000	4.989	4.989
Training Development	WR	NAWCAD Patuxent River, MD	20.862	0.000		0.000		0.000		0.000	0.000	20.862	Continuing
Training Development	Various/ Various	Various Various	3.235	0.000		0.079	Nov 2010	0.000		0.079	0.000	3.314	Continuing
		Subtotal	2,732.277	0.000		92.248		0.000		92.248	0.000	2,824.525	2,836.638

Remarks

Covers the Secretary of Defense and USD (AT&L)'s decision to cancel the current VH-71 program.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy

1319: Research, Development, Test & Evaluation, Navy

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

K-

R-1 ITEM NOMENCLATURE PROJECT
PE 0604273N: VH-71 Executive Helo 3058: VH-7

3058: VH-71 Replacement Helo

BA 5: Development & Demonstration (SDD)

Development

Support (\$ in Millions)

				FY 2	010	FY 2 Ba	2011 ise	FY 2		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support Equipment	Various/ Various	Various Various	17.524	0.000		0.021	Nov 2010	0.000		0.021	0.000	17.545	Continuing
Integrated Logistics Support	WR	NADEP Cherry Point, NC	6.312	0.000		0.328	Nov 2010	0.000		0.328	0.000	6.640	Continuing
Integrated Logistics Support	WR	NAWCAD Lakehurst, NJ	13.610	0.000		0.322	Nov 2010	0.000		0.322	0.000	13.932	Continuing
Integrated Logistics Support	WR	NAWCAD Patuxent River,MD	15.302	0.000		0.000		0.000		0.000	0.000	15.302	Continuing
Integrated Logistics Support	Various/ Various	Various Various	0.792	0.000		0.098	Nov 2010	0.000		0.098	0.000	0.890	Continuing
Studies and Analyses	Various/ Various	Various Various	3.772	0.000		0.000		0.000		0.000	0.000	3.772	Continuing
Studies and Analyses	C/FFP	Lockheed Martin Corp Owego, NY	87.240	0.000		0.000		0.000		0.000	0.000	87.240	87.774
Studies and Analyses	C/FFP	Sikorsky Aircraft Stratford, CT	87.350	0.000		0.000		0.000		0.000	0.000	87.350	87.586
Studies and Analyses	WR	NAWCAD Patuxent River, MD	0.061	0.000		0.000		0.000		0.000	0.000	0.061	Continuing
		Subtotal	231.963	0.000		0.769		0.000		0.769	0.000	232.732	175.360

Remarks

Covers the Secretary of Defense and USD (AT&L)'s decision to cancel the current VH-71 program.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy

BA 5: Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

PE 0604273N: VH-71 Executive Helo

Development

PROJECT

3058: VH-71 Replacement Helo

Test and Evaluation (\$ in Millions)

				FY 2	010	FY 2 Ba	-	FY 2		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Test & Evaluation	WR	NAWCAD Patuxent River, MD	30.349	0.000		0.000		0.000		0.000	0.000	30.349	Continuing
Development Test & Evaluation	Various/ Various	Various Various	11.267	0.000		0.000		0.000		0.000	0.000	11.267	Continuing
Live Fire Test & Evaluation	WR	NAWCWD China Lake, CA	13.131	0.000		0.000		0.000		0.000	0.000	13.131	Continuing
		Subtotal	54.747	0.000		0.000		0.000		0.000	0.000	54.747	

Remarks

Management Services (\$ in Millions)

•	•	•											
				FY 2	2010	FY 2 Ba		FY 2		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Engineering Support	Various/ Various	Various Various	9.028	0.000		0.000		0.000		0.000	0.000	9.028	Continuing
Government Engineering Support	WR	NAWCAD Patuxent River, MD	74.364	0.000		0.000		0.000		0.000	0.000	74.364	Continuing
Government Engineering Support	Various/ Various	Various Various	11.858	0.000		0.590	Nov 2010	0.000		0.590	0.000	12.448	Continuing
	WR	NAWCAD	54.192	0.000		0.662	Nov 2010	0.000		0.662	0.000	54.854	Continuing

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R-1 Line Item #96 Page 9 of 24

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy

BA 5: Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

PE 0604273N: VH-71 Executive Helo

Development

PROJECT

3058: VH-71 Replacement Helo

Management Services (\$ in Millions)

				FY 2	010	FY 2 Ba	-	FY 2	2011 CO	FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support		Patuxent River, MD											
Program Management Support	Various/ Various	Various Various	17.310	0.000		0.418	Nov 2010	0.000		0.418	0.000	17.728	Continuing
Transportation	Various/ Various	Various Various	2.288	0.000		0.000		0.000		0.000	0.000	2.288	Continuing
Travel	Various/ Various	NAWCAD Patuxent River, MD	1.509	0.000		0.000		0.000		0.000	0.000	1.509	Continuing
		Subtotal	170.549	0.000		1.670		0.000		1.670	0.000	172.219	

Remarks

Covers the Secretary of Defense and USD (AT&L)'s decision to cancel the current VH-71 program.

	Total Prior Years Cost	FY	2010	FY 2 Bas	-	FY 2	I	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	3,189.536	0.000		94.687		0.000		94.687	0.000	3,284.223	3,011.998

Remarks

Exhibit R-4, RDT&E Sch		PB 2	2011	Nav	/y				ı														ATE:	Feb	ruar	y 201	0		
APPROPRIATION/BUDG 1319: <i>Research, Developi</i> BA 5: <i>Development & Der</i>	ment, Test & E		ation	, Na	vy				PE	ITE 0604 elop	1273	N: <i>V</i>				е Не	lo			PRO. 3058		T -71 F	Repla	acem	ent I	Helo			
Fiscal Year		2009			2010			2011			20		2012				2013		20		14			201	15				
		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		,	ADM C	Å	ng Proj	gram C	ancell	lation																					
RDT&E Contract Awards	Nø			A				△ ion Pro	posal	Due	Terr		n Sett	lemen															
Termination Efforts																													

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R-1 Line Item #96 Page 11 of 24

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE 1319: Research, Development, Test & Evaluation, Navy PE 0604273N: VH-71 Executive Helo

BA 5: Development & Demonstration (SDD) Development **PROJECT** 3058: VH-71 Replacement Helo

Schedule Details

	St	art	E	nd
Event	Quarter	Year	Quarter	Year
ADM Directing Program Cancellation	3	2009	3	2009
Notice of Termination Issued	3	2009	3	2009
Termination Efforts	4	2009	3	2011
Termination Proposal Due	3	2010	3	2010
Termination Settlement	3	2011	3	2011

DATE: February 2010

Exhibit IX-2A, IXD I GE I Toject sus	uncauon. i	D ZUTT Navy	<i>'</i>						DAIL. I GO	uary 2010	
APPROPRIATION/BUDGET ACTIV 1319: Research, Development, Tes BA 5: Development & Demonstration	t & Evaluatio	n, Navy				TURE Executive He	lo	PROJECT 3065: <i>VH-7</i>	1 Replacem	ent Helo Inci	rement II
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3065: VH-71 Replacement Helo Increment II	57.839	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	57.839
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		_

Note

The VH-71 contract was terminated on 1 June 2009.

Exhibit R-24 RDT&F Project Justification: PR 2011 Navy

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 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 persuing 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 and USD (AT&L) directed cancellation of the current VH-71 program. The VH-71 contract was terminated on 1 June 2009.

This project unit includes \$2 million for the Defense Acquisition Workforce Development Fund (DAWDF) in FY 2009.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program Management and Support	3.947	0.000	0.000	0.000	0.000
FY 2009 Accomplishments: Funding was for 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					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy			DATE : February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
1319: Research, Development, Test & Evaluation, Navy	PE 0604273N: VH-71 Executive Helo	3065: VH-7	1 Replacement Helo Increment II
BA 5: Development & Demonstration (SDD)	Development		

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
logistics support, engineering support, program management support, systems engineering support, support equipment, technical pubs, and travel for VH-71 program. The Secretary of Defense and USD (AT&L) directed cancellation of the VH-71 program due to increased cost and schedule growth.					
Test and Evaluation	0.310	0.000	0.000	0.000	0.000
FY 2009 Accomplishments: Funding was for Test and Evaluation of test article aircraft, pilot production aircraft, and SDD assets, including Live Fire Test and Evaluation. The Secretary of Defense and USD (AT&L) directed cancellation of the VH-71 program due to increased cost and schedule growth.					
Product Development	51.582	0.000	0.000	0.000	0.000
FY 2009 Accomplishments: Funding was for 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 and USD (AT&L) directed cancellation of the VH-71 program due to increased cost and schedule growth.					
Acquisition Workforce Fund	2.000	0.000	0.000	0.000	0.000
FY 2009 Accomplishments: Funded DoD Acquisition Workforce Fund					
Accomplishments/Planned Programs Subtotals	57.839	0.000	0.000	0.000	0.000

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R-1 Line Item #96 Page 14 of 24

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
1319: Research, Development, Test & Evaluation, Navy	PE 0604273N: VH-71 Executive Helo	3065: VH-7	'1 Replacement Helo Increment II
BA 5: Development & Demonstration (SDD)	Development		

C. Other Program Funding Summary (\$ in Millions)

N/A

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 and USD (AT&L) directed cancellation of the VH-71 program due to increased cost and schedule growth. The Lockheed Martin contract was terminated on 1 June 2009.

E. Performance Metrics

The VH-71	contract was	terminated	on 1	Llune	2009
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Exhibit R-2A, RD1&E Project Just	ification: Pi	3 2011 Navy	1						DAIE: Feb	ruary 2010	
APPROPRIATION/BUDGET ACTIV 1319: Research, Development, Test BA 5: Development & Demonstration	& Evaluatio	n, Navy				TURE Executive He	lo	PROJECT 3300: Presi	dential Helic	opter VXX	
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3300: Presidential Helicopter VXX	0.000	29.819	65.098	0.000	65.098	296.539	395.483	593.686	692.250	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0				

Note

The VXX was a new start in FY 2010.

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 VXX Executive Helicopter Replacement Program will replace the VH-3D and VH-60N. An acquisition strategy for the VXX program is being established. Funding includes pre-MS A risk reduction activities, capability based assessments, Concept of Operations (CONOPS) development, Analysis of Alternatives guidance development, specification development, system concept development and threat analysis leading to a FY10 Material Development Decision (MDD). Following a successful MS A decision and entrance into the Technology Development Phase, activities will focus on the proposed material solutions, specifically, reducing technology risk, determining and maturing the appropriate set of technologies, and to demonstrate technology on prototypes.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program Management and Support	0.000	28.643	38.135	0.000	38.135
FY 2010 Plans: Conduct MS A risk reduction tasks to include: VXX requirements analysis, Concept of Operations (CONOPS) development, Analysis of Alternatives guidance development, and system concept development.					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy				DATE: Feb	ruary 2010	
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604273N: VH-71 Executive H Development	lelo	PROJECT 3300: Pres	idential Helic	opter VXX	
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: Complete MS A activities. Upon completion of the AoA, and Development phase funded activities of the proposed mate technology risk, determining and maturing the appropriate stechnology on prototypes.	rial solutions will include: reducing					
Test and Evaluation		0.000	0.860	1.290	0.000	1.290
FY 2010 Plans:						

FY 2011 Base Plans:

Support VXX initial test and evaluation planning and documentation.

Support VXX initial test and evaluation planning and documentation.

Product Development

FY 2010 Plans:

Provides Government and Contractor VXX systems engineering support to accomplish technical activities to include trade studies and risk reduction activities. Provides Government VXX program management support.

FY 2011 Base Plans:

Provides Government and Contractor VXX systems engineering support to accomplish technical activities to include trade studies, risk reduction, and early Technology Development phase activities. Provides Government VXX program management support.

Accomplishments/Planned Programs Subtotals 0.000 29.819 65.098 0.000 65.098

0.000

0.316

25.673

0.000

25.673

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
1319: Research, Development, Test & Evaluation, Navy	PE 0604273N: VH-71 Executive Helo	3300: Presidential Helicopter VXX
BA 5: Development & Demonstration (SDD)	Development	

C. Other Program Funding Summary (\$ in Millions)

N/A

D. Acquisition Strategy

An acquisition plan for a new start VXX program is being established. 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 FY10 Material Development Decision (MDD)/ program start.

E. Performance Metrics

Pre-MDAP,	performance	metrics will be	provided upor	n program ACAT	designation/post MS A.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy

BA 5: Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

PE 0604273N: VH-71 Executive Helo

Development

PROJECT

3300: Presidential Helicopter VXX

Product Development (\$ in Millions)

-	•	•											
				FY 2	010	FY 2 Ba	2011 ise	FY 2		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary HW Dev - Trade Study	C/Various	Various Various	0.000	0.000		29.774	Jun 2011	0.000		29.774	0.000	29.774	29.774
Training Support	Various/ Various	Various Various	0.000	0.316	Jan 2010	0.474	Nov 2010	0.000		0.474	0.000	0.790	Continuing
		Subtotal	0.000	0.316		30.248		0.000		30.248	0.000	30.564	29.774

Remarks

Support (\$ in Millions)

				FY 2	2010	FY 2 Ba	-	FY 2		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Integrated Logistics Support	WR	NAWCAD Patuxent River, MD	0.000	2.284	Jan 2010	3.900	Nov 2010	0.000		3.900	0.000	6.184	Continuing
Integrated Logistics Support	Various/ Various	Various Various	0.000	5.200	Jan 2010	2.400	Jan 2011	0.000		2.400	0.000	7.600	Continuing
Studies and Analysis	Various/ Various	Various Various	0.000	0.000		0.750	Nov 2010	0.000		0.750	0.000	0.750	Continuing
		Subtotal	0.000	7.484		7.050		0.000		7.050	0.000	14.534	

Remarks

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

PROJECT

1319: Research, Development, Test & Evaluation, Navy

PE 0604273N: VH-71 Executive Helo

3300: Presidential Helicopter VXX

BA 5: Development & Demonstration (SDD)

Development

Test and Evaluation (\$ in Millions)

				FY 2	010	FY 2 Ba		FY 2		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Test & Evaluation	WR	NAWCAD Patuxent River, MD	0.000	0.860	Jan 2010	4.800	Nov 2010	0.000		4.800	0.000	5.660	Continuing
		Subtotal	0.000	0.860		4.800		0.000		4.800	0.000	5.660	

Remarks

Management Services (\$ in Millions)

				FY 2	010	FY 2 Ba	-	FY 2 OC		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Engineering Support	Various/ Various	Various Various	0.000	0.650	Jan 2010	0.975	Nov 2010	0.000		0.975	0.000	1.625	Continuing
Government Engineering Support	WR	NAWCAD Patuxent River, MD	0.000	6.244	Jan 2010	9.500	Nov 2010	0.000		9.500	0.000	15.744	Continuing
Program Management Support	WR	NAWCAD Patuxent River, MD	0.000	13.940	Jan 2010	12.200	Nov 2010	0.000		12.200	0.000	26.140	Continuing
Travel	Various/ Various	NAVAIR Patuxent River, MD	0.000	0.325	Jan 2010	0.325	Oct 2010	0.000		0.325	0.000	0.650	Continuing
		Subtotal	0.000	21.159		23.000		0.000		23.000	0.000	44.159	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy

BA 5: Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

PE 0604273N: VH-71 Executive Helo

Development

PROJECT

3300: Presidential Helicopter VXX

Management Services (\$ in Millions)

				FY 2	2010		2011 ase		2011 CO	FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract

Remarks

	Total Prior Years Cost	FY 2	2010		2011 se	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	29.819		65.098		0.000	65.098	0.000	94.917	29.774

Remarks

Exhibit R-4, RDT&E Schee	dule Profile: PB	201	1 Na	avy																		DA	TE: I	Febr	uary	2010)		
APPROPRIATION/BUDGE 1319: Research, Developm BA 5: Development & Deme	nent, Test & Eval		on, N	lavy				F	R-1 IT PE 06 Devel	042	73N:					Helo)			R OJI 800: <i>I</i>		iden	tial H	lelico	pter	VXX	(
Fiscal Year			200	09			201	10			201	11			20 ⁻	12			201	13			20	14			20'	15	
		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				1	Materi:	al Devi	lopme	nt De	¢ision		∆ MS A																		
Contract Awards									RFP		Con	 tract A	ward																
Capabilities Based Assessment																													
Technology Development Strategy																													
Analysis of Alternatives																													
Analysis of Alternatives																													

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APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy
BA 5: Development & Demonstration (SDD)

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy
BA 5: Development & Demonstration (SDD)

DATE: February 2010

R-1 ITEM NOMENCLATURE
PE 0604273N: VH-71 Executive Helo
Development

Schedule Details

	Start		End	
Event	Quarter	Year	Quarter	Year
Capabilities Based Assessment (CBA)	1	2010	2	2010
Technology Development Strategy (TDS)	1	2010	2	2011
Material Development Decision (MDD)	2	2010	2	2010
Request For Proposal (RFP)	2	2010	2	2011
Analysis of Alternatives	2	2010	4	2010
Milestone A	2	2011	2	2011
Contract Award	3	2011	3	2011

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY **R-1 ITEM NOMENCLATURE**

PROJECT 1319: Research, Development, Test & Evaluation, Navy PE 0604273N: VH-71 Executive Helo 9999: Congressional Adds

BA 5: Development & Demonstratio	ท (อบบ)			Developme	Πŧ						
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
9999: Congressional Adds	0.000	99.585	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	99.585
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

Congressional Add

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010
	0.000	99.585
Congressional Add: Technology Capture		
FY 2010 Plans:		
Efforts in support of Technology Capture.		
Congressional Adds Subtotal	0.000	99.585

C. Other Program Funding Summary (\$ in Millions)

N/A

D. Acquisition Strategy

Not required for Congressional Adds

E. Performance Metrics

Not required for Congressional Adds