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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	407.664	93.878	41.847	45.645	-	45.645	40.448	32.179	32.711	34.794	107.202	836.368
3300: <i>Presidential Helicopter VH-92A</i>	396.870	59.220	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	456.090
3390: <i>VH-92A Improvements</i>	10.794	34.658	41.847	45.645	-	45.645	40.448	32.179	32.711	34.794	107.202	380.278

Program MDAP/MAIS Code:
Project MDAP/MAIS Code(s): 429

Note

PU3300 has no budget request in FY 2023 as this PU concludes in FY 2021.

A. Mission Description and Budget Item Justification

The VH-92A is the replacement helicopter for the VH-3D and the VH-60N, the aircraft currently used by Marine Helicopter Squadron One (HMX-1) to transport the President, Vice President, and other distinguished officials as directed by the White House Military Office. The VH-3D and VH-60N are approaching the end of their service lives. Funding for the VH-92A program supports Engineering and Manufacturing Development Phase activities, including: integration of systems; production, qualification, and support of test articles; development of logistics products; and demonstration of system integration, interoperability, safety, utility, and improvements/upgrades.

JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under SYSTEM DEVELOPMENT AND DEMONSTRATION because it includes those projects that have passed Milestone B approval and are conducting engineering and manufacturing development tasks aimed at meeting validated requirement prior to full-rate production decision.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Navy	Date: April 2022
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Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>
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B. Program Change Summary (\$ in Millions)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	96.693	45.932	0.000	-	0.000
Current President's Budget	93.878	41.847	45.645	-	45.645
Total Adjustments	-2.815	-4.085	45.645	-	45.645
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-4.085			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-2.815	0.000			
• Program Adjustments	0.000	0.000	0.000	-	0.000
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000
• Adjustments to Budget Year	-	-	45.645	-	45.645

Change Summary Explanation

Cost: Not applicable.

Technical: Not applicable.

Schedule:

FOC revised from 4th QTR FY 2022 to 2nd QTR FY 2023.

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy										Date: April 2022		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604273M / Executive Helo Development				Project (Number/Name) 3300 / Presidential Helicopter VH-92A			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
3300: Presidential Helicopter VH-92A	396.870	59.220	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	456.090
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
Project MDAP/MAIS Code: 429												

Note

PU3300 has no budget request in FY 2023 as this PU concludes in FY 2021.

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. Currently two Type, Model, Series aircraft are used by HMX-1 for the Presidential support mission - the VH-3D and the VH-60N. The VH-92A will replace the VH-3D and VH-60N. Funding supports Engineering and Manufacturing Development Phase (EMD) activities including integration of systems, production, qualification, and support of test articles, logistics products development, demonstration of system integration, interoperability, safety and utility. Two Engineering Development Model (EDM) and four System Demonstration Test Article (SDTA) aircraft will be delivered during EMD. The EDM and SDTA aircraft will be used for Developmental Test & Evaluation, Operational Testing for verification of Performance Based Specifications, airworthiness certification and Supportability Verification. The EDM aircraft will remain test aircraft for the life of the program. The SDTA aircraft will be used for Initial Operational Test and Evaluation and will be refurbished for Initial Operational Capability.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Title: Product Development	41.045	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2022 Plans: N/A					
FY 2023 Base Plans: N/A					
FY 2023 OCO Plans: N/A					
Title: Support	0.849	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2022 Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / Executive Helo Development	Project (Number/Name) 3300 / Presidential Helicopter VH-92A

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
N/A <i>FY 2023 Base Plans:</i> N/A <i>FY 2023 OCO Plans:</i> N/A					
Title: Test and Evaluation <i>FY 2022 Plans:</i> N/A <i>FY 2023 Base Plans:</i> N/A <i>FY 2023 OCO Plans:</i> N/A	12.220 <i>Articles:</i> -	0.000 -	0.000 -	0.000 -	0.000 -
Title: Program Management <i>FY 2022 Plans:</i> N/A <i>FY 2023 Base Plans:</i> N/A <i>FY 2023 OCO Plans:</i> N/A	5.106 <i>Articles:</i> -	0.000 -	0.000 -	0.000 -	0.000 -
Accomplishments/Planned Programs Subtotals	59.220	0.000	0.000	0.000	0.000

C. Other Program Funding Summary (\$ in Millions)										
<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To Complete Total Cost</u>
• APN/0455: VH-92A Executive Helo	577.638	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	1,867.551

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>	Project (Number/Name) 3300 / <i>Presidential Helicopter VH-92A</i>

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

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u> <u>Base</u>	<u>FY 2023</u> <u>OCO</u>	<u>FY 2023</u> <u>Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• APN/0605: <i>Spares and Repair Parts</i>	160.320	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	160.320

Remarks

D. Acquisition Strategy

PU3300 efforts conclude in FY 2021.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / Executive Helo Development	Project (Number/Name) 3300 / Presidential Helicopter VH-92A
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Primary HW Dev - VH-92A EMD Contracts	C/FPIF	Sikorsky Aircraft Corporation : Stratford, CT	253.365	33.380	Mar 2021	0.000		0.000		-		0.000	0.000	286.745	296.379
Primary HW Dev - Advanced Capabilities	Various	NSMA : Arlington, VA	16.097	0.421	Jun 2021	0.000		0.000		-		0.000	0.000	16.518	-
Primary HW Dev - VH-92A MCS Design	WR	NAWCAD : St. Inigoes, MD	5.320	0.000		0.000		0.000		-		0.000	0.000	5.320	-
Primary HW Dev - VH-92A GFE	Various	Various : Various	8.296	0.000		0.000		0.000		-		0.000	0.000	8.296	-
Primary HW Dev - VH92A MFD/Forward Air Stair Door	C/UCA	Sikorsky Aircraft Corporation : Stratford, CT	24.016	0.000		0.000		0.000		-		0.000	0.000	24.016	24.016
Systems Engineering	Various	Various : Various	0.975	0.000		0.000		0.000		-		0.000	0.000	0.975	-
Systems Engineering	WR	NAWCAD : Patuxent River, MD	14.391	1.477	Jan 2021	0.000		0.000		-		0.000	0.000	15.868	-
Systems Engineering	Various	NAVAIR : Patuxent River, MD	1.578	0.942	May 2021	0.000		0.000		-		0.000	0.000	2.520	-
Training	WR	NAWCTSD : Orlando, FL	2.140	0.000		0.000		0.000		-		0.000	0.000	2.140	-
Training	WR	NAWCAD : St. Inigoes, MD	4.000	2.102	Jan 2021	0.000		0.000		-		0.000	0.000	6.102	-
Training	Various	NAVAIR : Patuxent River, MD	2.687	2.723	Jan 2021	0.000		0.000		-		0.000	0.000	5.410	-
Training	Various	NAWCAD : Patuxent River, MD	0.162	0.000		0.000		0.000		-		0.000	0.000	0.162	-
Subtotal			333.027	41.045		0.000		0.000		-		0.000	0.000	374.072	N/A

Remarks
 Notes:
 The Target Value of the Primary Hardware Development Engineering Manufacturing and Development (EMD) Contract reflects the total value of the EMD contracts for PE 0604273M. The total value of the EMD contract is \$1,574.260 million to include \$1,292.075 million funded by PE 0604273N.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / Executive Helo Development	Project (Number/Name) 3300 / Presidential Helicopter VH-92A
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Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Integrated Logistics Support	WR	NAWCAD : Patuxent River, MD	8.448	0.613	Jan 2021	0.000		0.000		-		0.000	0.000	9.061	-
Integrated Logistics Support	WR	FRC : Cherry Point, NC	10.233	0.236	Feb 2021	0.000		0.000		-		0.000	0.000	10.469	-
Integrated Logistics Support	WR	NAWCAD : Lakehurst, NJ	1.727	0.000		0.000		0.000		-		0.000	0.000	1.727	-
Integrated Logistics Support	WR	SPAWAR : San Diego, CA	0.975	0.000		0.000		0.000		-		0.000	0.000	0.975	-
Integrated Logistics Support	Various	NAVAIR : Patuxent River, MD	3.776	0.000		0.000		0.000		-		0.000	0.000	3.776	-
Integrated Logistics Support	Various	Various : Various	0.501	0.000		0.000		0.000		-		0.000	0.000	0.501	-
Integrated Logistics Support	WR	NAWCAD : St. Inigoes, MD	0.380	0.000		0.000		0.000		-		0.000	0.000	0.380	-
Subtotal			26.040	0.849		0.000		0.000		-		0.000	0.000	26.889	N/A

Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Developmental Test & Evaluation	WR	NAWCAD : Patuxent River, MD	9.528	6.571	Feb 2021	0.000		0.000		-		0.000	0.000	16.099	-
Developmental Test & Evaluation	MIPR	JITC : Ft. Huachuca, AZ	0.222	0.122	Jan 2021	0.000		0.000		-		0.000	0.000	0.344	-
Developmental Test & Evaluation	Various	NAVAIR : Patuxent River, MD	6.236	4.234	Jan 2021	0.000		0.000		-		0.000	0.000	10.470	-
Live Fire Test & Evaluation	WR	NAWCWD : China Lake, CA	1.462	0.000		0.000		0.000		-		0.000	0.000	1.462	-
Operational Test & Evaluation	WR	COTF : Norfolk, VA	3.566	1.293	Mar 2021	0.000		0.000		-		0.000	0.000	4.859	-
Integrated Test & Evaluation	C/FFP	Petroleum Helicopters	2.010	0.000		0.000		0.000		-		0.000	0.000	2.010	2.010

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>	Project (Number/Name) 3300 / <i>Presidential Helicopter VH-92A</i>
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Presidential Helicopter VH-92A	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Requirements								IOC ▼				FOC ▼																
Acquisition Milestones	EMD				Production																							
Systems Engineering																												
Logistics	MaPL/IETM/ALE				CLS (EMD)																							
Contracting					LRIP - Lot III (APN) ●																							
Deliveries					LRIP Lot 1 APN				LRIP Lot 2 APN				LRIP - Lot III (APN)															
Test	DT - IT				OTRR ■																							
					IOT&E				LFT&E Report ▼																			
	DOT&E								IOT&E Report ▼																			
									DOT&E Report ▼																			

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>	Project (Number/Name) 3300 / <i>Presidential Helicopter VH-92A</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Presidential Helicopter VH-92A</i>				
Requirements: Initial Operational Capability	1	2022	1	2022
Requirements: Full Operational Capability	2	2023	2	2023
Acquisition Milestones: Engineering & Manufacturing Development	1	2021	1	2022
Acquisition Milestones: Production	1	2021	2	2024
Logistics: Maintenance Planning / IETM / ALE	1	2021	1	2021
Logistics: Contractor Logistics Support (EMD)	1	2021	1	2022
Contracting: LRIP - Lot III (APN)	2	2021	2	2021
Deliveries: LRIP - Lot I (APN)	1	2022	3	2022
Deliveries: LRIP - Lot II (APN)	4	2022	2	2023
Deliveries: LRIP - Lot III (APN)	3	2023	1	2024
Test: Developmental Test - Integrated Test	1	2021	2	2021
Test: Operational Test Readiness Review	3	2021	3	2021
Test: Initial Operational Test & Evaluation	2	2021	3	2021
Test: Live Fire Test & Evaluation Report	4	2021	4	2021
Test: Initial Operational Test & Evaluation Report	4	2021	4	2021
Test: Development Operational Test	1	2021	3	2021
Test: Development Operational Test Report	4	2021	4	2021

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>	Project (Number/Name) 3390 / <i>VH-92A Improvements</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
3390: <i>VH-92A Improvements</i>	10.794	34.658	41.847	45.645	-	45.645	40.448	32.179	32.711	34.794	107.202	380.278
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: 429

A. Mission Description and Budget Item Justification

VH-92A Product Improvements addresses pre-planned product improvement requirements written into the Capabilities Development Document approved by Joint Requirements Oversight Committee in Jan 2013 and updated for Milestone C. The VH-92A Improvement efforts are to provide near and long term improvements to the fleet, focusing on documented deficiencies and enhancements related to mission systems, maintainability and reliability and obsolescence issues; as well as, address deficiencies identified at the completion of Initial Operational Test and Evaluation (IOT&E); development associated with Mission Communications System (MCS) upgrades (both software and hardware), enhancements to Wideband Line of Sight (WBLOS), distributed network communications, vehicle performance enhancements, high hot performance (Power Margin) and cockpit upgrades.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Title: Product Improvement Development	13.496	20.706	25.452	0.000	25.452
Articles:	-	-	-	-	-
FY 2022 Plans: Continue developing product improvements for incremental incorporation to the VH-92A capability baseline to include enhancements to WBLOS, cockpit upgrades, GFE, shipboard interoperability, MCS hardware/software upgrades and commence the developing product improvements for distributed network communications, vehicle performance enhancements.					
FY 2023 Base Plans: Continue developing product improvements for incremental incorporation to the VH-92A capability baseline to include enhancements to advanced capabilities, cockpit upgrades, GFE, shipboard interoperability, MCS hardware/software upgrades, commence the developing product improvements for distributed network communications, new mission software capabilities, vehicle performance enhancements and high hot performance (Power Margin Inc 1).					
FY 2023 OCO Plans: N/A					
FY 2022 to FY 2023 Increase/Decrease Statement:					

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>	Project (Number/Name) 3390 / <i>VH-92A Improvements</i>				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)						
		FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Increase from FY2022 to FY2023 is required to support developmental efforts associated with correction of deficiencies identified during Initial Operational Test and Evaluation such as but not limited to, MCS, distributed network communications, vehicle performance enhancements and high hot performance (Power Margin Inc 1).						
Title: Test and Evaluation		17.457	15.852	13.864	0.000	13.864
Articles:		-	-	-	-	-
FY 2022 Plans: Continue follow on T&E for product improvements to include MCS upgrades (both software and hardware), enhancements to WBLOS, and maintain test aircraft, cockpit upgrades, shipboard interoperability and commence T&E efforts for distributed network communications, vehicle performance enhancements.						
FY 2023 Base Plans: Continue follow on T&E for product improvements to include MCS upgrades (both software and hardware), enhancements to advanced capabilities, maintain test aircraft, cockpit upgrades, shipboard interoperability, commence T&E efforts for MCS, distributed network communications, new mission software capabilities, vehicle performance enhancements and high hot performance (Power Margin Inc 1).						
FY 2023 OCO Plans: N/A						
FY 2022 to FY 2023 Increase/Decrease Statement: Decrease from FY2022 to FY2023 is due to completion of the enhancements to WBLOS efforts.						
Title: Program Management		3.705	5.289	6.329	0.000	6.329
Articles:		-	-	-	-	-
FY 2022 Plans: Continue program management support for technical reviews, risk reduction activities, contractor deliverables, configuration management, training and information assurance/cyber security. Conduct Level 3 physical security for the PHSF and commence PHSF security upgrades as required by the OPNAV instruction 5530.14						
FY 2023 Base Plans: Continue program management support for technical reviews, risk reduction activities, contractor deliverables, configuration management, training and information assurance/cyber security. Conduct Level 3 physical security						

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
for the Presidential Helicopters Support Facility (PHSF) and continue PHSF security upgrades as required by the OPNAV instruction 5530.14					
<i>FY 2023 OCO Plans:</i> N/A					
<i>FY 2022 to FY 2023 Increase/Decrease Statement:</i> Increase from FY2022 to FY2023 to support transportation, travel and continued Level 3 physical security support and security upgrades of the Presidential Helicopters Support Facility previously shared with PU 3300.					
Accomplishments/Planned Programs Subtotals	34.658	41.847	45.645	0.000	45.645

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

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• APN/0455: <i>VH-92A Executive Helo</i>	577.638	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1,867.551
• APN/0605: <i>Spares and Repair Parts</i>	160.320	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	160.320

Remarks

D. Acquisition Strategy

VH-92A Product Improvements will include trade studies, test and evaluation, cost-benefit analyses, and risk-reduction efforts to address improvements for aircraft capability, safety, operational weight, mission availability, component reliability, maintainability, software, high hot performance (Power Margin Inc 1) and obsolescence.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>	Project (Number/Name) 3390 / <i>VH-92A Improvements</i>
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Product Development - WBLOS	C/CPIF	Sikorsky Aircraft Corporation : Stratford, CT	2.891	0.000		0.000		0.000		-		0.000	0.000	2.891	2.894
Product Development - GFE	Various	Various : Various	0.000	12.590	Apr 2021	9.364	Jan 2022	9.615	Jan 2023	-		9.615	40.405	71.974	-
Systems Engineering	Various	NAVAIR : Patuxent River, MD	0.000	0.019	May 2021	0.019	May 2022	0.026	May 2023	-		0.026	47.497	47.561	-
Systems Engineering	WR	NAWCAD : Patuxent River, MD	0.177	0.887	Jan 2021	1.872	Nov 2021	4.799	Dec 2022	-		4.799	18.460	26.195	-
Product Improvements	Various	Various : Various	0.000	0.000		9.451	Feb 2022	11.013	Feb 2023	-		11.013	55.408	75.872	-
Subtotal			3.068	13.496		20.706		25.453		-		25.453	161.770	224.493	N/A

Remarks

Notes:
 Product Development GFE - Funds are required for Advanced Capabilities GFE for the Engineering Development Model (EDM) 1 and EDM 2 Aircraft and future ADCAP product improvements.

Systems Engineering (Various) - Engineering Support Contracts required to support Test Dissemination/Instrumentation Data Storage.

Systems Engineering (NAWCAD Patuxent River) - Funds are required for Engineering support for hardware maturation, Reliability and Maintainability analysis and Software Support Activity. Including additional system engineering requirements to support P3I developmental efforts listed in the Capabilities Description Document.

Product Improvements (Various) - Funds are required to Supports Mission Communications System 5.0 upgrades including Mobile Users Objective System (MUOS), VIASAT and LTE, distributed network communications, vehicle performance enhancements, high hot performance and cockpit upgrades. Includes developmental efforts associated with correction of deficiencies identified during Initial Operational Test and Evaluation such as component reliability and onboard systems performance as well as approved product improvements of the VH-92A.

Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Follow-On Test & Evaluation	WR	NAWCAD : Patuxent River, MD	7.526	16.795	Jan 2021	15.852	Nov 2021	13.717	Dec 2022	-		13.717	49.391	103.281	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>	Project (Number/Name) 3390 / <i>VH-92A Improvements</i>
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Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Follow-On Test & Evaluation	Various	NAWCWD : China Lake, CA	0.000	0.662	Jun 2021	0.000		0.000		-		0.000	0.000	0.662	-
Follow-On Test & Evaluation	Various	COTF : Norfolk, VA	0.000	0.000		0.000		0.147	Dec 2022	-		0.147	5.615	5.762	-
Subtotal			7.526	17.457		15.852		13.864		-		13.864	55.006	109.705	N/A

Remarks
Notes:
Test & Evaluation & Follow-On Test & Evaluation - Funding is required for technical and engineering support for Integrated Test & Evaluation of the VH-92A aircraft; as well as, for the continued maintenance and testing of the two (2 Qty) Engineering Development Model test aircraft. Support efforts include maintenance of test aircraft, documentation review, test planning, operational test design, test analysis and reporting and test operations.

Management Services (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management Support	Various	NAVAIR : Patuxent River, MD	0.100	1.751	Nov 2020	3.221	Nov 2021	1.418	Dec 2022	-		1.418	5.926	12.416	-
Program Management Support	WR	NAWCAD : Patuxent River, MD	0.100	1.454	Nov 2020	1.483	Nov 2021	3.774	Dec 2022	-		3.774	14.859	21.670	-
Program Management Support	Various	NAVSEA : Washington, DC	0.000	0.500	Nov 2020	0.510	Nov 2021	0.882	Dec 2022	-		0.882	7.130	9.022	-
Program Management Support	WR	FAA : Washington, DC	0.000	0.000		0.000		0.102	Dec 2022	-		0.102	1.995	2.097	-
Transportation	Various	NAVAIR : Patuxent River, MD	0.000	0.000		0.025	Oct 2021	0.025	Oct 2022	-		0.025	0.099	0.149	-
Travel	Various	NAVAIR : Patuxent River, MD	0.000	0.000		0.050	Oct 2021	0.127	Oct 2022	-		0.127	0.549	0.726	-
Subtotal			0.200	3.705		5.289		6.328		-		6.328	30.558	46.080	N/A

Remarks
Notes:

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>	Project (Number/Name) 3390 / <i>VH-92A Improvements</i>
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Proj 3390	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027							
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q				
Test & Evaluation																																
	FOT&E																															
Product Improvements																																
	Improvements & Upgrades																															

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / <i>Executive Helo Development</i>	Project (Number/Name) 3390 / <i>VH-92A Improvements</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3390</i>				
Test & Evaluation: Follow-On Test & Evaluation	1	2021	1	2027
Product Improvements: Product Improvement and Upgrades	2	2022	4	2027