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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Navy										Date: February 2018		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0604273M I (U)Executive Helo Development							
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	0.000	245.064	-	245.064	187.670	83.881	39.100	24.874	Continuing	Continuing
3300: Presidential Helicopter VH-92A	0.000	0.000	0.000	245.064	-	245.064	165.219	59.924	14.719	0.000	0.000	484.926
3390: VH-92A Improvements	0.000	0.000	0.000	0.000	-	0.000	22.451	23.957	24.381	24.874	Continuing	Continuing
Program MDAP/MAIS Code: Project MDAP/MAIS Code(s): 429												
Note Funds increase from FY 2018 to FY 2019 due to transfer of effort from PE 0604273N beginning in FY 2019.												
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, and utility.												
B. Program Change Summary (\$ in Millions)				FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total				
Previous President's Budget				0.000	0.000	0.000	-	0.000				
Current President's Budget				0.000	0.000	245.064	-	245.064				
Total Adjustments				0.000	0.000	245.064	-	245.064				
• Congressional General Reductions				-	-							
• Congressional Directed Reductions				-	-							
• Congressional Rescissions				-	-							
• Congressional Adds				-	-							
• Congressional Directed Transfers				-	-							
• Reprogrammings				-	-							
• SBIR/STTR Transfer				-	-							
• Program Adjustments				0.000	0.000	247.090	-	247.090				
• Rate/Misc Adjustments				0.000	0.000	-2.026	-	-2.026				
Change Summary Explanation Funds increase from FY 2018 to FY 2019 due to transfer of effort from PE 0604273N beginning in FY 2019.												

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<p>Technical: Not applicable.</p> <p>Schedule:</p> <ol style="list-style-type: none"> 1. The program is planning to meet the Full Rate Production (FRP) entrance criteria earlier than originally stated in the Acquisition Program Baseline (3Q FY2021), therefore the FRP milestone has moved from 3Q FY2021 to 1Q FY2021. 2. The Contractor Logistics Support completion and commencement of Interim Contractor Support has moved from 2Q FY 2021 to 1Q FY 2021 to align with the completion of the EMD contract. 3. To better align with Milestone C and contract delivery dates, Low Rate Initial Production (LRIP) Lot 1 contract award moved from 3Q FY 2019 to 2Q FY 2019 and LRIP Lot 1 delivery schedule moved from 2Q FY 2021 to 3Q FY 2021. 4. Engineering Development Model (EDM) 2 aircraft delivery shifted from 4Q FY 2018 to 1Q FY 2019 and commencement of SDTA deliveries shifted from 1Q FY 2019 to 2Q FY 2019 to align with contract delivery dates. 5. Initial Operational Test and Evaluation (IOT&E) commencement shifted right two months within 1Q FY 2020 from October to December due to align with SDTA aircraft deliveries. 6. LFT&E Report shifted from 4Q FY 2020 to 1Q FY 2021 commensurate with completion of LFT&E in 4Q FY 2018. 7. IOT&E Report completion shifted from 3Q FY 2020 to 4Q FY 2020 to align with the revised completion timeframe of IOT&E. <p>Systems Engineering: Not applicable.</p> <p>Logistics: Not applicable.</p> <p>Contracting: Not applicable.</p> <p>Deliveries:</p> <p>One (1) Engineering Development Model (EDM) aircraft Four (4) System Demonstration Test Articles (SDTA) aircraft Twelve (12) Low Rate Initial Production (LRIP) aircraft Five (5) Full Rate Production (FRP) aircraft</p>		

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Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604273M / (U)Executive Helo Development				Project (Number/Name) 3300 / Presidential Helicopter VH-92A			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
3300: Presidential Helicopter VH-92A	0.000	0.000	0.000	245.064	-	245.064	165.219	59.924	14.719	0.000	0.000	484.926
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
Project MDAP/MAIS Code: 429												
Note Funds increase from FY 2018 to FY 2019 due to transfer of effort from PE 0604273N beginning in FY 2019. For Program Elements 0604273M and 0604273N combined, the total Project Unit 3300 VH-92A Presidential Helicopter Program RDTEN Total Cost is \$2,406.2 million.												
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 for verification of Performance Based Specifications (PBS), airworthiness certification and Supportability Verification. The SDTA aircraft will be used for Initial Operational Test and Evaluation (IOT&E) and will be refurbished for Initial Operational Capability (IOC).												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: Product Development Articles:								0.000	0.000	197.599	0.000	197.599
								-	-	-	-	-
FY 2018 Plans: FY 2018 Product Development efforts are funded in PE 0604273N.												
FY 2019 Base Plans: Continue engineering support for MCS and hardware/software maturation. Deliver completed second EDM and first two SDTA aircraft and continue modification of remaining two SDTA aircraft to the VH-92A configuration. Continue Contractor Logistics Support (CLS) at NAWCAD Patuxent River to support government led Integrated Test. Continue providing GFE to prime contractor. Execute EMD Phase activities, including: integration of systems; production, qualification, and support of test articles; development of logistics products; and												

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
demonstration of system integration, interoperability, safety, and utility. Conduct Milestone C and award LRIP contract. FY 2019 OCO Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement: Project Unit 3300 was previously funded under PE0604273N, causing the appearance of an increase from FY 2018 to FY 2019. Funding actually decreases from \$394.903 million in FY 2018 to \$197.599 million in FY 2019 as the modifications of the EDM and SDTA aircraft ramp down.						
Title: Support Articles:		0.000 -	0.000 -	20.364 -	0.000 -	20.364 -
FY 2018 Plans: FY 2018 Support efforts are funded in PE 0604273N. FY 2019 Base Plans: Continue support of ALE product standup in order to support Integrated Test in FY 2019. Continue preparation of Milestone C supportability products. Continue to support procurement and delivery of CSE. Continue procurement of support equipment products. Perform Support Equipment (SE) evaluations. Continue the development and generation of task analyses and maintenance summaries. Continue Level of Repair Analyses and implementation of I-level test and check capability and repair capability. Continue all IETM development/ verification. Perform supportability test and evaluation, to include maintenance demonstrations. Support programmatic and technical reviews. FY 2019 OCO Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement: Project Unit 3300 was previously funded under PE 0604273N, causing the appearance of an increase from FY 2018 to FY 2019. Funding actually decreases from \$28.540 million in FY 2018 to \$20.364 million in FY 2019 due to EMD efforts beginning to ramp down.						
Title: Test and Evaluation Articles:		0.000 -	0.000 -	19.620 -	0.000 -	19.620 -
FY 2018 Plans:						

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
FY 2018 Test and Evaluation efforts are funded in PE 0604273N. FY 2019 Base Plans: Continue Government Integrated testing, cyber-testing and evaluation, PBS compliance verification, support equipment evaluations/assessments, instrumentation development/support and Integrated Test support at the Presidential Helicopter Support Facility. Produce test reports (Integrated Test, Operational Test, LFT&E) to support IOT&E. Conduct operational assessment and training of Operational Test Team personnel in preparation for IOT&E. Continue to mature SIL and conduct software/hardware regression testing and validation/verification. Initiate planning for Follow-On Test and Evaluation (FOT&E) to include shipboard compatibility testing and evaluation of continued development of the VH-92A System. FY 2019 OCO Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement: Project Unit 3300 was previously funded under PE 0604273N, causing the appearance of an increase from FY 2018 to FY 2019. Funding decreases from \$21.139 million in FY 2018 to \$19.620 million in FY 2019 due to EMD efforts beginning to ramp down.						
Title: Program Management Articles:		0.000 -	0.000 -	7.481 -	0.000 -	7.481 -
FY 2018 Plans: FY 2018 Program Management efforts are funded in PE 0604273N. FY 2019 Base Plans: Perform project management tasks to support Milestone C preparation, technical reviews, risk-reduction activities, contractor deliverables, configuration management, training, physical security, and information assurance/cyber security. Perform planned SRA and EAC update. Conduct Milestone C and award LRIP contract. FY 2019 OCO Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement:						

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)					FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Project Unit 3300 was previously funded under PE 0604273N. There is a slight increase from \$7.356 million in FY 2018 to \$7.481 million in FY 2019, which is due to inflation.									
Accomplishments/Planned Programs Subtotals					0.000	0.000	245.064	0.000	245.064

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

Line Item	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
• APN-4/04550: VH-92A Executive Helo	0.000	0.000	649.015	-	649.015	658.273	713.178	0.000	0.000	0.000	2,020.466
• RDTEN/0604273N: Executive Helo Development	327.770	451.938	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1,921.289
• APN-6/0605: Spares and Repair Parts	0.000	0.000	80.939	-	80.939	87.983	73.907	0.000	0.000	0.000	242.829

Remarks

D. Acquisition Strategy

The VH-92A program is integrating mature subsystems into an existing commercial helicopter under a Fixed Price Incentive Firm (FPIF) contract. The program is procuring two (2) Engineering Development Model aircraft, four (4) System Demonstration Test Article aircraft, twelve (12) Low Rate Initial Production aircraft and five (5) Full Rate Production aircraft.

E. Performance Metrics

Program performance metrics are contained in the Acquisition Program Baseline (APB) that was approved by the Milestone Decision Authority (USD(AT&L)) on 17 Apr 2014. The program's Milestone (MS) B Acquisition Decision Memorandum was signed on 17 Apr 2014. The VH-92A contract for the Engineering and Manufacturing Development phase and priced options for production was awarded on 7 May 2014. The VH-92A Program successfully completed the System Preliminary Design Review on 21 August 2015. The program conducted the Critical Design Review (CDR) in FY 2016. The program plans to conduct the Test Readiness Review, the Flight Readiness Review, and the Production Readiness Review in FY 2018. Milestone C approval is anticipated 2Q FY 2019.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Navy												Date: February 2018			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604273M / (U)Executive Helo Development				Project (Number/Name) 3300 / Presidential Helicopter VH-92A					
Product Development (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary HW Dev - VH-92A EMD Contract	C/FPIF	Sikorsky Aircraft Corporation : Stratford, CT	0.000	0.000		0.000		139.681	Oct 2018	-		139.681	110.497	250.178	250.178
Primary HW Dev - Advanced Capabilities	Various	NSMA : Arlington, VA	0.000	0.000		0.000		26.758	Feb 2019	-		26.758	33.157	59.915	-
Primary HW Dev - VH-92A MCS Design	WR	NAWCAD : St. Inigoes, MD	0.000	0.000		0.000		5.555	Nov 2018	-		5.555	9.383	14.938	-
Primary HW Dev - VH-92A GFE	Various	Various : Various	0.000	0.000		0.000		9.170	Nov 2018	-		9.170	0.000	9.170	-
Systems Engineering	WR	NAWCAD : Patuxent River, MD	0.000	0.000		0.000		13.918	Nov 2018	-		13.918	21.215	35.133	-
Training	WR	NAWCTSD : Orlando, FL	0.000	0.000		0.000		2.517	Nov 2018	-		2.517	5.560	8.077	-
Prior year Hdw Dev cost no longer funded in the FYDP	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Subtotal			0.000	0.000		0.000		197.599		-		197.599	179.812	377.411	N/A
Remarks															
FUNDING PROFILE: The Target Value of the Primary Hardware Development EMD contract has been updated to include the contract CLINS for the Firm Fixed Price Test Spares and the Delivery Incentives. This Target Value reflects the total value of the EMD contract for PE 0604273M. The total value of the EMD contract is \$1,560.633 million to include \$1,310.455 million funded by PE 0604273N.															
FINANCIAL PERFORMANCE: The VH-92A EMD is a Fixed Price Incentive contract with Performance Based Payments. The VH-92A program will lag OSD traditional expenditure benchmarks. The program must obligate 100 percent of the funding required by the contractor for incurred costs, termination liability, and profit. However, the program is limited to paying the contractor only 90 percent of the performance based costs and profit. Mandatory funding obligations and payment withholds will cause the program to lag traditional expenditure benchmarks, painting an inaccurate portrait of overall program health.															
ACRONYMS:															
EMD = Engineering & Manufacturing Development															
MCS = Mission Communications System															
GFE = Government Furnished Equipment															

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Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604273M / (U)Executive Helo Development						Project (Number/Name) 3300 / Presidential Helicopter VH-92A			
Support (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	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	0.000		0.000		7.873	Nov 2018	-		7.873	11.334	19.207	-
Integrated Logistics Support	WR	FRC : Cherry Point, NC	0.000	0.000		0.000		8.284	Nov 2018	-		8.284	8.814	17.098	-
Integrated Logistics Support	WR	NAWCAD : Lakehurst, NJ	0.000	0.000		0.000		1.505	Nov 2018	-		1.505	1.772	3.277	-
Integrated Logistics Support	WR	SPAWAR : San Diego, CA	0.000	0.000		0.000		0.698	Nov 2018	-		0.698	0.504	1.202	-
Integrated Logistics Support	Various	NAVAIR : Patuxent River, MD	0.000	0.000		0.000		2.004	Sep 2019	-		2.004	1.935	3.939	-
Prior year support cost no longer funded in the FYDP	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Subtotal			0.000	0.000		0.000		20.364		-		20.364	24.359	44.723	N/A
Remarks FUNDING PROFILE: Integrated Logistics Support (NAWCAD Patuxent River) - ILS acquisition and management of the VH-92A aircraft. Evaluate contractor development of ILS efforts, Supportability Test & Evaluation, Intermediate & Depot level repair capability development. Integrated Logistics Support (FRC Cherry Point) - VH-92A maintenance planning, reliability centered maintenance (RCM), logistics support analysis efforts, level of repair analysis and IETMS development. Integrated Logistics Support (NAWCAD Lakehurst) - SE planning and analysis to include procurement of CSE, development of support equipment requirements data (SERDs) and logistics support products for SE and SE test and evaluation. Funds previously planned in the Integrated Logistics Support- CSE line in President's Budget FY 2018 has been moved to this line due to updated procurement strategies. Integrated Logistics Support (SPAWAR San Diego) - Architecture development and software integration to include certification and accreditation of the VH-92A ALE.															
Test and Evaluation (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	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	0.000		0.000		12.300	Nov 2018	-		12.300	20.283	32.583	-
Development Test & Evaluation	WR	NAWCWD : Point Mugu, CA	0.000	0.000		0.000		0.014	Nov 2018	-		0.014	0.042	0.056	-

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Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604273M / (U)Executive Helo Development				Project (Number/Name) 3300 / Presidential Helicopter VH-92A					
Test and Evaluation (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Test & Evaluation	MIPR	JITC : Ft. Huachuca, AZ	0.000	0.000		0.000		0.048	Oct 2018	-		0.048	0.043	0.091	-
Live Fire Test & Evaluation	WR	NAWCWD : China Lake, CA	0.000	0.000		0.000		2.115	Nov 2018	-		2.115	1.724	3.839	-
Operational Test & Evaluation	WR	COTF : Norfolk, VA	0.000	0.000		0.000		1.143	May 2019	-		1.143	1.093	2.236	-
Integrated Test & Evaluation	C/FFP	TBD : Patuxent River, MD	0.000	0.000		0.000		4.000	Oct 2018	-		4.000	0.000	4.000	4.000
Subtotal			0.000	0.000		0.000		19.620		-		19.620	23.185	42.805	N/A
Remarks															
Development Test & Evaluation (NAWCAD Patuxent River) - Support for developmental test & evaluation, contractor test (CT), government led Integrated Test, Operational Assessment (OA), system integration lab, T&E instrumentation design, procurement, calibration, and tooling.															
Development Test & Evaluation (NAWCWD Point Mugu) - Cyber Security T&E.															
Development Test & Evaluation (JITC) - Joint Interoperability Test Certification.															
Live Fire Test & Evaluation (NAWCWD China Lake) - LFT&E test planning/documentation and conduct of LFT&E test events.															
Operational Test & Evaluation (COTF) - Technical and engineering support in support of Operational Test and Integrated Test and evaluation of the VH-92A aircraft. Support efforts include documentation review, test planning, operational test design, test analysis and reporting and test operations.															
Integrated Test & Evaluation (TBD: Patuxent River) - Lease of a training asset in support of test pilot proficiency training.															
Management Services (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	WR	NAWCAD : Patuxent River, MD	0.000	0.000		0.000		4.962	Nov 2018	-		4.962	8.208	13.170	-
Program Management Support	Various	NAVAIR : Patuxent River, MD	0.000	0.000		0.000		2.312	Dec 2018	-		2.312	3.916	6.228	-
Transportation	Various	NAVAIR : Patuxent River, MD	0.000	0.000		0.000		0.050	Oct 2018	-		0.050	0.075	0.125	-
Travel	Various	NAVAIR : Patuxent River, MD	0.000	0.000		0.000		0.157	Oct 2018	-		0.157	0.307	0.464	-
Subtotal			0.000	0.000		0.000		7.481		-		7.481	12.506	19.987	N/A

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					Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals					0.000	0.000		0.000		245.064		-		245.064	239.862	484.926	N/A
Remarks																	

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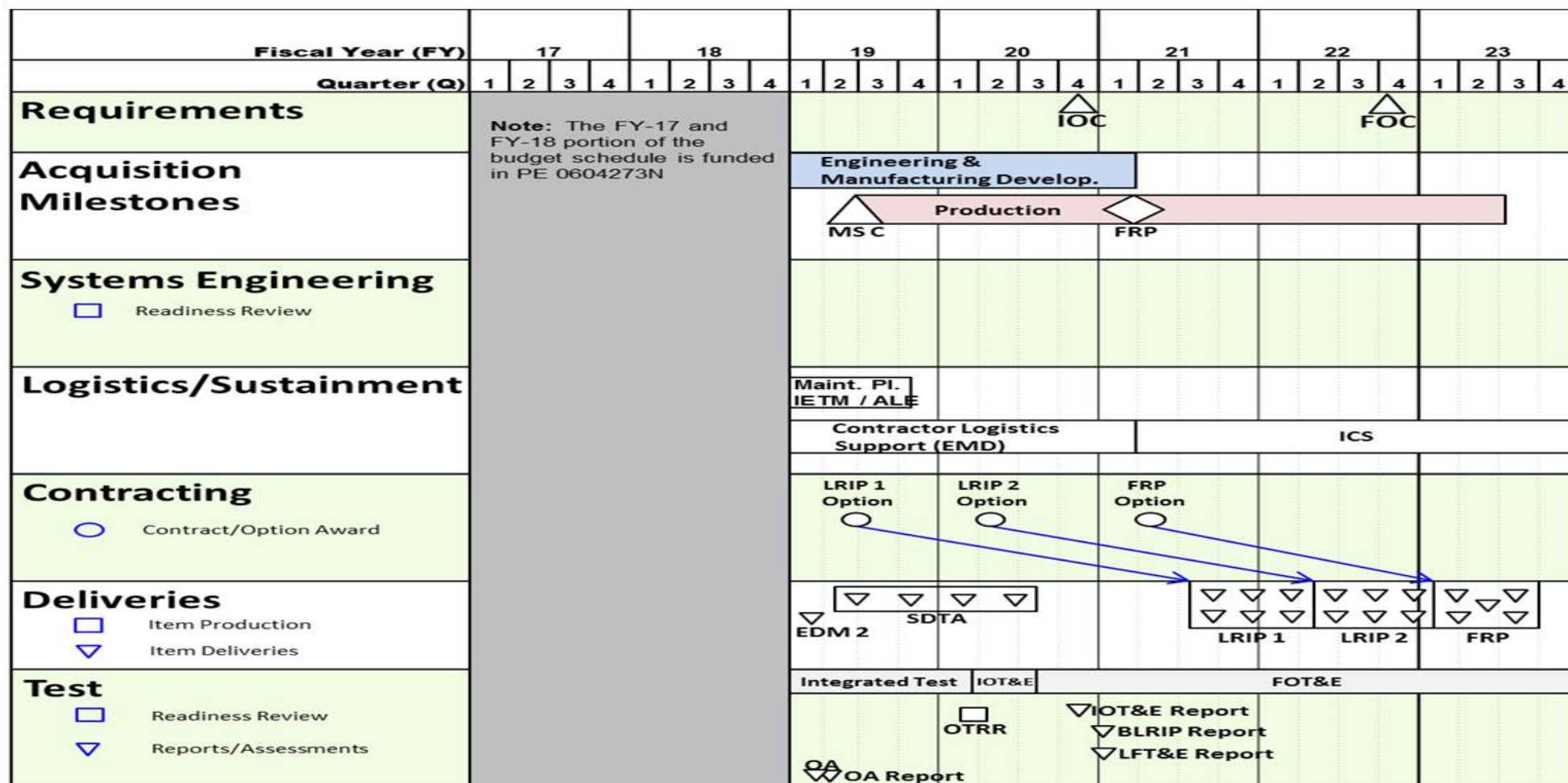
Exhibit R-4, RDT&E Schedule Profile: PB 2019 Navy

Date: February 2018

Appropriation/Budget Activity
1319 / 5

R-1 Program Element (Number/Name)
PE 0604273M / (U)Executive Helo
Development

Project (Number/Name)
3300 / Presidential Helicopter VH-92A



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Exhibit R-4A, RDT&E Schedule Details: PB 2019 Navy			Date: February 2018
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604273M / (U)Executive Helo Development	Project (Number/Name) 3300 / Presidential Helicopter VH-92A	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Presidential Helicopter VH-92A				
Requirements: Initial Operational Capability	4	2020	4	2020
Requirements: Full Operational Capability	4	2022	4	2022
Acquisition Milestones: Engineering & Manufacturing Development	1	2019	1	2021
Acquisition Milestones: Production	2	2019	3	2023
Acquisition Milestones: MS C	2	2019	2	2019
Acquisition Milestones: Full Rate Production Decision	1	2021	1	2021
Logistics/Sustainment: Maintenance Planning / IETM / ALE	1	2019	4	2019
Logistics/Sustainment: Contractor Logistics Support (EMD)	1	2019	1	2021
Logistics/Sustainment: Interim Contractor Support	1	2021	4	2023
Contracting: LRIP Lot 1 APN	2	2019	2	2019
Contracting: LRIP Lot 2 APN	2	2020	2	2020
Contracting: FRP APN	2	2021	2	2021
Deliveries: EDM 2	1	2019	1	2019
Deliveries: System Demonstration Test Article (SDTA) Aircraft 1	2	2019	2	2019
Deliveries: System Demonstration Test Article (SDTA) Aircraft 2	4	2019	4	2019
Deliveries: System Demonstration Test Article (SDTA) Aircraft 3	1	2020	1	2020
Deliveries: System Demonstration Test Article (SDTA) Aircraft 4	2	2020	2	2020
Deliveries: Low Rate Initial Production - Lot 1 (APN)	3	2021	2	2022
Deliveries: Low Rate Initial Production - Lot 2 (APN)	2	2022	1	2023
Deliveries: Full Rate Production (APN)	1	2023	3	2023
Test: Developmental Test - Integrated Test	1	2019	1	2020

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		Start		End	
Events by Sub Project		Quarter	Year	Quarter	Year
Test: Live Fire Test & Evaluation Report		1	2021	1	2021
Test: Operational Assessment		1	2019	1	2019
Test: Operational Assessment Report		2	2019	2	2019
Test: Operational Test Readiness Review		1	2020	1	2020
Test: Initial Operational Test & Evaluation		1	2020	3	2020
Test: Initial Operational Test & Evaluation Report		4	2020	4	2020
Test: Follow-on Test & Evaluation		3	2020	4	2023
Test: Beyond Low Rate Initial Production Report		1	2021	1	2021

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy										Date: February 2018		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604273M / (U)Executive Helo Development				Project (Number/Name) 3390 / VH-92A Improvements			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
3390: VH-92A Improvements	0.000	0.000	0.000	0.000	-	0.000	22.451	23.957	24.381	24.874	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

VH-92A Product Improvement addresses pre-planned product improvement requirements written into the VXX Capabilities Development Document approved by Joint Requirements Oversight Committee in Jan 2013. The VH-92A Improvement project provides near and long term improvements to the fleet, focusing on documented deficiencies related to mission systems, maintainability and reliability and obsolescence issues. The project addresses development associated with Mission Communications System upgrades (both software and hardware), enhancements to Wideband Line of Sight, enhanced visual system, and cockpit upgrades.