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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Navy										Date: May 2017		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0604273N I (U)Executive Helo Development							
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	650.892	490.768	338.357	451.938	-	451.938	248.962	190.668	85.321	56.438	218.200	2,731.544
3300: Presidential Helicopter VH-92A	650.892	490.768	338.357	451.938	-	451.938	248.962	167.801	60.839	31.468	0.000	2,441.025
3390: VH-92A Improvements	0.000	0.000	0.000	0.000	-	0.000	0.000	22.867	24.482	24.970	218.200	290.519
Program MDAP/MAIS Code: Project MDAP/MAIS Code(s): 429												
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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total				
Previous President's Budget				507.093	338.357	478.404	-	478.404				
Current President's Budget				490.768	338.357	451.938	-	451.938				
Total Adjustments				-16.325	0.000	-26.466	-	-26.466				
• Congressional General Reductions				-	-							
• Congressional Directed Reductions				-	-							
• Congressional Rescissions				-	-							
• Congressional Adds				-	-							
• Congressional Directed Transfers				-	-							
• Reprogrammings				-	-							
• SBIR/STTR Transfer				-16.324	0.000							
• Program Adjustments				0.000	0.000	-26.800	-	-26.800				
• Rate/Misc Adjustments				-0.001	0.000	0.334	-	0.334				
Change Summary Explanation												
PU: 3300												
Cost: The program removed \$26.800M from FY2018 to align funds with the work being performed in that fiscal year.												

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<p>Technical: Not applicable.</p> <p>Schedule: Not applicable.</p> <p>Systems Engineering: Not applicable.</p> <p>Logistics: Not applicable.</p> <p>Contracting: Not applicable.</p> <p>Deliveries: System Demonstration Test Article (SDTA) Low Rate Initial Production (LRIP)</p> <p>1. LRIP Lot 1 extended to 1Q FY 2022. 2. EDM-1 delivery moved from 2Q FY 2018 to 3Q FY 2018; however, it is on schedule to deliver prior to the contract delivery date of 30 June 2018.</p> <p>Test 1. Integrated Test & Evaluation moved from 2Q FY 2018 to 3Q FY 2018.</p>		

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Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604273N / (U)Executive Helo Development				Project (Number/Name) 3300 / Presidential Helicopter VH-92A			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
3300: Presidential Helicopter VH-92A	650.892	490.768	338.357	451.938	-	451.938	248.962	167.801	60.839	31.468	0.000	2,441.025
Quantity of RDT&E Articles	2	2	2	-	-	-	-	-	-	-		
Project MDAP/MAIS Code: 429												
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 be refurbished for Initial Operational Capability (IOC).												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)												
							FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	
Title: Product Development							460.645	291.208	399.949	0.000	399.949	
Articles:							2	2	-	-	-	
FY 2016 Accomplishments: Conduct system level Critical Design Review (CDR). Support engineering efforts for Mission Communication System (MCS) and hardware/software maturation. Continue Wideband Line of Sight (WBLoS) integration efforts. Continue providing government furnished equipment (GFE) to prime contractor. Conduct Training system Preliminary Design Review (PDR). Modify two engineering development model (EDM) aircraft to the VH-92A configuration. Execute other Engineering and Manufacturing Development (EMD) 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.												
FY 2017 Plans: Begin Contractor Test (CT) for Federal Aviation Administration (FAA) airworthiness certification. Conduct Training system CDR. Continue engineering support for MCS and hardware/software maturation. Continue modification of two EDM aircraft and commence modification of SDTA aircraft to the VH-92A configuration. Continue providing GFE to prime contractor. Execute EMD Phase activities, including: integration of systems;												

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
production, qualification, and support of test articles; development of logistics products; and demonstration of system integration, interoperability, safety, and utility. FY 2018 Base Plans: Continue CT for FAA airworthiness certification. Conduct Production Readiness Review (PRR). Continue engineering support for MCS and hardware/software maturation. Finalize modification and delivery of two EDM aircraft. Continue modification of SDTA aircraft to the VH-92A configuration. Commence government led Integrated Test. Complete Ready-for-Training (RFT) to include the Maintenance Training Device (MTD), Flight Training Device (FTD), Systems Emulation Maintenance Trainer (SEMT) and courseware. Commence 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 demonstration of system integration, interoperability, safety, and utility. FY 2018 OCO Plans: N/A						
Title: Support <div>Articles:</div>		15.453	25.512	27.605	0.000	27.605
FY 2016 Accomplishments: Continue basic air vehicle VH-92A Interactive Electronic Technical Manual (IETM) development. Complete preliminary maintenance plans. Develop support equipment requirements data (SERDs). Procure common support equipment (CSE). Continue development of incremental products to include maintenance task analyses for individual systems of the aircraft. Continue the development and generation of logistics products to include Automated Logistics Environment (ALE), task analyses, maintenance summaries and IETMs. Continue support for programmatic and technical reviews. FY 2017 Plans: Finalize ALE product development in order to support Integrated Test in FY 2018. Commence ALE stand up at the Presidential Helicopter Support Facility and Marine Helicopter Squadron One (HMX-1). Continue basic air vehicle IETM development/verification and commence VH-92A specific IETM development. Continue development of SERDs. Continue procurement of CSE. Monitor new and modified support equipment development. Continue the development and generation of task analyses and maintenance summaries and		-	-	-	-	-

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
IETMs. Support programmatic and technical reviews. Increase staffing to support VH-92A specific IETM development. FY 2018 Base Plans: Continue support of ALE product standup in order to support Integrated Test in FY 2018. Conduct Production Readiness Review (PRR). Continue to support procurement and delivery of CSE. Perform Support Equipment (SE) evaluations. Continue the development and generation of task analyses and maintenance summaries. Continue all IETM development/verification. Perform supportability test and evaluation, to include maintenance demonstrations. Support programmatic and technical reviews. FY 2018 OCO Plans: N/A						
Title: Test and Evaluation Articles:		8.375 -	15.237 -	17.028 -	0.000 -	17.028 -
FY 2016 Accomplishments: Continue support of VH-92A Developmental Test/Operational Test/Live Fire Test & Evaluation (DT/OT/LFT&E) test and evaluation planning and documentation. Continue System Integration Lab (SIL) development to include procurement of components for installation and integration. Continue LFT&E activities by procuring components, conducting LFT&E events, analyzing test result data, and generating requisite reports. FY 2017 Plans: Continue support of VH-92A DT/OT/LFT&E test and evaluation planning and documentation. Produce Integrated Test Plans, oversee contractor testing, support equipment evaluations/assessments, and instrumentation development/support. Commence detailed planning and preparation, engineering and flight test support for government led Integrated Test. Continue LFT&E events. Monitor contractor testing in support of airworthiness certification, specification compliance, and government verification planning. Finalize SIL build to support MCS software/hardware validation/verification. Commence cyber-testing and evaluation. Acquire additional spares for SIL. Commence preparation efforts for Test Readiness Review/Flight Readiness Review (TRR/FRR). FY 2018 Base Plans: Conduct TRR/FRR. Continue cyber-testing and evaluation, Performance Based Specification (PBS) compliance verification, support equipment evaluations/assessments, instrumentation development/support and Integrated Test support at the Presidential Helicopter Support Facility. Transition from contractor led to government led						

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Integrated Test. Conduct government led Integrated Test phase to include cybersecurity T&E and training systems assessment. Conduct Operational Assessment Maturity Review (OAMR). Conduct Operational Assessment. Produce test reports (Integrated Test, LFT&E) to support Operational Test and Milestone C. Continue to mature SIL and conduct software/hardware regression testing and validation/verification. Conduct maintenance on test bed aircraft and support equipment. FY 2018 OCO Plans: N/A						
Title: Program Management Articles: FY 2016 Accomplishments: Participate in the Critical Design Review (CDR). Perform project management tasks to support technical reviews, risk-reduction activities, contractor deliverables, cost and schedule assessments, configuration management, training, physical security, and information assurance/cyber security. Conduct a Schedule Risk Assessment (SRA) and perform an Estimated At Complete (EAC) update. FY 2017 Plans: Perform project management tasks to support technical reviews, risk-reduction activities, contractor deliverables, configuration management, training, physical security, and information assurance/cybersecurity. Perform planned SRA and EAC update. FY 2018 Base Plans: Conduct Production Readiness Review (PRR). Perform project management tasks to support Milestone C preparation, technical reviews, risk-reduction activities, contractor deliverables, configuration management, training, physical security, and information assurance/cybersecurity. Perform planned SRA and EAC update. FY 2018 OCO Plans: N/A		6.295 -	6.400 -	7.356 -	0.000 -	7.356 -
Accomplishments/Planned Programs Subtotals		490.768	338.357	451.938	0.000	451.938

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C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
• APN-4/04550: VH-92A Executive Helo	0.000	0.000	0.000	-	0.000	684.987	694.780	750.183	0.000	0.000	2,129.950
• APN-6/04550: Spares and Repair Parts	0.000	0.000	0.000	-	0.000	54.462	80.215	65.704	0.000	0.000	200.381
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's Milestone (MS) B review was completed on 21 Mar 2014, the MS B Acquisition Decision Memorandum was signed on 17 Apr 2014, and 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.											
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 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.											

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Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Navy												Date: May 2017			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604273N / (U)Executive Helo Development				Project (Number/Name) 3300 / Presidential Helicopter VH-92A					
Product Development (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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	336.383	403.516	Oct 2015	228.859	Oct 2016	335.483	Oct 2017	-		335.483	186.208	1,490.449	1,490.449
Primary HW Dev - Advanced Capabilities	Various	NSMA : Arlington, VA	73.291	26.328	Feb 2016	36.855	Feb 2017	36.315	Feb 2018	-		36.315	150.942	323.731	-
Primary HW Dev - VH-92A MCS Design	WR	NAWCAD : St. Inigoes, MD	39.831	13.250	Nov 2015	4.769	Nov 2016	2.855	Nov 2017	-		2.855	9.939	70.644	-
Primary HW Dev - Wideband Line of Sight	MIPR	US Army : APG, MD	10.110	0.000		0.000		0.000		-		0.000	0.000	10.110	-
Primary HW Dev - VH-92A GFE	Various	Various : Various	3.400	1.307	Nov 2015	2.834	Nov 2016	5.023	Nov 2017	-		5.023	0.000	12.564	-
Systems Engineering	WR	NAWCAD : Patuxent River, MD	49.251	14.460	Nov 2015	16.295	Nov 2016	18.624	Nov 2017	-		18.624	40.079	138.709	-
Training	WR	NAWCTSD : Orlando, FL	1.005	1.785	Nov 2015	1.596	Nov 2016	1.649	Nov 2017	-		1.649	12.251	18.286	-
Prior year Hdw Dev cost no longer funded in the FYDP	Various	Various : Various	14.855	0.000		0.000		0.000		-		0.000	0.000	14.855	-
Subtotal			528.126	460.646		291.208		399.949		-		399.949	399.419	2,079.348	-
Remarks															
FUNDING PROFILE: Based on the updated estimates and schedules, the FY 2017 funding request was reduced by \$210.1M to better align program funding with future work. The combined FY 2016 and FY 2017 Total Obligation Authority of \$829.125M fully funded the program requirements in those fiscal years. The reduction in FY 2017 caused the appearance of a large increase in FY 2018. However, the funding in FY 2018 has remained constant and accurately aligns with the work being performed in FY 2018. In order to maintain the VH-92A program schedule, FY 2018 funds are required for the final modification of the two EDM aircraft, build of the four SDTA aircraft, government led integrated testing including the Test Readiness Review, Flight Readiness Review and the Production Readiness Review.															
FINANCIAL PERFORMANCE: The VH-92A EMD is a FPIF 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. Additionally, DCMA is withholding another 3 percent for contractor uncertified systems. 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															

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Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604273N / (U)Executive Helo Development				Project (Number/Name) 3300 / Presidential Helicopter VH-92A					

Product Development (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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
GFE = Government Furnished Equipment															

Support (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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 - Common Support Equipment	Various	Various : Various	0.000	0.000	Apr 2016	0.923	Nov 2016	3.352	Nov 2017	-		3.352	0.000	4.275	-
Integrated Logistics Support	WR	NAWCAD : Patuxent River, MD	19.645	4.359	Nov 2015	11.121	Nov 2016	10.746	Nov 2017	-		10.746	16.360	62.231	-
Integrated Logistics Support	WR	FRC : Cherry Point, NC	4.675	5.658	Nov 2015	10.104	Nov 2016	10.007	Nov 2017	-		10.007	16.165	46.609	-
Integrated Logistics Support	WR	NAWCAD : Lakehurst, NJ	1.337	4.845	Nov 2015	1.205	Nov 2016	1.416	Nov 2017	-		1.416	3.215	12.018	-
Integrated Logistics Support	WR	SPAWAR : San Diego, CA	1.008	0.591	Nov 2015	2.159	Nov 2016	2.084	Nov 2017	-		2.084	2.116	7.958	-
Prior year support cost no longer funded in the FYDP	Various	Various : Various	5.589	0.000		0.000		0.000		-		0.000	0.000	5.589	-
Subtotal			32.254	15.453		25.512		27.605		-		27.605	37.856	138.680	-

Remarks
 Integrated Logistics Support - Common Support Equipment (Various) - Government support equipment development/procurement.
 Integrated Logistics Support (NAWCAD Patuxent River) - Integrated logistics support (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) - Support Equipment planning and analysis to include procurement of Common Support Equipment (CSE), development of SERDs and logistics support products for SE and SE test and evaluation.
 Integrated Logistics Support (SPAWAR San Diego) - Architecture development and software integration to include certification and accreditation of the VH-92A Automated Logistics Environment.

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Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604273N / (U)Executive Helo Development				Project (Number/Name) 3300 / Presidential Helicopter VH-92A					
Test and Evaluation (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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	9.454	4.112	Nov 2015	8.509	Nov 2016	14.113	Nov 2017	-		14.113	49.878	86.066	-
Development Test & Evaluation	WR	NAWCWD : Point Mugu, CA	0.087	0.007	Nov 2015	0.013	Nov 2016	0.014	Nov 2017	-		0.014	0.042	0.163	-
Development Test & Evaluation	MIPR	JITC : Ft. Huachuca, AZ	0.032	0.024	Oct 2015	0.025	Oct 2016	0.045	Oct 2017	-		0.045	0.158	0.284	-
Live Fire Test & Evaluation	WR	NAWCWD : China Lake, CA	4.459	3.330	Nov 2015	5.530	Nov 2016	1.614	Nov 2017	-		1.614	3.282	18.215	-
Operational Test & Evaluation	WR	COTF : Norfolk, VA	0.844	0.901	May 2016	1.160	May 2017	1.242	May 2018	-		1.242	1.543	5.690	-
Subtotal			14.876	8.374		15.237		17.028		-		17.028	54.903	110.418	-
Remarks															
Development Test & Evaluation (NAWCAD Patuxent River) - Support for developmental test & evaluation, government led Integrated Test, system integration lab, T&E instrumentation design, procurement, calibration, and tooling, aircraft and support equipment maintenance.															
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.															
Management Services (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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	48.103	6.095	Nov 2015	6.300	Nov 2016	7.256	Nov 2017	-		7.256	16.485	84.239	-
Transportation	Various	NAVAIR : Patuxent River, MD	0.185	0.100	Oct 2015	0.025	Oct 2016	0.025	Oct 2017	-		0.025	0.100	0.435	-
Travel	Various	NAVAIR : Patuxent River, MD	0.249	0.100	Oct 2015	0.075	Oct 2016	0.075	Oct 2017	-		0.075	0.307	0.806	-

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Management Services (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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
Prior year Mgmt Svcs cost no longer funded in the FYDP	Various	Various : Various	27.099	0.000		0.000		0.000		-		0.000	0.000	27.099	-
Subtotal			75.636	6.295		6.400		7.356		-		7.356	16.892	112.579	-
			Prior Years	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			650.892	490.768		338.357		451.938		-		451.938	509.070	2,441.025	-
Remarks															

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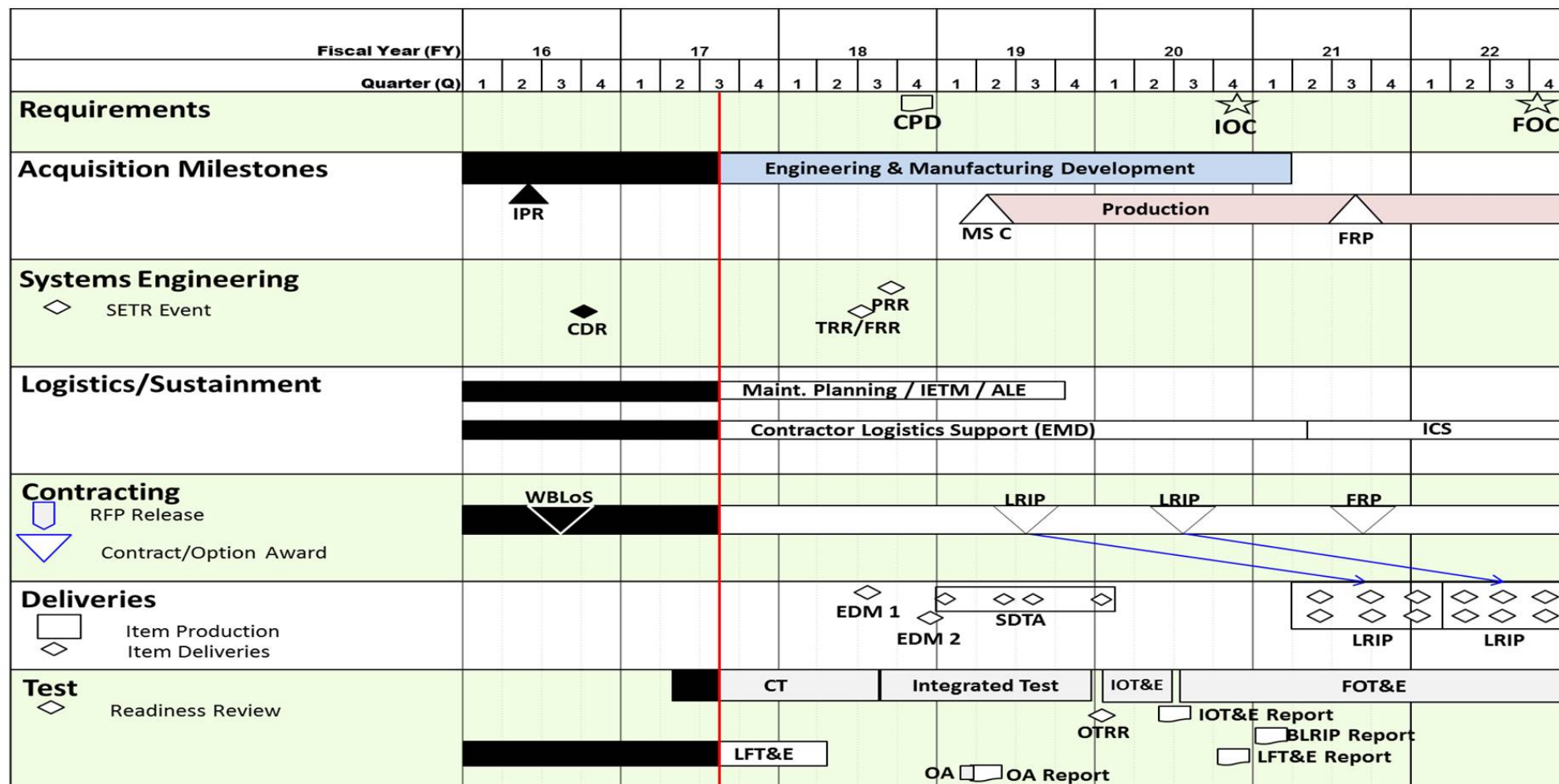
Exhibit R-4, RDT&E Schedule Profile: FY 2018 Navy

Date: May 2017

Appropriation/Budget Activity
1319 / 5

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

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



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Exhibit R-4A, RDT&E Schedule Details: FY 2018 Navy			Date: May 2017
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Presidential Helicopter VH-92A				
Requirements: Capabilities Production Document	4	2018	4	2018
Requirements: Initial Operational Capability	4	2020	4	2020
Requirements: Full Operational Capability	4	2022	4	2022
Acquisition Milestones: Engineering & Manufacturing Development	1	2016	1	2021
Acquisition Milestones: Production	2	2019	4	2022
Acquisition Milestones: In Process Review	2	2016	2	2016
Acquisition Milestones: MS C	2	2019	2	2019
Acquisition Milestones: Full Rate Production Decision	3	2021	3	2021
Systems Engineering: Critical Design Review	4	2016	4	2016
Systems Engineering: Test Readiness Review/Flight Readiness Review (TRR/FRR)	3	2018	3	2018
Systems Engineering: Production Readiness Review	3	2018	3	2018
Logistics/Sustainment: Maintenance Planning / IETM / ALE	1	2016	4	2019
Logistics/Sustainment: Contractor Logistics Support (EMD)	1	2016	2	2021
Logistics/Sustainment: Interim Contractor Support	2	2021	4	2022
Contracting: Wideband Line of Sight	3	2016	3	2016
Contracting: LRIP Lot 1 APN	3	2019	3	2019
Contracting: LRIP Lot 2 APN	3	2020	3	2020
Contracting: FRP APN	3	2021	3	2021
Deliveries: EDM 1	3	2018	3	2018
Deliveries: EDM 2	4	2018	4	2018
Deliveries: System Demonstration Test Article (SDTA) Aircraft 1	1	2019	1	2019

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Exhibit R-4A, RDT&E Schedule Details: FY 2018 Navy

Date: May 2017

Appropriation/Budget Activity

1319 / 5

R-1 Program Element (Number/Name)

PE 0604273N / (U)Executive Helo
Development

Project (Number/Name)

3300 / Presidential Helicopter VH-92A

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Deliveries: System Demonstration Test Article (SDTA) Aircraft 2	2	2019	2	2019
Deliveries: System Demonstration Test Article (SDTA) Aircraft 3	3	2019	3	2019
Deliveries: System Demonstration Test Article (SDTA) Aircraft 4	1	2020	1	2020
Deliveries: Low Rate Initial Production - Lot 1 (APN)	2	2021	1	2022
Deliveries: Low Rate Initial Production - Lot 2 (APN)	2	2022	4	2022
Test: Developmental Test - Contractor Test	2	2017	3	2018
Test: Developmental Test - Integrated Test	3	2018	4	2019
Test: Live Fire Test & Evaluation	1	2016	2	2018
Test: Live Fire Test & Evaluation Report	4	2020	4	2020
Test: Operational Assessment & Operational Assessment Report	2	2019	2	2019
Test: Operational Test Readiness Review	1	2020	1	2020
Test: Initial Operational Test & Evaluation	1	2020	2	2020
Test: Initial Operational Test & Evaluation Report	2	2020	3	2020
Test: Follow-on Test & Evaluation	3	2020	4	2022
Test: Beyond Low Rate Initial Production Report	1	2021	1	2021

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy										Date: May 2017		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604273N / (U)Executive Helo Development				Project (Number/Name) 3390 / VH-92A Improvements			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
3390: VH-92A Improvements	0.000	0.000	0.000	0.000	-	0.000	0.000	22.867	24.482	24.970	218.200	290.519
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; updates mission communication system based on new required capabilities 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.