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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Navy **Date:** February 2016

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	1,815.500	18.653	46.921	116.761	-	116.761	164.999	142.820	65.642	67.405	Continuing	Continuing
3063: <i>EA-18G Development</i>	1,815.500	18.653	46.921	116.761	-	116.761	164.999	142.820	65.642	67.405	Continuing	Continuing

Program MDAP/MAIS Code: 378

A. Mission Description and Budget Item Justification

Decrease in EA-18 SQUADRONS by \$4.853M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.

The EA-18G is replacing the EA-6B aircraft as the primary Electronic Attack platform supporting the Navy and Marine Corps, as the EA-6B is fully phased out the EA-18G will be the sole EA aircraft in the inventory. Capabilities of the EA-18G weapon system and ancillary equipment can be upgraded to accommodate and incorporate new or enhanced weapons as well as advances in technology to respond effectively to emerging future threats. E/A-18G "Flight Plan" spiral capability development is critical to the baseline of the EA-18G next generation mission system capability and maintaining tactical relevance in support of Navy Aviation Plan 2030. Development continues for design and integration of avionics systems, integration of Jamming Techniques Optimization improvements, evolutionary software upgrades via the System Configuration Set block builds and related testing. Continued advanced development engineering for improvements in reliability and maintainability are required to ensure maximum benefit is achieved through reduced cost of ownership and to provide enhanced availability.

The FY 2017 funding request was increased by \$45M for improvements to the ALQ-218 Complex Emitter. This funds a combination hardware/software solution to the ALQ-218 receiver to enable low band geo-location, faster geo-location response times, improved location, identification, and probability of intercept by enabling the EA-18G to detect and identify radio frequency emitters with complex waveforms that typically are not able to be detected or identified using traditional methods. Provide foundational capabilities needed in the Digital Memory Unit and processor elements of the ALQ-218.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>
Previous President's Budget	18.730	56.921	47.261	-	47.261
Current President's Budget	18.653	46.921	116.761	-	116.761
Total Adjustments	-0.077	-10.000	69.500	-	69.500
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-10.000			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.077	0.000			
• Program Adjustments	0.000	0.000	44.465	-	44.465
• Rate/Misc Adjustments	0.000	0.000	25.035	-	25.035

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Appropriation/Budget Activity
1319: *Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)*

R-1 Program Element (Number/Name)
PE 0604269N / *EA-18 Squadrons*

Change Summary Explanation

Technical: FYDP Improvements to the ALQ-218 complex emitter to significantly improve lowband geo-location, signal detection, and identification capabilities. FY17 increase to system engineering efforts to ALQ-218 requirement and realignment of Integrated Capability Package-3 requirements for execution purposes.

Schedule: Not applicable.

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy										Date: February 2016		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons				Project (Number/Name) 3063 / EA-18G Development			
COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
3063: EA-18G Development	1,815.500	18.653	46.921	116.761	-	116.761	164.999	142.820	65.642	67.405	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The EA-18G is the replacement aircraft for the EA-6B. The EA-18G development program upgrades the EA-6B's Airborne Electronic Attack capability to detect, identify, locate and suppress hostile emitters; provides enhanced connectivity to National, Theater and Strike assets; and provides organic precision emitter targeting for employment of onboard suppression weapons (High-speed Anti-Radiation Missile family) to fulfill operational requirements. The performance of the aircraft is compatible with the primary strike/fighter aircraft projected to be in the inventory, allowing it to be fully integrated into specific strike packages.

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

	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: EA-18G Design and Avionics Integration	0.450	14.164	59.799	0.000	59.799
Articles:	-	-	-	-	-
<p>Description: The EA-18G has the capability to operate autonomously or as a major node in a network-centric operation and is being designed to perform a range of Electronic Warfare/Electronic Attack functions either simultaneously or independently. Funding will be utilized for design and integration of avionics systems into the EA-18G.</p> <p>FY 2015 Accomplishments: Continued integration of improvements developed through the Jamming Techniques Optimization teams.</p> <p>FY 2016 Plans: Continue integration of improvements developed through the Jamming Techniques Optimization teams. Addition of ALQ-218 complex emitter upgrade to improve low band geo-location, signal detection, and identification capabilities necessary for complex emitter geo-location and identification.</p> <p>FY 2017 Base Plans: Continue integration of improvements developed through the Jamming Techniques Optimization teams. Continue and increase engineering, flight hours and test efforts for ALQ-218 complex emitter upgrade requirements to improve low band geo-location, signal detection, and identification capabilities necessary for complex emitter geo-location and identification. Funds will support a combined hardware/software solution to provide significant capability enhancements to the ALQ-218 which are required to address evolving threats. To incorporate those ALQ-218 complex emitter upgrades with the System Configuration Sets (SCS) fleet releases on EA-18G, an increase in engineering, system integration, SCS development, Operational Flight Program re-</p>					

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons	Project (Number/Name) 3063 / EA-18G Development			
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)					
hosting, test planning, materials, lab equipment, and lab/flight testing is being funded as part of the FY17 funding increase.					
FY 2017 OCO Plans: N/A					
Title: EA-18G Software Development					
Articles:					
Description: Continued capability enhancements to improve the EA-18G Airborne Electronic Attack capabilities are predominantly realized through evolutionary software upgrades. Funding will be utilized to develop improved software capabilities for the EA-18G through System Configuration Set block software updates.					
FY 2015 Accomplishments: Continued System Configuration Set block software development and integration for the EA-18G, specifically System Configuration Set builds 25X, 27C, H10 and H12.					
FY 2016 Plans: Continue System Configuration Set block software development and integration for the EA-18G, specifically System Configuration Set builds 29C, 31C, H14 and H16.					
FY 2017 Base Plans: Continue System Configuration Set block software development and integration for the EA-18G, specifically System Configuration Set builds H14 and H16. Additional funds added for continuance of Integrated Capability Package-3 requirements. Increase to engineering efforts for integration of active and passive kill chain capabilities and sensors. Multi System Integration algorithm and sensor developmental efforts also increase at test activities for ongoing modeling and simulation upgrades such as Net Enabled Weapon Controller Interface Model interoperability software and equipment, and Live Virtual Construct interoperability efforts.					
FY 2017 OCO Plans: N/A					
Title: EA-18G Developmental & Operational Testing					
Articles:					
Description: Funding will be utilized to support required test phases of the EA-18G.					
FY 2015 Accomplishments:					

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons	Project (Number/Name) 3063 / EA-18G Development			
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)					
Continued operational test of EA-18G avionics upgrades and System Configuration Set block software updates to include Flight Tests conducted in conjunction with various Fleet Exercises (i.e. FLEX-15).					
FY 2016 Plans: Continue operational and integration test of EA-18G avionics upgrades and System Configuration Set block software updates to include Flight Tests conducted in conjunction with various Fleet Exercises (i.e. FLEX-1X).					
FY 2017 Base Plans: Continue operational and integration test of EA-18G avionics upgrades and System Configuration Set block software updates to include Flight Tests conducted in conjunction with various Fleet Exercises (i.e. FLEX-1X).					
FY 2017 OCO Plans: N/A					
Title: EA-18G Flight Plan Engineering / System Configuration Set Development and Integration					
Articles:					
	1.000	19.353	38.380	0.000	38.380
	-	-	-	-	-
Description: EA-18G "Flight Plan" spiral capability development is critical to the baseline of the Growler next generation mission system capability. Funding will support the development, test and integration efforts required to maintain tactical relevance in support of Navy Aviation Plan 2030.					
FY 2015 Accomplishments: Flight Plan Engineering efforts to included EA-18G improvements necessary for Growler relevance and tactical supremacy; Navy Integrated Fire Control-Counter Air system configuration set requirements to support Navy Integrated Air and Missile Defense capability requirements and enhanced EA-18G Cooperative Engagement Capability. Funding supported development (hardware and software), test and integration efforts for Flight Plan requirements such as Distributed Targeting Processor-Networked to include Aided Target Recognition, Stationary Target Recognition, Maritime Multiple Target Track and Engagement, Multi-Level Security, Strike Accelerator and Advanced Tactical Data Link; Display Improvements for enhanced sensor integration; Tactical Targeting Network Technology internet protocol capability and Time Difference Of Arrival in support of Integrated Capability Package-3.					
FY 2016 Plans: Flight Plan Engineering efforts to include EA-18G improvements necessary for Growler relevance and tactical supremacy; Navy Integrated Fire Control-Counter Air system configuration set requirements to support Navy Integrated Air and Missile Defense capability requirements and enhance EA-18G Cooperative Engagement Capability. Funding supports development (hardware and software), test and integration efforts for Flight					

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

	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
<p>Plan requirements such as Distributed Targeting Processor-Networked to include Aided Target Recognition, Stationary Target Recognition, Maritime Multiple Target Track and Engagement, Multi-Level Security, Strike Accelerator and Advanced Tactical Data Link; Display Improvements for enhanced sensor integration; Tactical Targeting Network Technology internet protocol capability; Precision Approach and Landing Capability; Flight Path Control (Magic Carpet); Time Difference Of Arrival in support of Integrated Capability Package-3, and continued updates to Wingman Compatability improvements.</p> <p>FY 2017 Base Plans: Flight Plan Engineering efforts to include EA-18G improvements necessary for Growler relevance and tactical supremacy; Navy Integrated Fire Control-Counter Air system configuration set requirements to support Navy Integrated Air and Missile Defense capability requirements and enhance EA-18G Cooperative Engagement Capability. Funding supports development (hardware and software), test and integration efforts for Flight Plan requirements such as Distributed Targeting Processor-Networked to include Aided Target Recognition, Stationary Target Recognition, Maritime Multiple Target Track and Engagement, Multi-Level Security, Strike Accelerator and Advanced Tactical Data Link; Display Improvements for enhanced sensor integration; Tactical Targeting Network Technology internet protocol capability; Precision Approach and Landing Capability; Flight Path Control (Magic Carpet); Time Difference Of Arrival in support of Integrated Capability Package-3, and continued updates to Wingman Compatability improvements. Additional funding was realigned from PU 1662 F/ A-18 Improvements line for proper execution of EA-18G specific ICP-3 requirements.</p> <p>FY 2017 OCO Plans: N/A</p>					
<p>Title: EA-18G Obsolescence Redesign</p> <p align="right">Articles:</p> <p>Description: Develop and test design modifications to address obsolescence issues.</p> <p>FY 2015 Accomplishments: Developed and tested design modifications to hardware components and software systems in response to EA-18G weapon system and ancillary equipment obsolescence issues.</p> <p>FY 2016 Plans: Develop and test design modifications to hardware components and software systems in response to EA-18G weapon system and ancillary equipment obsolescence issues.</p> <p>FY 2017 Base Plans:</p>	0.080	0.100	0.100	0.000	0.100
	-	-	-	-	-

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons	Project (Number/Name) 3063 / EA-18G Development
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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Develop and test design modifications to hardware components and software systems in response to EA-18G weapon system and ancillary equipment obsolescence issues.					
FY 2017 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	18.653	46.921	116.761	0.000	116.761

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• APN/014300: EA-18G	1,503.534	858.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	12,905.711
• APN/05250: F-18 Series (OSIP 011-10)	19.049	10.760	22.632	-	22.632	37.590	85.061	46.423	58.973	120.818	471.906
• RDTEN/1662: F/A-18 Improvement	72.075	109.233	67.886	-	67.886	72.171	61.150	50.069	51.766	Continuing	Continuing

Remarks

D. Acquisition Strategy
The program achieved Full Rate Production in November 2009. Contractual studies are underway for Operational Requirement Document core Block II activities and those efforts will be integrated into the overall EA-18G plan/roadmap as resources permit. EA-18G software upgrades are incrementally developed, integrated and fielded. Software development and integration are coordinated efforts between government activities and industry partners to field capability upgrades to the EA-18G fleet.

E. Performance Metrics
Completion of Full Rate Production Delivery of EA-18G aircraft scheduled for 1st Quarter FY2017.

Complete incorporation of EA-18G specific upgrades into the System Configuration Set block software builds to meet planned Fleet Release dates.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Navy **Date:** February 2016

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons	Project (Number/Name) 3063 / EA-18G Development
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Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
Systems Engineering (System Configuration Set / Software)	WR	NAWCAD : Pax River, MD	32.205	1.500	Feb 2015	1.000	Nov 2015	5.489	Dec 2016	-		5.489	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	WR	NAWCWD : China Lake, CA	85.914	4.814	Nov 2014	13.352	Feb 2016	14.701	Dec 2016	-		14.701	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	WR	NAWCWD : Pt. Mugu, CA	66.669	7.935	Nov 2014	7.512	Jan 2016	7.522	Dec 2016	-		7.522	Continuing	Continuing	Continuing
Systems Engineering (SCS/SW)	WR	NAWCAD : North Island, CA	0.000	0.000		0.000		0.050	Dec 2016	-		0.050	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	Various	Boeing : St. Louis	0.000	0.000		0.000		15.525	Mar 2017	-		15.525	Continuing	Continuing	Continuing
Systems Engineering (JATO)	WR	NAVSEASYSKOM : Washington, DC	5.064	0.250	Feb 2015	0.250	Feb 2016	0.000		-		0.000	0.000	5.564	-
Systems Engineering (JATO/ALQ-218)	WR	Naval Research Laboratory : Washington, DC	2.722	0.200	Feb 2015	0.200	Feb 2016	0.000		-		0.000	0.000	3.122	-
System Engineering (ALQ-218)	C/CPFF	Northrop Grumman : Various	0.000	0.000		13.348	Feb 2016	56.385	Apr 2017	-		56.385	Continuing	Continuing	Continuing
System Engineering (Flight Plan TDOA)	C/CPFF	Boeing : St. Louis	0.000	0.000		1.366	Dec 2015	2.719	Dec 2016	-		2.719	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	WR	NSMA : Various	0.000	0.000		0.000		2.500	Apr 2017	-		2.500	0.000	2.500	-
Prior Year Prod Dev no longer funded in FYDP	Various	Various : Various	1,093.867	0.000		0.000		0.000		-		0.000	0.000	1,093.867	-
Subtotal			1,286.441	14.699		37.028		104.891		-		104.891	-	-	-

Remarks
 FY17 supports increase of Systems Engineering for ALQ-218 improvement design and integration efforts, and funding re-alignment for execution of Integrated Capability Package-3 requirements.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Navy **Date:** February 2016

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons	Project (Number/Name) 3063 / EA-18G Development
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Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
Obsolescence Redesign	Various	Various : Various	0.100	0.080	Jun 2015	0.100	Jun 2016	0.100	Jun 2017	-		0.100	Continuing	Continuing	Continuing
Flight Plan Engineering/SCS Development and Integration	Various	Various : Various	0.000	0.000		4.239	Dec 2015	3.881	Dec 2016	-		3.881	Continuing	Continuing	Continuing
Prior Year Support no longer funded in FYDP	Various	Various : Various	235.789	0.000		0.000		0.000		-		0.000	0.000	235.789	-
Subtotal			235.889	0.080		4.339		3.981		-		3.981	-	-	-

Test and Evaluation (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
Integration & Operational Testing	WR	Various : Various	112.725	1.500	Jul 2015	2.000	Jul 2016	1.500	Jun 2017	-		1.500	Continuing	Continuing	Continuing
Integration & Operational Testing	WR	COTF : China Lake, CA	0.000	0.000		0.000		3.917	Dec 2016	-		3.917	Continuing	Continuing	Continuing
Test Assets	C/CPFF	Raytheon : Tuscon, AZ	1.033	0.000		1.100	Nov 2015	0.000		-		0.000	0.000	2.133	2.133
Prior Year T&E no longer funded in FYDP	Various	Various : Various	106.400	0.000		0.000		0.000		-		0.000	0.000	106.400	-
Subtotal			220.158	1.500		3.100		5.417		-		5.417	-	-	-

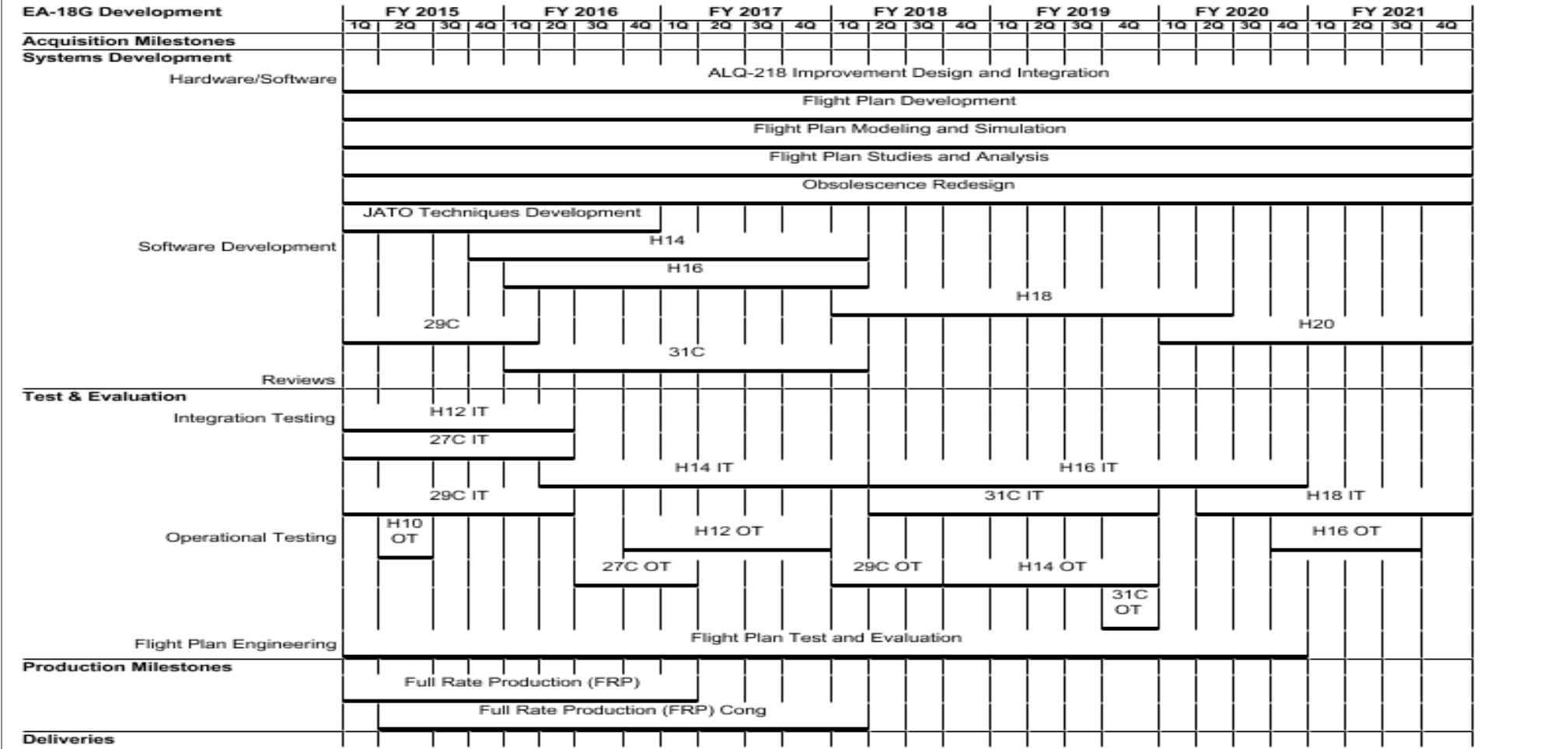
Remarks
Test Assets (AIM-120, AIM-9X) procured as live fire and E3/HERO test assets in support of EA-18G software development and weapons integration efforts specific to the EA-18G.

Management Services (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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 (Seaport-CSS)	C/CPFF	Wyle Lab : Pax River, MD	13.339	0.616	Nov 2014	0.616	Nov 2015	0.584	Apr 2017	-		0.584	Continuing	Continuing	Continuing

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Navy **Date:** February 2016

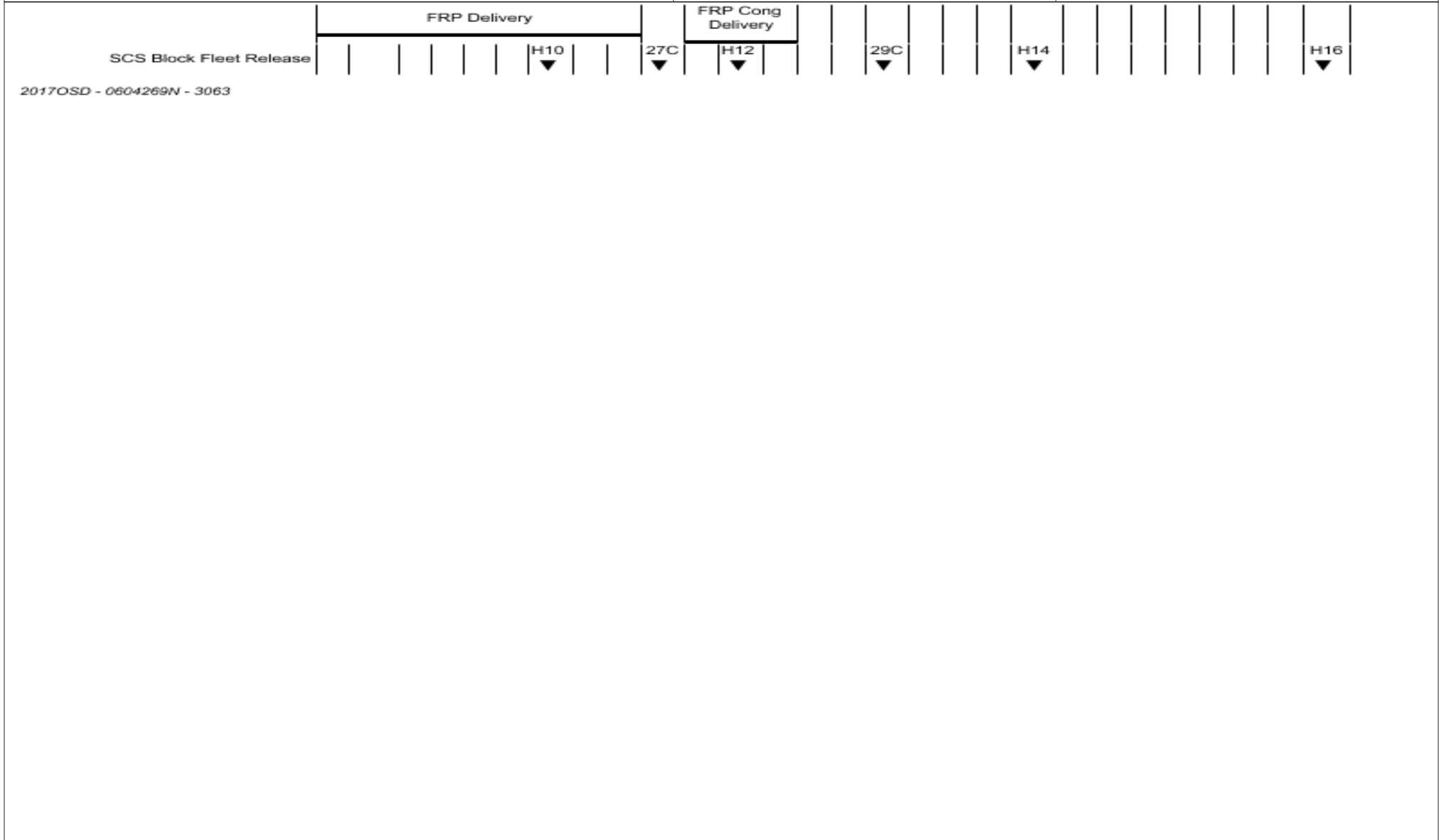
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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Navy **Date:** February 2016

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons	Project (Number/Name) 3063 / EA-18G Development
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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Navy **Date:** February 2016

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons	Project (Number/Name) 3063 / EA-18G Development
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
EA-18G Development				
Systems Development: Hardware/Software: ALQ-218 Improvement Design and Integration	1	2015	4	2021
Systems Development: Hardware/Software: Flight Plan Development	1	2015	4	2021
Systems Development: Hardware/Software: Flight Plan Modeling and Simulation	1	2015	4	2021
Systems Development: Hardware/Software: Flight Plan Studies and Analysis	1	2015	4	2021
Systems Development: Hardware/Software: Obsolescence Redesign Development and Testing	1	2015	4	2021
Systems Development: Hardware/Software: JATO Techniques Development	1	2015	4	2016
Systems Development: Software Development: H14 Software Development	4	2015	1	2018
Systems Development: Software Development: H16 Software Development	1	2016	1	2018
Systems Development: Software Development: H18 Software Development	1	2018	2	2020
Systems Development: Software Development: H20 Software Development	1	2020	4	2021
Systems Development: Software Development: 29C Software Development	1	2015	1	2016
Systems Development: Software Development: 31C Software Development	1	2016	1	2018
Test & Evaluation: Integration Testing: H12 Integration Testing	1	2015	2	2016
Test & Evaluation: Integration Testing: 27C Integration Testing	1	2015	2	2016
Test & Evaluation: Integration Testing: H14 Integration Testing	2	2016	1	2018
Test & Evaluation: Integration Testing: H16 Integration Testing	2	2018	4	2020
Test & Evaluation: Integration Testing: H18 Integration Testing	2	2020	4	2021
Test & Evaluation: Integration Testing: 29C Integration Testing	1	2015	2	2016
Test & Evaluation: Integration Testing: 31C Integration Testing	2	2018	4	2019
Test & Evaluation: Operational Testing: H10 Operational Testing	2	2015	2	2015

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Navy **Date:** February 2016

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604269N / EA-18 Squadrons	Project (Number/Name) 3063 / EA-18G Development
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Test & Evaluation: Operational Testing: H12 Operational Testing	4	2016	4	2017
Test & Evaluation: Operational Testing: H16 Operational Testing	4	2020	3	2021
Test & Evaluation: Operational Testing: 27C Operational Testing	3	2016	1	2017
Test & Evaluation: Operational Testing: H14 Operational Testing	4	2018	4	2019
Test & Evaluation: Operational Testing: 29C Operational Testing	1	2018	3	2018
Test & Evaluation: Operational Testing: 31C Operational Testing	4	2019	4	2019
Test & Evaluation: Flight Plan Engineering: Developmental, Integration and Operational Testing	1	2015	4	2020
Production Milestones: Full Rate Production	1	2015	1	2017
Production Milestones: Full Rate Production - Congressional add	2	2015	1	2018
Deliveries: FRP Delivery	1	2015	1	2017
Deliveries: FRP Cong Delivery	3	2017	1	2018
Deliveries: SCS Block Fleet Release: H10 Fleet Release	3	2016	3	2016
Deliveries: SCS Block Fleet Release: H12 Fleet Release	4	2017	4	2017
Deliveries: SCS Block Fleet Release: H16 Fleet Release	4	2021	4	2021
Deliveries: SCS Block Fleet Release: 27C Fleet Release	2	2017	2	2017
Deliveries: SCS Block Fleet Release: 29C Fleet Release	4	2018	4	2018
Deliveries: SCS Block Fleet Release: H14 Fleet Release	4	2019	4	2019