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 0604269N *I EA-18 Squadrons*							
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	1,834.153	45.384	116.761	173.488	-	173.488	152.520	68.097	68.651	53.812	Continuing	Continuing
3063: *EA-18G Development*	1,834.153	45.384	116.761	173.488	-	173.488	152.520	68.097	68.651	53.812	Continuing	Continuing
Program MDAP/MAIS Code: **Project MDAP/MAIS Code(s):** 378												

A. Mission Description and Budget Item Justification

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 2018 funding request was increased by $56.727M for improvements to the ALQ-218 Airborne Electronic Attack Systems Enhancements (ASE) and Integrated Capability Package (ICP)-3. 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. ASE provides foundational capabilities needed to support the ICP-3 passive kill chain.

B. Program Change Summary ($ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	46.921	116.761	164.999	-	164.999
Current President's Budget	45.384	116.761	173.488	-	173.488
Total Adjustments	-1.537	0.000	8.489	-	8.489
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.074	0.000			
• SBIR/STTR Transfer	-1.463	0.000			
• Program Adjustments	0.000	0.000	8.378	-	8.378
• Rate/Misc Adjustments	0.000	0.000	0.111	-	0.111

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 0604269N *I EA-18 Squadrons*

Change Summary Explanation

Technical: FYDP Improvements to the ALQ-218 complex emitter, newly designated Airborne Electronic Attack Systems Enhancements (ASE), to significantly improve lowband geo-location, signal detection, and identification capabilities. FY18 increase to system engineering efforts to ALQ-218 requirement and realignment of Integrated Capability Package-3 requirements for execution purposes.

Schedule: Completion of the last Full Rate Production Delivery of EA-18G aircraft is scheduled for 4th Quarter FY2018 per current contractual delivery schedule.

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 0604269N / *EA-18 Squadrons*		Project (Number/Name) 3063 / *EA-18G 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
3063: *EA-18G Development*	1,834.153	45.384	116.761	173.488	-	173.488	152.520	68.097	68.651	53.812	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: 378

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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Title: EA-18G Design and Avionics Integration	14.164	59.799	77.725	0.000	77.725
Articles:	-	-	-	-	-

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.

FY 2016 Accomplishments:
Continued integration of improvements developed through the Jamming Techniques Optimization teams. Addtition of ALQ-218 ASE upgrade to improve low band geo-location, signal detection, and identification capabilities necessary for complex emitter geo-location and identification.

FY 2017 Plans:
Continued integration of improvements developed through the Jamming Techniques Optimization teams. Continue and increase engineering, flight hours and test efforts for ALQ-218 ASE 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 ASE upgrades with the System Configuration Sets (SCS) fleet releases on EA-18G, an increase

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
in engineering, system integration, SCS development, Operational Flight Program re-hosting, test planning, materials, lab equipment, and lab/flight testing is being funded as part of the FY17 funding increase. ***FY 2018 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 ASE 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 ASE upgrades with the System Configuration Sets (SCS) fleet releases on EA-18G, an increase in engineering, system integration, SCS development, Operational Flight Program re-hosting, test planning, materials, lab equipment, and lab/flight testing is being funded as part of the FY18 funding increase. Increased funding levels added in FY18 to the EA-18G budget are to increase ALQ-218 signal processing capacity and capability, and improvement to Low-band Detection Receiver (LBDR). Capability enhancements enable detection and correct identification of modern radars. Capacity improvements provide increased signal processing in current day dense electromagnetic environments. ***FY 2018 OCO Plans:*** N/A					
Title: EA-18G Software Development	10.204	13.065	15.387	0.000	15.387
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 2016 Accomplishments:*** Continued System Configuration Set block software development and integration for the EA-18G, specifically System Configuration Set builds 29C, 31C, H14 and H16. ***FY 2017 Plans:*** Continued 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					

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
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 2018 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 2018 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 2016 Accomplishments:*** Continued 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 Plans:*** Continued 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 2018 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 2018 OCO Plans:*** N/A	3.100 -	5.417 -	5.481 -	0.000 -	5.481 -
Title: EA-18G Flight Plan Engineering / System Configuration Set Development and Integration ***Articles:***	17.816 -	38.380 -	74.795 -	0.000 -	74.795 -

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
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 2016 Accomplishments:*** 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. ***FY 2017 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 Compatibility improvements. Additional funding was realigned from PU 1662 F/A-18 Improvements line for proper execution of EA-18G specific ICP-3 requirements. ***FY 2018 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					

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
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 Compatibility improvements. Additional funding was realigned from PU 1662 F/A-18 Improvements line as a technical correction for EA-18G specific ICP-3 requirements. ***FY 2018 OCO Plans:*** N/A					
Title: EA-18G Obsolescence Redesign ***Articles:*** ***Description:*** Develop and test design modifications to address obsolescence issues. ***FY 2016 Accomplishments:*** 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 Plans:*** Develop and test design modifications to hardware components and software systems in response to EA-18G weapon system and ancillary equipment obsolescence issues. ***FY 2018 Base Plans:*** Develop and test design modifications to hardware components and software systems in response to EA-18G weapon system and ancillary equipment obsolescence issues. ***FY 2018 OCO Plans:*** N/A	0.100 -	0.100 -	0.100 -	0.000 -	0.100 -
Accomplishments/Planned Programs Subtotals	45.384	116.761	173.488	0.000	173.488

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/014300: *EA-18G*	659.998	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	12,707.707

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

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/05250: *F-18 Series (OSIP 011-10)*	11.919	22.632	34.804	-	34.804	46.905	59.626	80.890	67.458	30.635	443.235
• RDTEN/1662: *F/A-18 Improvement*	106.905	67.886	69.759	-	69.759	61.510	50.431	52.133	53.201	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 last Full Rate Production Delivery of EA-18G aircraft scheduled for 4th Quarter FY2018.

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

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering (System Configuration Set / Software)	WR	NAWCAD : Pax River, MD	33.705	1.000	Nov 2015	5.489	Dec 2016	0.000		-		0.000	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	WR	NAWCWD : China Lake, CA	90.728	11.889	Feb 2016	14.701	Dec 2016	12.933	Dec 2017	-		12.933	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	WR	NAWCWD : Pt. Mugu, CA	74.604	7.512	Jan 2016	7.522	Dec 2016	24.607	Dec 2017	-		24.607	Continuing	Continuing	Continuing
Systems Engineering (SCS/SW)	WR	NAWCAD : North Island, CA	0.000	0.000		0.050	Dec 2016	0.000		-		0.000	Continuing	Continuing	Continuing
Systems Engineering (Flight Plan DTP-N)	Various	Boeing : St. Louis	0.000	0.000		15.525	Mar 2017	67.979	Mar 2018	-		67.979	Continuing	Continuing	Continuing
Systems Engineering (JATO)	WR	NAVSEASYSCOM : Washington, DC	5.314	0.250	Feb 2016	0.000		0.000		-		0.000	0.000	5.564	-
Systems Engineering (JATO/ALQ-218 ASE)	WR	Naval Research Laboratory : Washington, DC	2.922	0.200	Feb 2016	0.000		0.000		-		0.000	0.000	3.122	-
System Engineering (ALQ-218 ASE)	C/CPFF	Northrop Grumman : Various	0.000	13.274	Feb 2016	56.385	Apr 2017	14.340	Apr 2018	-		14.340	Continuing	Continuing	Continuing
System Engineering (Flight Plan TDOA)	C/CPFF	Boeing : St. Louis	0.000	1.366	Dec 2015	2.719	Dec 2016	6.954	Dec 2017	-		6.954	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	WR	NSMA : Various	0.000	0.000		2.500	Apr 2017	0.250	Apr 2018	-		0.250	0.000	2.750	-
Systems Engineering (TDOA)	C/CPFF	Northrop Grumman : Various	0.000	0.000		0.000		10.973	Dec 2017	-		10.973	0.000	10.973	10.973
Systems Engineering (ALQ-218 ASE)	C/CPFF	Boeing : Various	0.000	0.000		0.000		12.000	Apr 2018	-		12.000	0.000	12.000	12.000
Systems Engineering (ALQ-218 LBDR)	WR	NAWCWD : Pr. Mugu, Ca	0.000	0.000		0.000		1.000	Dec 2017	-		1.000	0.000	1.000	-
Systems Engineering (ALQ-218 LBDR)	WR	NAWCWD : China Lake, CA	0.000	0.000		0.000		1.000	Dec 2017	-		1.000	0.000	1.000	-
Systems Engineering (ALQ-218 LBDR)	C/IDIQ	Northrop Grumman : Various	0.000	0.000		0.000		6.925	Dec 2017	-		6.925	0.000	6.925	-
Systems Engineering (ALQ-218 LBDR)	C/IDIQ	Boeing : Various	0.000	0.000		0.000		1.000	Dec 2017	-		1.000	0.000	1.000	-

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
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	1,301.140	35.491		104.891		159.961		-		159.961	-	-	-

Remarks

FY18 increase for ALQ-218 ASE and Low-Band Detection Receiver support for Systems Engineering, improvement, design and integration efforts, also a funding re-alignment for execution of Integrated Capability Package-3 requirements from PU1662.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Obsolescence Redesign	Various	Various : Various	0.180	0.100	Jun 2016	0.100	Jun 2017	0.100	Jun 2018	-		0.100	Continuing	Continuing	Continuing
Flight Plan Engineering/ SCS Development and Integration	Various	Various : Various	0.000	4.239	Dec 2015	3.881	Dec 2016	1.537	Dec 2017	-		1.537	Continuing	Continuing	Continuing
Flight Plan: ICP-3	Various	Various : Various	0.000	0.000		0.000		1.000	Dec 2017	-		1.000	0.000	1.000	-
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	235.969	4.339		3.981		2.637		-		2.637	-	-	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Integration & Operational Testing	WR	Various : Various	114.225	2.000	Jul 2016	1.500	Jun 2017	1.000	Jun 2018	-		1.000	Continuing	Continuing	Continuing
Integration & Operational Testing	WR	COTF : China Lake, CA	0.000	0.000		3.917	Dec 2016	6.819	Dec 2017	-		6.819	Continuing	Continuing	Continuing
Test Assets	C/CPFF	Raytheon : Tuscon, AZ	1.033	1.100	Nov 2015	0.000		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	-

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 0604269N / *EA-18 Squadrons*	Project (Number/Name) 3063 / *EA-18G Development*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	221.658	3.100		5.417		7.819		-		7.819	-	-	-

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)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support (Seaport-CSS)	C/CPFF	Wyle Lab : Pax River, MD	13.955	0.616	Nov 2015	0.584	Apr 2017	0.185	Apr 2018	-		0.185	Continuing	Continuing	Continuing
Government Engineering Support	WR	NAWCAD : Pax River, MD	33.160	0.435	Nov 2015	0.432	Dec 2016	0.435	Dec 2017	-		0.435	Continuing	Continuing	Continuing
Program Management Support	WR	NAWCAD : Pax River, MD	23.225	0.283	Nov 2015	0.300	Dec 2016	0.337	Dec 2017	-		0.337	Continuing	Continuing	Continuing
Flight Plan Engineering / System Configuration Set Development & Integration	WR	NAWCAD : Pax River, MD	0.700	0.750	Nov 2015	0.750	Dec 2016	0.750	Dec 2017	-		0.750	Continuing	Continuing	Continuing
Flight Plan Engineering / System Configuration Set Development & Integration	WR	NAWCWD : China Lake, CA	0.300	0.320	Nov 2015	0.320	Dec 2016	0.424	Dec 2017	-		0.424	Continuing	Continuing	Continuing
Travel	WR	Various : Various	2.705	0.050	Nov 2015	0.086	Dec 2016	0.940	Dec 2017	-		0.940	Continuing	Continuing	Continuing
Prior Year Mgmt Svcs no longer funded in FYDP	Various	Various : Various	1.341	0.000		0.000		0.000		-		0.000	0.000	1.341	-
		Subtotal	75.386	2.454		2.472		3.071		-		3.071	-	-	-

	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	1,834.153	45.384		116.761		173.488		-		173.488	-	-	-

Remarks

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

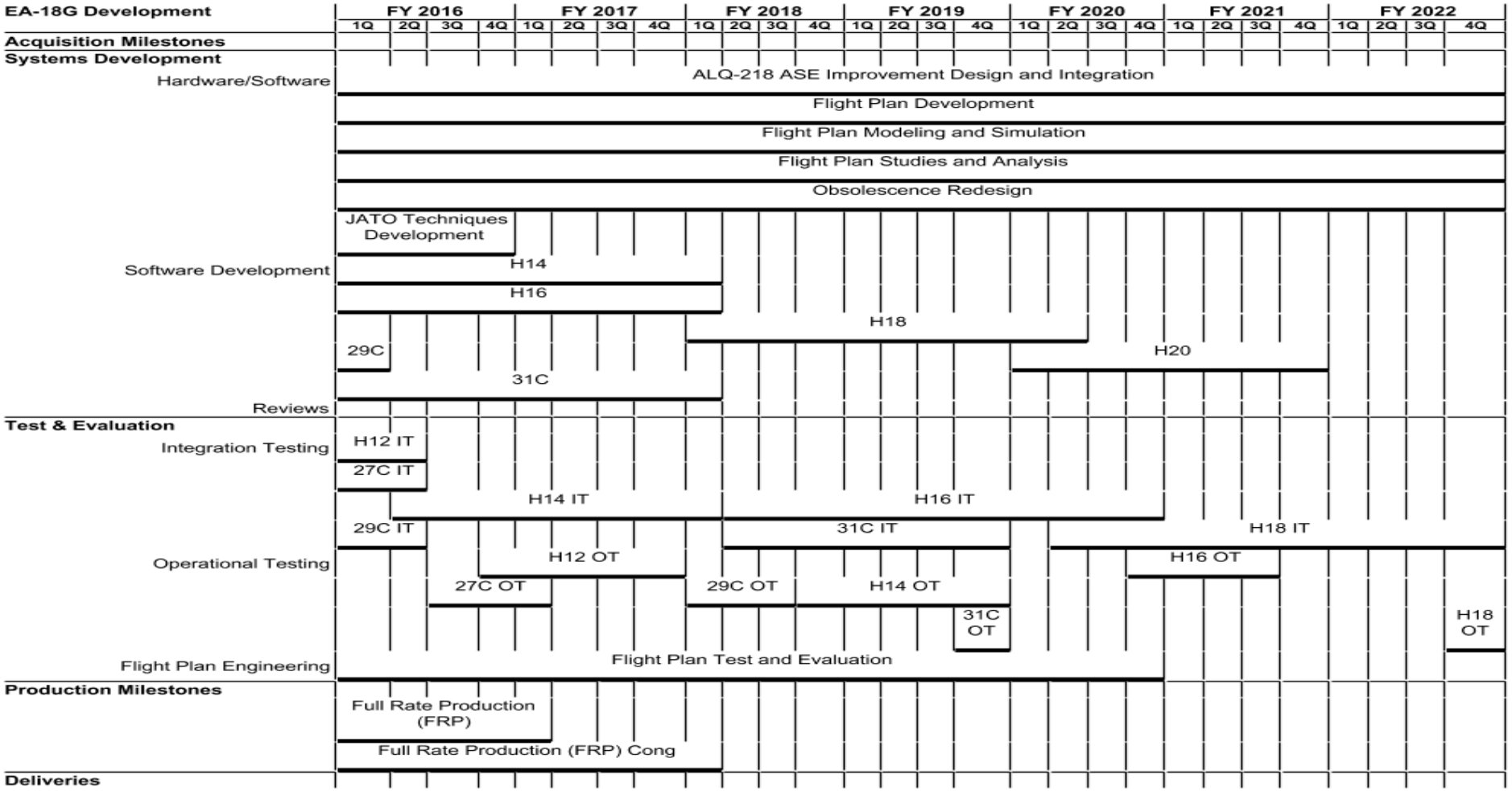
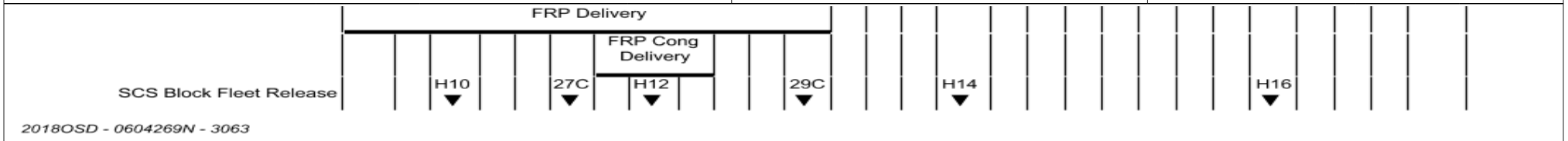


Exhibit R-4, RDT&E Schedule Profile: FY 2018 Navy		Date: May 2017
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*



2018OSD - 0604269N - 3063

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
EA-18G Development				
Systems Development: Hardware/Software: ALQ-218 ASE Improvement Design and Integration	1	2016	4	2022
Systems Development: Hardware/Software: Flight Plan Development	1	2016	4	2022
Systems Development: Hardware/Software: Flight Plan Modeling and Simulation	1	2016	4	2022
Systems Development: Hardware/Software: Flight Plan Studies and Analysis	1	2016	4	2022
Systems Development: Hardware/Software: Obsolescence Redesign Development and Testing	1	2016	4	2022
Systems Development: Hardware/Software: JATO Techniques Development	1	2016	4	2016
Systems Development: Software Development: H14 Software Development	1	2016	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	2016	1	2016
Systems Development: Software Development: 31C Software Development	1	2016	1	2018
Test & Evaluation: Integration Testing: H12 Integration Testing	1	2016	2	2016
Test & Evaluation: Integration Testing: 27C Integration Testing	1	2016	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	2022
Test & Evaluation: Integration Testing: 29C Integration Testing	1	2016	2	2016
Test & Evaluation: Integration Testing: 31C Integration Testing	2	2018	4	2019
Test & Evaluation: Operational Testing: H12 Operational Testing	4	2016	4	2017

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 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
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: Operational Testing: H18 Operational Testing	4	2022	4	2022
Test & Evaluation: Flight Plan Engineering: Developmental, Integration and Operational Testing	1	2016	4	2020
Production Milestones: Full Rate Production	1	2016	1	2017
Production Milestones: Full Rate Production - Congressional add	1	2016	1	2018
Deliveries: FRP Delivery	1	2016	4	2018
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