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 0604269N *I EA-18 Squadrons*

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	1,879.537	100.825	173.488	147.419	-	147.419	159.472	159.966	129.280	108.238	Continuing	Continuing
3063: *EA-18G Development*	1,879.537	100.825	173.488	147.419	-	147.419	159.472	159.966	129.280	108.238	Continuing	Continuing

Program MDAP/MAIS Code:
Project MDAP/MAIS Code(s): 378

A. Mission Description and Budget Item Justification

The EA-18G has replaced the EA-6B aircraft as the primary Electronic Attack platform supporting the Navy and Marine Corps. 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 2019 funding request continues 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 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	116.761	173.488	152.520	-	152.520
Current President's Budget	100.825	173.488	147.419	-	147.419
Total Adjustments	-15.936	0.000	-5.101	-	-5.101
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-3.616	0.000			
• Program Adjustments	0.000	0.000	-3.294	-	-3.294
• Rate/Misc Adjustments	0.000	0.000	-1.807	-	-1.807

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 0604269N *I EA-18 Squadrons*			
• Congressional General Reductions Adjustments	-0.003	-	-	-	-
• Congressional Directed Reductions Adjustments	-12.317	-	-	-	-

Change Summary Explanation

Technical: Not Applicable

Schedule: Not Applicable

The FY 2019 funding request was reduced by $0.794M to reflect the Department of Navy's effort to support the Office of Management and Budget directed reforms for Efficiency and Effectiveness that include a lean, accountable, more efficient government.

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 0604269N / *EA-18 Squadrons*				Project (Number/Name) 3063 / *EA-18G 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**
3063: *EA-18G Development*	1,879.537	100.825	173.488	147.419	-	147.419	159.472	159.966	129.280	108.238	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 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: EA-18G Design and Avionics Integration	40.123	77.725	66.945	0.000	66.945
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 2018 Plans:

Continue integration of improvements developed through the Jamming Techniques Optimization teams. Continue and increase engineering, flight hours and test efforts for ALQ-218 Airborne Electronic Attack Systems Enhancements (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 are being funded.

Increased funding levels added in FY18 to the EA-18G budget are to increase ALQ-218 signal processing capacity and capability by adding the Low-Band Dedicated Receiver (LBDR). Capability enhancements enable

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

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
better detection and correct identification of modern radars. Capacity improvements provide increased signal processing in current day dense electromagnetic environments. ***FY 2019 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 Airborne Electronic Attack Systems Enhancements (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 are being funded. FY19 continues added funding levels to the EA-18G budget to support increased ALQ-218 signal processing capacity and capability by adding the Low-Band Dedicated Receiver (LBDR). Capability enhancements enable better detection and correct identification of modern radars. Capacity improvements provide increased signal processing in current day dense electromagnetic environments. Additional funds added for Transitioning Reactive Electronic Attack Measures (REAM) technology from a ONR future naval capabilities (FNC) science and technology effort to the platform. This technology and hardware upgrade of the Electronic Attack Unit (EAU) will bring Cognitive Electronic Warfare capability to the platform and is the start to EA-18G BLK II modernization. As well as development and integration of special mission pods in support of BLK II modernization. ***FY 2019 OCO Plans:*** N/A ***FY 2018 to FY 2019 Increase/Decrease Statement:*** The FY 2019 funding request was reduced by $10.78 million due to the ramp down of ASE and Low-Band Dedicated Receiver (LBDR)design efforts as they transition to integration and DT ramp up.					
Title: EA-18G Software Development	11.065	15.387	15.695	0.000	15.695
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.					

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

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 Plans: Continue System Configuration Set block software development and integration for the EA-18G, specifically System Configuration Set builds H14, H16 and H18. 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 2019 Base Plans:*** Continue System Configuration Set block software development and integration for the EA-18G, specifically System Configuration Set builds H14, H16 and H18. 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. Funding for Multi System Integration algorithm and sensor developmental efforts also increased 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 2019 OCO Plans:*** N/A ***FY 2018 to FY 2019 Increase/Decrease Statement:*** The FY 2019 funding request was increased by $0.308 million due to increased LBDR SW development.					
Title: EA-18G Developmental & Operational Testing	2.100	5.481	5.591	0.000	5.591
Articles:	-	-	-	-	-
Description: Funding will be utilized to support required test phases of the EA-18G. ***FY 2018 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 2019 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 2019 OCO Plans:***					

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

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
N/A ***FY 2018 to FY 2019 Increase/Decrease Statement:*** The FY 2019 funding request was increased by $0.110 million due to increase in H16 DT test increases associated with H16 Time Difference Of Arrival(TDOA).					
Title: EA-18G Flight Plan Engineering / System Configuration Set Development and Integration	47.437	74.795	59.088	0.000	59.088
Articles:	-	-	-	-	-
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 2018 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 (DTP-N) 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; Precision Approach and Landing Capability (PALC); Flight Path Control (Magic Carpet); Time Difference Of Arrival (TDOA), Network Centric Collaborative Targeting (NCCT), and continued updates to Wingman Compatibility improvements. FY18 includes an increase in funding to support DTP-N requirements. ***FY 2019 Base Plans:*** Continue 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 (DTP-N) 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; Precision Approach and Landing Capability (PALC); Flight Path Control (Magic Carpet);					

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

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Time Difference Of Arrival (TDOA), Network Centric Collaborative Targeting (NCCT), and continued updates to Wingman Compatibility improvements. ***FY 2019 OCO Plans:*** N/A ***FY 2018 to FY 2019 Increase/Decrease Statement:*** The FY 2019 funding request was reduced by $15.507 million due to the Distributed Targeting Processor-Networked (DTP-N) effort winding down per program schedule.					
Title: EA-18G Obsolescence Redesign ***Articles:*** ***Description:*** Develop and test design modifications to address obsolescence issues. ***FY 2018 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 2019 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 2019 OCO Plans:*** N/A ***FY 2018 to FY 2019 Increase/Decrease Statement:*** N/A	0.100 -	0.100 -	0.100 -	0.000 -	0.100 -
Accomplishments/Planned Programs Subtotals	100.825	173.488	147.419	0.000	147.419

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/05250: *F-18 Series (OSIP 011-10)*	31.077	34.804	46.905	-	46.905	73.526	94.790	103.558	106.107	185.867	781.215
• RDTEN/1662: *F/A-18 Improvement*	62.601	69.759	102.938	-	102.938	72.980	77.428	75.111	78.695	Continuing	Continuing

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

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

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 2nd Quarter FY2019.

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: PB 2019 Navy			Date: February 2018
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 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering (SCS/Flight Plan)	WR	NAWCAD : Pax River, MD	34.705	1.489	Dec 2016	6.250	Dec 2017	19.260	Dec 2018	-		19.260	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	WR	NAWCWD : China Lake, CA	102.617	5.493	Dec 2016	20.692	Dec 2017	30.373	Dec 2018	-		30.373	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	WR	NAWCWD : Pt. Mugu, CA	82.116	4.039	Dec 2016	24.607	Dec 2017	25.476	Dec 2018	-		25.476	Continuing	Continuing	Continuing
Systems Engineering (SCS/Flight Plan)	WR	FRCSW : North Island, CA	0.000	0.050	Dec 2016	0.000		0.000		-		0.000	0.000	0.050	-
Systems Engineering (SCS/Flight Plan)	WR	NSMA : Various	0.000	0.250	Apr 2017	4.113	Apr 2018	4.755	Apr 2019	-		4.755	Continuing	Continuing	Continuing
Systems Engineering (Flight Plan DTP-N)	C/CPFF	Boeing : St. Louis, MO	0.000	38.049	Mar 2017	24.955	Mar 2018	10.368	Mar 2019	-		10.368	Continuing	Continuing	Continuing
System Engineering (Flight Plan TDOA)	C/IDIQ	Boeing : St. Louis, MO	1.366	0.977	Dec 2016	6.955	Dec 2017	3.833	Dec 2018	-		3.833	Continuing	Continuing	Continuing
System Engineering (Flight Plan TDOA)	C/CPFF	Northrop Grumman : Various	0.000	1.013	Jun 2017	14.966	Dec 2017	7.066	Dec 2018	-		7.066	Continuing	Continuing	Continuing
System Engineering (ALQ-218 ASE)	C/IDIQ	Northrop Grumman : Various	13.274	38.697	Apr 2017	24.066	Apr 2018	7.271	Apr 2019	-		7.271	Continuing	Continuing	Continuing
Systems Engineering (ALQ-218 ASE)	C/CPFF	Boeing : Various	0.000	3.074	Jun 2017	12.647	Apr 2018	4.985	Apr 2019	-		4.985	Continuing	Continuing	Continuing
Systems Engineering (ALQ-218 LBDR)	WR	NAWCWD : Pt. Mugu, CA	0.000	0.000		1.500	Dec 2017	1.300	Dec 2018	-		1.300	Continuing	Continuing	Continuing
Systems Engineering (ALQ-218 LBDR)	WR	NAWCWD : China Lake, CA	0.000	0.000		1.000	Dec 2017	1.020	Dec 2018	-		1.020	Continuing	Continuing	Continuing
Systems Engineering (ALQ-218 LBDR)	C/IDIQ	Northrop Grumman : Various	0.000	0.000		9.825	Dec 2017	6.000	Dec 2018	-		6.000	Continuing	Continuing	Continuing
Systems Engineering (ALQ-218 LBDR)	C/IDIQ	Boeing : Various	0.000	0.000		1.400	Dec 2017	1.400	Dec 2018	-		1.400	Continuing	Continuing	Continuing
Systems Engineering (Joint AoA - AEA NGAD)	WR	NAWCAD : Pax River, MD	0.000	0.915	Mar 2017	0.000		0.000		-		0.000	0.000	0.915	-
Systems Engineering (Joint AoA - AEA NGAD)	WR	NAWCWD : China Lake, CA	0.000	0.085	Mar 2017	0.000		0.000		-		0.000	0.000	0.085	-

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 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 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering (Joint AoA - AEA NGAD)	C/CPIF	NAVSEA : JHU/APL	0.000	0.500	Sep 2017	0.000		0.000		-		0.000	0.000	0.500	0.500
Prior Year Prod Dev no longer funded in FYDP	Various	Various : Various	1,102.553	0.000		0.000		0.000		-		0.000	0.000	1,102.553	-
		Subtotal	1,336.631	94.631		152.976		123.107		-		123.107	Continuing	Continuing	N/A

Remarks

FY18 funding increases are for Integrated Capability Package-3 (ICP-3) Flight Plan/SCS efforts as well as ALQ-218 Airborne Electronic Attack Systems Enhancements (ASE), which includes Low-Band Dedicated Receiver (LBDR). ICP-3 Flight Plan/SCS efforts include systems engineering, improvement, design and integration efforts for Digital Targeting Processor - Networked (DTP-N), Time Difference Of Arrival (TDOA) and Network Centric Collaborative Targeting (NCCT).

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Obsolescence Redesign	Various	Various : Various	0.280	0.100	Jun 2017	0.100	Jun 2018	0.100	Jun 2019	-		0.100	Continuing	Continuing	Continuing
Flight Plan Engineering/ SCS Development and Integration	Various	Various : Various	4.239	1.522	Dec 2016	3.637	Dec 2017	4.568	Dec 2018	-		4.568	Continuing	Continuing	Continuing
Flight Plan: ICP-3	Various	Various : Various	0.000	0.000		4.000	Dec 2017	4.320	Dec 2018	-		4.320	0.000	8.320	-
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	240.308	1.622		7.737		8.988		-		8.988	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Integration & Operational Testing	WR	Various : Various	116.225	1.500	Jun 2017	3.731	Jun 2018	6.102	Jun 2019	-		6.102	Continuing	Continuing	Continuing
Integration & Operational Testing	WR	COTF : China Lake, CA	0.000	0.600	Dec 2016	6.819	Dec 2017	6.955	Dec 2018	-		6.955	Continuing	Continuing	Continuing

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 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 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Year T&E no longer funded in FYDP	Various	Various : Various	108.533	0.000		0.000		0.000		-		0.000	0.000	108.533	-
		Subtotal	224.758	2.100		10.550		13.057		-		13.057	Continuing	Continuing	N/A

Remarks

Increase from FY18 to FY19 due to T&E efforts for future SCS builds which include ICP-3 capabilities.

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support (Seaport-CSS)	C/CPFF	Wyle Lab : Pax River, MD	14.571	0.584	Apr 2017	0.185	Apr 2018	0.188	Apr 2019	-		0.188	Continuing	Continuing	Continuing
Government Engineering Support	WR	NAWCAD : Pax River, MD	33.595	0.432	Dec 2016	0.435	Dec 2017	0.443	Dec 2018	-		0.443	Continuing	Continuing	Continuing
Program Management Support	WR	NAWCAD : Pax River, MD	23.508	0.300	Dec 2016	0.337	Dec 2017	0.343	Dec 2018	-		0.343	Continuing	Continuing	Continuing
Flight Plan Engineering / System Configuration Set Development & Integration	WR	NAWCAD : Pax River, MD	1.450	0.750	Dec 2016	0.750	Dec 2017	0.765	Dec 2018	-		0.765	Continuing	Continuing	Continuing
Flight Plan Engineering / System Configuration Set Development & Integration	WR	NAWCWD : China Lake, CA	0.620	0.320	Dec 2016	0.424	Dec 2017	0.433	Dec 2018	-		0.433	Continuing	Continuing	Continuing
Travel	WR	Various : Various	2.755	0.086	Dec 2016	0.094	Dec 2017	0.095	Dec 2018	-		0.095	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	77.840	2.472		2.225		2.267		-		2.267	Continuing	Continuing	N/A

	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	1,879.537	100.825		173.488		147.419		-		147.419	Continuing	Continuing	N/A

Remarks

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

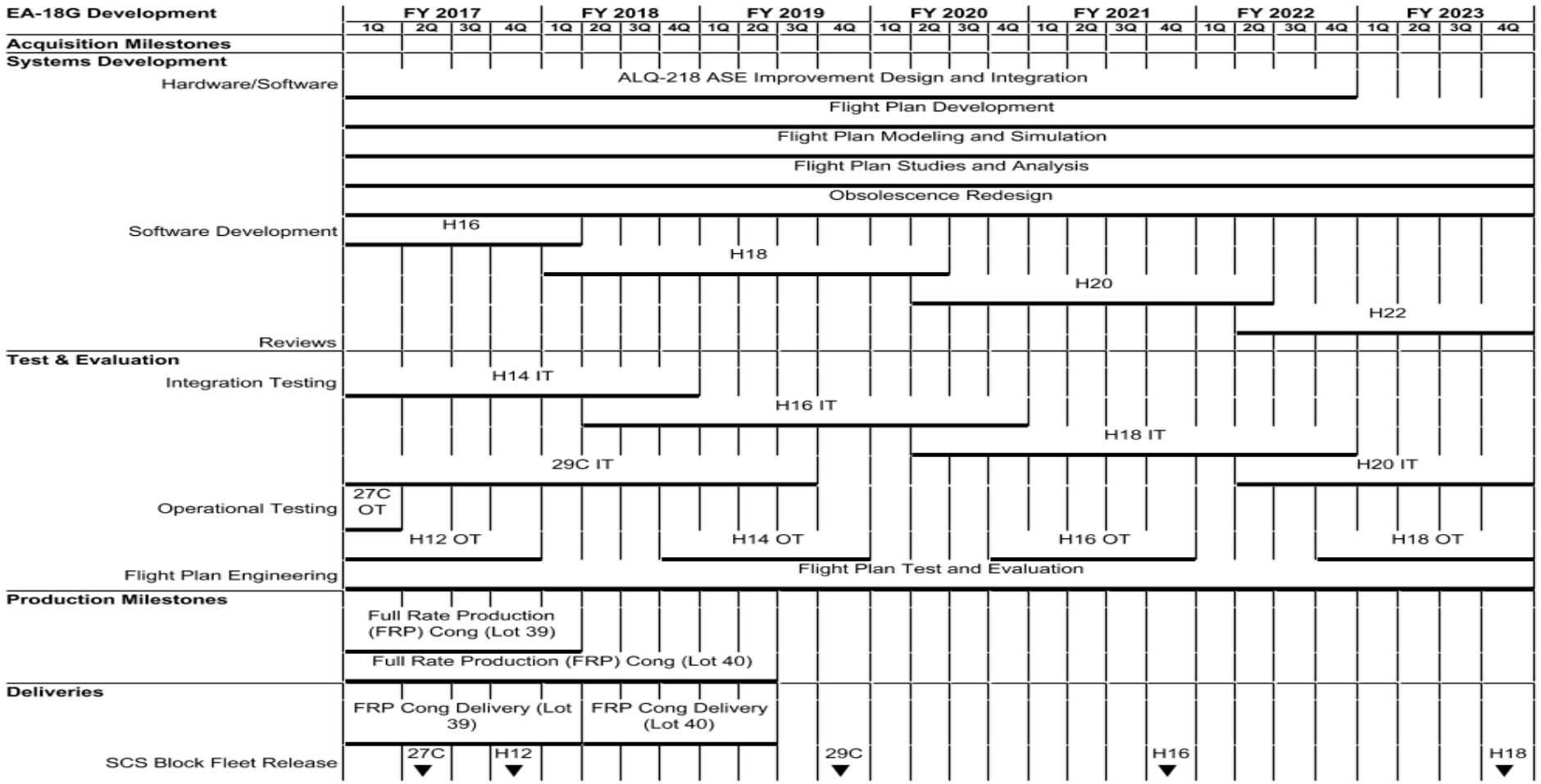
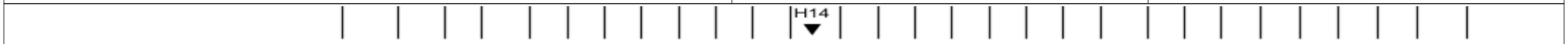


Exhibit R-4, RDT&E Schedule Profile: PB 2019 Navy		Date: February 2018
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*



2019PB - 0604269N - 3063

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 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	2017	4	2022
Systems Development: Hardware/Software: Flight Plan Development	1	2017	4	2023
Systems Development: Hardware/Software: Flight Plan Modeling and Simulation	1	2017	4	2023
Systems Development: Hardware/Software: Flight Plan Studies and Analysis	1	2017	4	2023
Systems Development: Hardware/Software: Obsolescence Redesign Development and Testing	1	2017	4	2023
Systems Development: Software Development: H16 Software Development	1	2017	1	2018
Systems Development: Software Development: H18 Software Development	1	2018	2	2020
Systems Development: Software Development: H20 Software Development	2	2020	2	2022
Systems Development: Software Development: H22 Software Development	2	2022	4	2023
Test & Evaluation: Integration Testing: H14 Integration Testing	1	2017	4	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: H20 Integration Testing	2	2022	4	2023
Test & Evaluation: Integration Testing: 29C Integration Testing	1	2017	3	2019
Test & Evaluation: Operational Testing: 27C Operational Testing	1	2017	1	2017
Test & Evaluation: Operational Testing: H12 Operational Testing	1	2017	4	2017
Test & Evaluation: Operational Testing: H16 Operational Testing	4	2020	4	2021
Test & Evaluation: Operational Testing: H14 Operational Testing	4	2018	4	2019
Test & Evaluation: Operational Testing: H18 Operational Testing	4	2022	4	2023
Test & Evaluation: Flight Plan Engineering: Developmental, Integration and Operational Testing	1	2017	4	2023

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

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Production Milestones: Full Rate Production - Congressional add Lot 39	1	2017	1	2018
Production Milestones: Full Rate Production - Congressional add Lot 40	1	2017	2	2019
Deliveries: FRP Cong Delivery (Lot 39)	1	2017	1	2018
Deliveries: FRP Cong Delivery (Lot 40)	2	2018	2	2019
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: H18 Fleet Release	4	2023	4	2023
Deliveries: SCS Block Fleet Release: 27C Fleet Release	2	2017	2	2017
Deliveries: SCS Block Fleet Release: 29C Fleet Release	4	2019	4	2019
Deliveries: SCS Block Fleet Release: H14 Fleet Release	4	2019	4	2019