Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Navy											Date: March 2024	
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 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**Cost To Complete**	**Total Cost**
Total Program Element	2,546.479	114.415	172.507	223.266	-	223.266	163.895	112.364	140.509	143.382	31.632	3,648.449
3063: *EA-18G Development*	2,546.479	114.415	172.507	223.266	-	223.266	163.895	112.364	140.509	143.382	31.632	3,648.449
Program MDAP/MAIS Code: **Project MDAP/MAIS Code(s):** 378												

A. Mission Description and Budget Item Justification

The EA-18G Growler is the primary Airborne Electronic Attack (AEA) platform supporting the Joint Force and the sole tactical AEA aircraft in the DoD inventory. The Growler is an asymmetric force multiplier that increases the survivability and lethality of the Joint Force within a non-permissive environment, while enabling all-domain superiority for the Electromagnetic Spectrum (EMS). The centrality of EMS dominance to the CNO's Maritime Strategy further necessitates EA-18G modernization as a strategic pursuit to secure EMS superiority for the Navy's Carrier Strike and Joint Expeditionary operations. Due to the rapid advancements of the adversary's capabilities, the EA-18G will be called upon in future engagements to operate at increased ranges from the threat which far exceed the current capability to effectively deliver kinetic and non-kinetic effects. The Growler Block II is a foundational spiral upgrade that will implement the incremental and innovative capability improvements required for Naval Aviation to regain and sustain an advantage in the EMS until the EA-18G is replaced.

The onboard sensors of the EA-18G, namely the ALQ-218, require improved sensitivity and processing to detect, identify, and locate advanced complex threats at longer ranges. The ALQ-218 Airborne Electronic Attack Systems Enhancement (ASE) is a combination hardware/software upgrade that provides incremental capability improvement and enables the transition to Growler Block II Phase I. An Electronic Attack Unit (EAU) upgrade, coupled with the Reactive Electronic Attack Measures (REAM) capability greatly enhances the EA-18G's ability to autonomously process and respond to unknown signals in an extremely dense EMS environment.

The Global Lightning (GL) capability brings an improved aperture and upgraded Joint Tactical Terminal (JTT-X) that allows for Beyond Line of Sight (BLOS) communication via satellite constellations. This added BLOS capability will provide the long-range situational awareness the EA-18G needs to provide critical targeting and threat warning. An accelerated GL capability on Growler is planned to test and field in FY25 which will also serve as risk reduction for the final GL solution. The accelerated GL capability will have targeted limited high priority capability and will include the improved aperture and a modified Joint Tactical Terminal - Receive (JTT-R +).

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 and future threats. EA-18G "Flight Plan" spiral capability development is critical to the baseline of the EA-18G next generation mission system capability and to maintaining tactical relevance in support of the Air Wing of the Future.

Development continues for design and integration of avionics systems, integration of Jamming Techniques Optimization (JATO) improvements, evolutionary software upgrades via Software Configuration Set (SCS) block builds and Agile software development, as well as related testing. Through FY2028, EA-18G Growler efforts

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will focus on developing quality components, with concurrent recurring modification; continuing advanced development engineering; and improving reliability and maintainability. These collective efforts will enhance availability of critical assets to the fleet and maximize lifetime total cost of ownership benefits.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	116.589	172.507	244.741	-	244.741
Current President's Budget	114.415	172.507	223.266	-	223.266
Total Adjustments	-2.174	0.000	-21.475	-	-21.475
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.058	0.000			
• SBIR/STTR Transfer	-2.116	0.000			
• Program Adjustments	0.000	0.000	-20.690	-	-20.690
• Rate/Misc Adjustments	0.000	0.000	-0.785	-	-0.785

Change Summary Explanation

Technical: Not Applicable

Cost: FY25 reduction of $21.475M due to a programmatic decrease ($20.690M) and miscellaneous adjustments ($0.785M).

Schedule: FY25 and out schedule updated due to the F/A-18 System Configuration Set (SCS) transitioning from a H-Build software model that delivered a major release every two years to a Scaled Agile Framework (SAFe) that will deliver smaller releases more frequently as part of Continuous Integration, Delivery & Deployment (CID&D). Under CID&D, the previous SCS H-builds have been combined into a common baseline that provides release opportunities when capabilities are ready. The F/A-18E/F and EA-18G schedules reflect two release opportunities per Fiscal Year (FY); this is a notional schedule only as the program is not tied to two releases a year, and will determine when to release based on requirements and software readiness. Under CID&D the program will deliver capability to the warfighter with relevance and more quickly than the waterfall construct of H-builds allowed.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy												Date: March 2024
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 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**Cost To Complete**	**Total Cost**
3063: *EA-18G Development*	2,546.479	114.415	172.507	223.266	-	223.266	163.895	112.364	140.509	143.382	31.632	3,648.449
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: 378

A. Mission Description and Budget Item Justification

The EA-18G development program upgrades the Airborne Electronic Attack (AEA) capability to detect, identify, locate and suppress hostile emitters; provides enhanced connectivity to National, Theater and Strike assets; and provides passive organic precision emitter targeting for employment of precision strike weapons and onboard suppression weapons (High-speed Anti-Radiation Missile family) to fulfill operational requirements. The EA-18G is the only tactical AEA platform for the joint force and is continually called upon to provide effects for USN, USMC, and USAF assets. There is no planned replacement for the EA-18G and improvements will fill capability gaps for the Air Wing of the Future North Star effort.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	**FY 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**
Title: EA-18G AEA System Enhancements (ASE) and Integrated Capability Package (ICP-3)	27.472	9.137	7.222	0.000	7.222
Articles:	-	-	-	-	-

Description: The EA-18G can 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 2024 Plans:
Continuation of the H18 plans, with OT activities and integration of improvements developed through the JATO teams. Work includes engineering, flight hours and test efforts for ALQ-218 Airborne Electronic Attack (AEA) System Enhancements (ASE) upgrade requirements to improve low band geolocation, signal detection, and identification capabilities necessary for complex emitter geo-location and identification. Funds will support a combined hardware/software solution to address evolving threats and provide significant capability enhancements to the ALQ-218, such as the Low Band Dedicated Receiver (LBDR) and capacity improvements. To incorporate those ALQ-218 ASE upgrades with the SCS fleet releases on EA-18G, FY24 funding supports engineering, system integration, H-18 SCS development, Agile software development, Operational Flight Program (OFP) re-hosting, test planning, materials, lab equipment, and lab/flight testing. Funding also continues to support development (hardware and software) of test and integration efforts for H18 SCS and Agile software builds, such as Distributed Targeting Processor - Network (DTP-N) capabilities, Time Difference of Arrival

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
(TDOA), Net Centric Collaborative Targeting (NCCT) and Wingman Compatibility improvements. Funding will support the final incorporation of LBDR under the H18 build. ***FY 2025 Base Plans:*** FY25 activities include SCS development, Operational Flight Program (OFP) re-hosting, test planning, materials, lab equipment, and lab/flight testing. Funding also continues to support development (hardware and software) of test and integration efforts for SCS and Agile software builds, as well as continued AEA/ALQ-218 incremental improvements in support of Growler platform developments. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Decrease from FY2024 to FY2025 of $1.915 million due to completion of H18-related test activities for H18/GCM +.					
Title: EA-18G System Configuration Set (SCS) Development & Integration	3.970	2.000	3.636	0.000	3.636
Articles:	-	-	-	-	-
Description: 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 SCS block and Agile software updates. ***FY 2024 Plans:*** Continue SCS block and Agile software development and integration for the EA-18G, specifically SCS and Agile software builds supporting H18 and H20. Funding also continues to support engineering efforts for integration of active and passive kill chain capabilities and sensors. Funding for Multi Source Integration algorithm and sensor developmental efforts also increase for test activities for ongoing modeling and simulation upgrades such as Net Enabled Weapon Controller Interface Model interoperability software and equipment, and Live Virtual Constructive interoperability. ***FY 2025 Base Plans:*** Continue SCS Agile software development and integration for the EA-18G, to support engineering efforts for integration of active and passive kill chain capabilities and sensors. Funding for Multi Source Integration algorithm and sensor developmental efforts also increase for test activities for ongoing modeling and simulation					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
upgrades such as Net Enabled Weapon Controller Interface Model interoperability software and equipment, and Live Virtual Constructive interoperability. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase from FY2024 to FY2025 of $1.636 million due to ramp up in System Configuration Set (SCS) software development efforts related to completion of H18 operational test in preparation for fleet release.					
Title: EA-18G Flight Plan Engineering	31.939	34.075	53.609	0.000	53.609
Articles:	-	-	-	-	-
Description: EA-18G "Flight Plan" spiral capability development is critical to the evolution 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. A major capability within the Growler Flight Plan Engineering portfolio is the incorporation of the Global Lightning (GL) Beyond Line of Sight (BLOS) capability. The GL capability will field in phases with a rapid acceleration Growler interim capability that will target key high priority capabilities with a Speed to the Fleet mindset, followed by a final F/A-18 E/F and EA-18G common solution. This capability provides joint, multi-domain connectivity for the distributed battlespace BLOS tactical communication and puts a common tactical picture into the hands of the aircrew. The capability also provides a resilient, real-time gateway between the 4th and 5th generation tactical aircraft with datalinks at the tactical edge with assured Command and Control (C2) and targeting from national and other off board sensors. The data is provided through multiple data paths and supports Long Range Fires in critical environments. BLOS also provides tactical communications for joint, multi-domain connectivity in support of distributed battlespace. ***FY 2024 Plans:*** Continue systems development for Global Lightning (GL), an integrated EA-18G BLOS communications solution. This effort includes hardware integration of GL on the EA-18G; the integration and test of a software defined radio, integration of GL aperture into the EA-18G platform, and other resilient communication enablers. Additionally, this will encompass an EA-18G platform integration effort to support two-way data and voice BLOS communication capability. GL will continue to use an incremental capability approach that will incorporate two-way data only communication over a single satellite constellation. Begin planning for the Depot Level stand up of the Growler GL capability. Continue dedicated Low Band Dedicated Receiver (LBDR) and NGJ Mid Band flight testing events. ***FY 2025 Base Plans:***					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Continue the development and hardware integration of GL on the EA-18G. Provide aircraft integration to support two-way data and voice BLOS capability. Continue integration of two-way data and voice communication and a aperture for use over a single satellite constellation. Continue Depot Level Standup of the Growler GL capability. Continue dedicated Low Band Dedicated Receiver (LBDR); continue NGJ Mid Band flight testing events; and test plan for NGJ Low Band flight test events. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase from FY2024 to FY2025 of $19.534 million due to GL interim (JTT-R+) development, integration, and test; and final solution (JTT-X) development, integration, and test planning efforts. This will support rapid Speed to the Fleet efforts for the interim solution as well as long term hardware development and integration efforts for the final GL solution. Acceleration brings a key capability increase in survivability, battlespace awareness, targeting, and execution of long-range fires that ensures the Naval Airwings continued air dominance in all operational areas of responsibility. BLOS will continue to use an incremental capability approach that will incorporate two-way data and voice communication over a single satellite constellation.					
Title: EA-18G Growler Block II	51.034	127.295	158.799	0.000	158.799
Articles:	-	-	-	-	-
Description: The Growler Block II (GB2) upgrade will implement innovative capability improvements required for Naval Aviation to regain and sustain an advantage in the EMS until the EA-18G replacement. GB2 is the first major upgrade to the Growler weapons system since IOC in 2009. GB2 will utilize a phased approach for spiral development of AEA capabilities. Phase 1 will include an upgraded Next Generation Electronic Attack Unit (NGEAU) and Reactive Electronic Attack Measures (REAM). The NGEAU will support an Open Mission Systems (OMS) processor architecture, include Multi Level Security (MLS), and include a Multi-Tier Resource Management (MTRM) framework. Additionally, the NGEAU addresses Diminishing Manufacturing Sources and Material Shortages (DMSMS) concerns with the current EAU. REAM uses Cognitive Electronic Warfare machine learning algorithms to provide the warfighter with capabilities to counter advanced Integrated Air Defense System (IADS) by detecting and identifying unknown Complex Emitters. GB2 Phase 2, Beowulf, will include an advanced Multi-Function Array (MFA) in the Inboard Leading Edge Flaps (ILEF) augmenting the ALQ-218 functionality and capability. The GB2 MFA serves as technology development and risk reduction for the incorporation of MFAs on multiple future platforms. The Office of Naval Research (ONR) Future Naval Capability (FNC) Electromagnetic Maneuver Warfare Resource Allocation Management (EMW RAM) is a software algorithm development planned for GB2 implementation that will provide an enhanced communication,					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
sensor, and jamming resource management capability. GB2 modernization and added capability aligns to the overall Growler roadmap. ***FY 2024 Plans:*** Continue GB2 Phase 1 from post CDR development towards a Test Readiness Review (TRR), continue lab test of spiral upgrade software associated with the NGEAU and REAM, and begin Developmental Test of flight worthy EMD assets that are fully integrated into the EA-18G platform in preparation for the Operational Test Readiness Review (OTRR). GB2 Phase 2 efforts will include preparation for a Technology Demonstration flight of a prototype MFA integrated into the iLEF. Furthermore GB2 Phase 2 efforts will include development and integration of the Beowulf iLEF Multi-Function Array (MFA) and a Sensor Control Unit (SCU) in preparation for CDR and TRR. Continue maturation of the EMW RAM software algorithm targeted for GB2 spiral integration and fielding. ***FY 2025 Base Plans:*** Continue developmental testing and integration of Growler Block II (GB2) Phase 1, in preparation for Operational Test Readiness Review (OTRR), Initial Operational Test and Evaluation (IOT&E), Low Rate Initial Production (LRIP), and fielding. Continue GB2 Phase 2 efforts, post TRR, to include development, integration, and developmental testing of the Beowulf iLEF, MFA, and a Sensor Control Unit (SCU) in preparation for GB2 Phase 2 OTRR. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase from FY2024 to FY2025 of $31.504 million due to additional engineering and integration test efforts related to GB2 Phase 2 Beowulf Multi-Function Array (MFA) development. The increase will directly fund GB2 platform integration, to include Statement of Requirements (SORs) software work for Phase 1 and 2; developmental and operational test for GB2 Phase 1; the NAS Whidbey Island Modification line stand up to support developmental and operational test of GB2 phase 1; engineering design and development, hardware integration, test efforts and stand up of depot level efforts related to GB2.					
Accomplishments/Planned Programs Subtotals	114.415	172.507	223.266	0.000	223.266

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy			Date: March 2024
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C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• APN/0505 011-10: *F-18E/F and EA-18G Modernization and Sustainment*	116.909	127.864	133.260	-	133.260	183.275	146.063	217.477	214.555	432.925	1,702.285
• RDTEN/1662: *F/A-18 Improvement*	169.733	323.420	367.163	-	367.163	305.333	266.562	264.340	258.045	464.249	7,340.952

Remarks

This represents only a portion of funds in BLI APN 0505 (OSIP 011-10 EA-18G Unique).

D. Acquisition Strategy

The program achieved Full Rate Production in November 2009. Development, integration, and test planning are underway for Growler Block II, a generational capability upgrade, which will be integrated into the overall EA-18G plan/roadmap. 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.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
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 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering (ASE/ICP-3)	Various	Various : Various	6.050	0.000		4.449	Dec 2023	0.197	Nov 2024	-		0.197	0.466	11.162	-
System Engineering (ASE / ICP3 (ALQ-218))	WR	NAWCWD : Pt. Mugu, CA	91.397	0.176	Nov 2022	0.000		0.000		-		0.000	0.000	91.573	-
System Engineering (ASE / ICP3 (ALQ-218))	C/IDIQ	Northrop Grumman : Various	118.725	2.948	Apr 2023	0.000		0.000		-		0.000	0.000	121.673	121.673
Software Development (Flight Plan)	WR	NAWCWD : China Lake, CA	0.000	2.000	Nov 2022	0.000		1.769	Nov 2024	-		1.769	1.648	5.417	-
Systems Engineering (Flight Plan)	Various	Various : Various	5.077	16.702	Mar 2023	24.204	Dec 2023	22.974	Nov 2024	-		22.974	68.157	137.114	-
Systems Engineering (ASE / ICP3 (DTP-N))	WR	SPAWAR : Various	3.016	1.300	May 2023	0.000		0.000		-		0.000	0.000	4.316	-
Software Development (ASE / ICP3 (ALQ-218))	WR	NAWCWD : China Lake, CA	40.612	6.244	Nov 2022	0.000		0.000		-		0.000	0.000	46.856	-
Software Development (ASE / ICP3 (ALQ-218))	C/IDIQ	Northrop Grumman : Various	28.015	7.770	Dec 2022	0.000		0.000		-		0.000	0.000	35.785	35.785
Primary Hardware Development (ALQ-218 ASE)	C/CPFF	Boeing : St. Louis, MO	2.919	0.000		0.000		0.000		-		0.000	0.000	2.919	2.919
Software Development (ASE / ICP3 (DTP-N))	Various	Various : Various	0.000	1.587	Dec 2022	0.000		0.000		-		0.000	0.000	1.587	-
SCS Software Development & Integration	C/IDIQ	Northrop Grumman : Various	42.858	0.085	Dec 2022	0.000		0.000		-		0.000	0.000	42.943	42.943
SCS Software Development & Integration	WR	NAWCWD : China Lake, CA	1.773	0.120	Dec 2022	0.000		0.000		-		0.000	0.000	1.893	-
SCS Software Development & Integration	WR	NAWCWD : Pt. Mugu, CA	3.651	0.000	Dec 2022	0.000		0.000		-		0.000	0.000	3.651	-
Primary Hardware Development (Growler Block 2/REAM)	WR	NAWCWD : China Lake, CA	13.100	1.117	Nov 2022	21.467	Nov 2023	10.729	Nov 2024	-		10.729	14.217	60.630	-
Software Development & Integration (Growler Block 2)	C/CPFF	Boeing : St. Louis, MO	0.000	5.626	Jun 2023	0.000		0.000		-		0.000	0.000	5.626	5.626

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development & Integration (Growler Block 2)	Various	Various : NSMA : Various	0.000	8.860	Nov 2022	0.000		0.000		-		0.000	0.000	8.860	-
Software Development & Integration (Growler Block 2)	WR	NAWCWD : China Lake, CA	0.000	1.075	Nov 2022	0.000		0.000		-		0.000	0.000	1.075	-
Software Development & Integration (Growler Block 2)	WR	NAWCWD : Pt. Mugu, CA	10.050	8.824	Nov 2022	12.375	Nov 2023	12.787	Nov 2024	-		12.787	29.388	73.424	-
Primary Hardware Development (Growler Block 2/REAM)	WR	NAWCAD : Pax River, MD	7.667	3.827	Nov 2022	12.257	Nov 2023	5.035	Nov 2024	-		5.035	21.169	49.955	-
Primary Hardware Development (Growler Block 2/REAM)	WR	NSWC : Crane, IN	0.000	18.628	Nov 2022	22.884	Nov 2023	23.879	Nov 2024	-		23.879	30.737	96.128	-
Primary Hardware Development (Growler Block 2/REAM)	C/IDIQ	Boeing : St. Louis, MO	92.890	0.000	Dec 2022	55.404	Dec 2023	103.132	Dec 2024	-		103.132	196.657	448.083	448.083
Prior Year Prod Dev no longer funded in FYDP	Various	Various : Various	1,397.702	0.000		0.000		0.000		-		0.000	0.000	1,397.702	-
		Subtotal	1,865.502	86.889		153.040		180.502		-		180.502	362.439	2,648.372	N/A

Remarks

Increase from FY2024 to FY2025 due to Growler Block II Phase 2 development and integration efforts to include Depot stand up for Growler Block II Phase 1 and Phase 2, and funding for Gun Bay Pallet (GBP) Mod line standup and GBP modifications to support DT.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support (ASE/ICP-3 (ALQ-218))	WR	NAWCAD : Patuxent River, MD	8.410	6.276	Dec 2022	2.693	Dec 2023	2.500	Nov 2024	-		2.500	26.763	46.642	-
SCS Development Support (ASE/ICP-3 (ALQ-218))	WR	NAWCWD : China Lake, CA	11.738	1.066	Dec 2022	0.000		1.146	Nov 2024	-		1.146	5.813	19.763	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SCS Development Support (ASE/ICP-3 (ALQ-218))	WR	NAWCWD : Pt. Mugu, CA	0.000	2.686	Nov 2022	2.000	Dec 2023	2.687	Nov 2024	-		2.687	14.520	21.893	-
Development Support (ASE/ICP-3 (DTP-N))	WR	NAWCWD : China Lake, CA	15.123	0.000		0.000		0.000		-		0.000	0.000	15.123	-
Development Support (ASE/ICP-3 (DTP-N))	Various	NSMA : Various	10.090	0.000	Dec 2022	1.592	Mar 2024	0.000		-		0.000	0.000	11.682	-
SCS Development & Integration Support	C/IDIQ	Northrop Grumman : Various	0.000	0.000	Jan 2023	0.000		0.000		-		0.000	0.000	0.000	-
Development Support (Flight Plan)	Various	Various : Various	39.528	1.362	Dec 2022	1.907	Dec 2023	1.904	Dec 2024	-		1.904	8.891	53.592	-
Development Support (Growler Block 2)	WR	NSWC : Crane, IN	4.984	2.447	Nov 2022	2.566	Nov 2023	2.677	Nov 2024	-		2.677	35.209	47.883	-
Development Support (Growler Block 2)	WR	NAWCWD : China Lake, CA	0.134	0.535	Nov 2022	0.000		4.461	Nov 2024	-		4.461	1.792	6.922	-
CDS Accrediation (DTP-N)	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Technical Data (Flight Plan)	Various	Various : Various	3.113	0.605	Dec 2022	0.635	Dec 2023	0.635	Dec 2024	-		0.635	3.812	8.800	-
Prior Year Support no longer funded in FYDP	Various	Various : Various	212.073	0.000		0.000		0.000		-		0.000	0.000	212.073	-
		Subtotal	305.193	14.977		11.393		16.010		-		16.010	96.800	444.373	N/A

Remarks

Increase from FY2024 to FY2025 due to labor and development support for Growler Block II Phase 2 development support at NAWCWD China Lake.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational Test & Evaluation (OT&E)	WR	NAWCWD : China Lake, CA	19.285	1.262	Nov 2022	3.282	Dec 2023	11.807	Nov 2024	-		11.807	58.393	94.029	-
Operational Test & Evaluation (OT&E)	WR	COTF : China Lake, CA	0.790	0.000		0.000		0.000		-		0.000	0.000	0.790	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
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 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational Test & Evaluation (OT&E)	WR	NAWCAD : Patuxent River, MD	29.973	8.646	Nov 2022	2.870	Dec 2023	13.319	Nov 2024	-		13.319	63.703	118.511	-
Operational Test & Evaluation (OT&E)	WR	Various : Various	0.000	0.179	Nov 2022	0.000		0.000		-		0.000	0.000	0.179	-
Prior Year Operational Test & Evaluation Not Funded FYDP (PYOT&E)	Various	Various : Various	198.682	0.000		0.000		0.000		-		0.000	0.000	198.682	-
		Subtotal	248.730	10.087		6.152		25.126		-		25.126	122.096	412.191	N/A

Remarks

Increase from FY2024 to FY2025 due to increase Growler Block II Phase 1 OT requirements.

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support (ASE/ICP-3 (TAC))	WR	Various : Various	1.481	0.427	Nov 2022	0.403	Nov 2023	0.028	Nov 2024	-		0.028	0.181	2.520	-
Program Management Support	Various	Various : Various	0.000	0.095	May 2023	0.000		0.000		-		0.000	0.000	0.095	-
PMMAC Contract	C/CPFF	Tekla : Patuxent River, MD	2.730	0.724	Mar 2023	0.316	Dec 2023	0.363	Mar 2025	-		0.363	2.338	6.471	6.471
Program Engineering Support (Flight Plan)	C/CPFF	Boeing : St. Louis, MO	39.999	0.680	Dec 2022	0.694	Feb 2024	0.708	Dec 2024	-		0.708	4.555	46.636	46.636
Program Engineering Support (Flight Plan)	WR	NAWCWD : China Lake, CA	2.278	0.516	Nov 2022	0.484	Nov 2023	0.494	Nov 2024	-		0.494	3.175	6.947	-
Travel	WR	Various : Various	3.176	0.020	Nov 2022	0.025	Dec 2023	0.035	Nov 2024	-		0.035	0.198	3.454	-
Prior Year Mgmt Svcs no longer funded in FYDP	Various	Various : Various	77.390	0.000		0.000		0.000		-		0.000	0.000	77.390	-
		Subtotal	127.054	2.462		1.922		1.628		-		1.628	10.447	143.513	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604269N / *EA-18 Squadrons*	Project (Number/Name) 3063 / *EA-18G Development*	

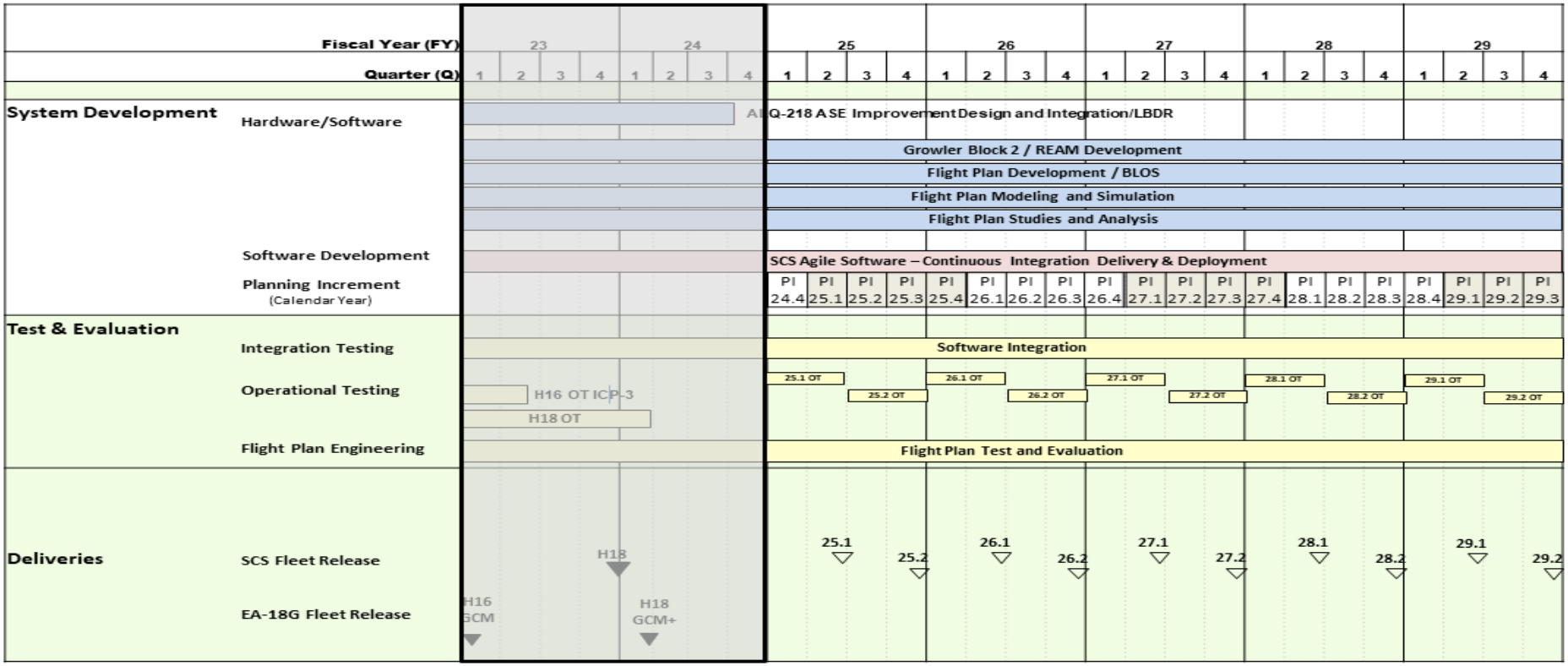
Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Remarks															
Decrease from FY2024 to FY2025 in CSS management support required for ASE/ICP3 efforts.															

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	2,546.479	114.415		172.507		223.266		-		223.266	591.782	3,648.449	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*



** Fleet releases are subject to hardware and software maturity*

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
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	2023	3	2024
Systems Development: Hardware/Software: Growler Block 2 AEA Development	1	2023	4	2029
Systems Development: Hardware/Software: Flight Plan Development	1	2023	4	2029
Systems Development: Hardware/Software: Flight Plan Modeling and Simulation	1	2023	4	2029
Systems Development: Hardware/Software: Flight Plan Studies and Analysis	1	2023	4	2029
Systems Development: Software Development: SCS Agile Software - Continuous Integration Delivery & Deployment	1	2025	4	2029
Test & Evaluation: Integration Testing: Software Integration Testing	1	2023	4	2029
Test & Evaluation: Operational Testing: H16 Operational Test - ICP-3	1	2023	2	2023
Test & Evaluation: Operational Testing: H18 Operational Testing	1	2023	1	2024
Test & Evaluation: Operational Testing: PI Operational Testing	1	2025	4	2029
Test & Evaluation: Flight Plan Engineering: Developmental, Integration and Operational Testing	1	2023	4	2029
Deliveries: H16 GCM	1	2023	1	2023
Deliveries: H16 GCM+	2	2024	2	2024
Deliveries: H18 Fleet Release	1	2024	1	2024
Deliveries: Fleet Releases	2	2025	4	2029