Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Navy	Date: March 2023
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 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	2,487.787	58.692	116.589	172.507	-	172.507	244.741	149.179	109.740	142.615	117.780	3,599.630
3063: *EA-18G Development*	2,487.787	58.692	116.589	172.507	-	172.507	244.741	149.179	109.740	142.615	117.780	3,599.630

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 replacement.

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. 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. 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 the System Configuration Set (SCS) block builds and Agile software developments, as well as related testing. Through FY2028, EA-18G Growler efforts 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.

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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*		
B. Program Change Summary ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024 Base**	**FY 2024 OCO**	**FY 2024 Total**
Previous President's Budget	59.674	116.589	100.765	-	100.765
Current President's Budget	58.692	116.589	172.507	-	172.507
Total Adjustments	-0.982	0.000	71.742	-	71.742
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.982	0.000			
• Program Adjustments	0.000	0.000	-1.454	-	-1.454
• Rate/Misc Adjustments	0.000	0.000	73.196	-	73.196

Change Summary Explanation

Technical: Not Applicable

Cost: The Department added FY2024 funding in the amount of $75.000 million for EA-18G Growler Block II Beowulf efforts. The FY2024 funding request was decreased by $3.258 million for miscellaneous adjustments.

Schedule: Not applicable.

Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy											Date: March 2023	
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 2022**	**FY 2023**	**FY 2024 Base**	**FY 2024 OCO**	**FY 2024 Total**	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**Cost To Complete**	**Total Cost**
3063: *EA-18G Development*	2,487.787	58.692	116.589	172.507	-	172.507	244.741	149.179	109.740	142.615	117.780	3,599.630
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 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 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Title: EA-18G AEA System Enhancements (ASE) and Integrated Capability Package (ICP-3)	25.570	13.732	9.137	0.000	9.137
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 2023 Plans:
Continuation of the H16 and H18 plan with OT activities and integration of improvements developed through the JATO teams. Work includes engineering, flight hours and test efforts for ALQ-218 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 LBDR and capacity improvements. To incorporate those ALQ-218 ASE upgrades with the SCS fleet releases on EA-18G, FY23 funding supports engineering, system integration, H-18 SCS development, Agile software development, Operational Flight Program 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 H16 & H18 SCS builds and Agile software developments, such as: DTP-N capabilities, TDOA, NCCT and Wingman Compatibility improvements. Funding will support the final incorporation of LBDR under the H18 build.

FY 2024 Base 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 ASE upgrade requirements to

Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy		Date: March 2023
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 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
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 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, Operational Flight Program 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 DTP-N capabilities, TDOA, NCCT and Wingman Compatibility improvements. Funding will support the final incorporation of LBDR under the H18 build. ***FY 2024 OCO Plans:*** N/A ***FY 2023 to FY 2024 Increase/Decrease Statement:*** Decrease from FY2023 to FY2024 of $4.595M due to completion of H16-related test activities for H16/GCM+, with the remainder of AEA testing shifting to H18.					
Title: EA-18G System Configuration Set (SCS) Development & Integration	4.542	5.305	2.000	0.000	2.000
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 2023 Plans:*** Continue SCS block software development and integration for the EA-18G, specifically SCS H18 and H20 builds. 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 2024 Base 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					

Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy		Date: March 2023
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 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
as Net Enabled Weapon Controller Interface Model interoperability software and equipment, and Live Virtual Constructive interoperability. ***FY 2024 OCO Plans:*** N/A ***FY 2023 to FY 2024 Increase/Decrease Statement:*** Decrease from FY2023 to FY2024 of $3.305 million due to a ramp-down of H18 System Configuration Set (SCS) efforts as the system nears fleet release.					
Title: EA-18G Flight Plan Engineering ***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. ***FY 2023 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, beyond line of sight communications and enhance EA-18G Cooperative Engagement Capability. Conduct dedicated Low Band Dedicated Receiver (LBDR) and NGJ Mid Band flight testing events. ***FY 2024 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, beyond line of sight communications and enhance EA-18G Cooperative Engagement Capability. Conduct dedicated Low Band Dedicated Receiver (LBDR) and NGJ Mid Band flight testing events. ***FY 2024 OCO Plans:*** N/A ***FY 2023 to FY 2024 Increase/Decrease Statement:*** Decrease from FY2023 to FY2024 of $1.236 million due to completion of H16 Growler Capability Modification (GCM and GCM+) test events.	15.014 -	35.311 -	34.075 -	0.000 -	34.075 -
Title: EA-18G Growler Block II	13.566	62.241	127.295	0.000	127.295

Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy		Date: March 2023
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
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, sensor, and jamming resource management capability. GB2 modernization and added capability aligns to the overall Growler roadmap.

FY 2023 Plans:
Continue GBII Phase 1 from post CDR development towards a Test Readiness Review (TRR) and begin lab test and integration of Engineering and Manufacturing Development (EMD) units of the upgraded EAU with REAM capability. Initial GBII Phase 2 efforts will include a prototype of the advanced Multi-Function Array (MFA) in the Inboard Leading Edge Flap (ILEF) and EMW RAM software development targeted for H22 integration and fielding.

FY 2024 Base Plans:
Complete developmental testing and integration of 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 to include early development and integration of the Beowulf Inboard Leading Edge Flap (ILEF) Multi-Function Array and Sensor Control Unit (SCU). Continue maturation of the EMW RAM software development targeted for GB2 spiral integration and fielding.

FY 2024 OCO Plans:

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
N/A ***FY 2023 to FY 2024 Increase/Decrease Statement:*** Increase from FY2023 to FY2024 of $65.054 million due to funding of Growler Block II Phase 2 Beowulf Multi-Function Array (MFA) development, integration, and test efforts. Beowulf MFA classification and development funding previously existed in an enhanced security environment prior to FY24.					
Accomplishments/Planned Programs Subtotals	58.692	116.589	172.507	0.000	172.507

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
• APN/0505: *F-18E/F and EA-18G Modernization and Sustainment*	445.721	552.849	605.416	-	605.416	531.235	573.367	592.884	771.385	5,457.277	9,916.539
• RDTEN/1662: *F/A-18 Improvement*	134.252	173.710	323.420	-	323.420	320.717	278.449	225.610	231.078	464.249	6,911.302

Remarks

D. Acquisition Strategy

The program achieved Full Rate Production in November 2009. Studies are underway for Growler Block II capabilities 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.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy		Date: March 2023
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 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering (ASE/ICP-3)	Various	Various : Various	2.470	3.580	Dec 2021	0.000		4.449	Dec 2023	-		4.449	0.615	11.114	-
System Engineering (ASE / ICP3 (ALQ-218))	WR	NAWCWD : Pt. Mugu, CA	90.831	0.566	Dec 2021	0.000		0.000		-		0.000	0.000	91.397	-
System Engineering (ASE / ICP3 (ALQ-218))	C/IDIQ	Northrop Grumman : Various	115.845	2.880	Feb 2022	0.361	Apr 2023	0.000		-		0.000	0.000	119.086	119.086
Systems Engineering (Flight Plan)	WR	ONR : Arlington, VA	0.000	0.000	Nov 2021	1.800	Nov 2022	0.000		-		0.000	0.000	1.800	-
Systems Engineering (Flight Plan)	Various	Various : Various	0.000	5.077	Dec 2021	23.800	Mar 2023	24.204	Dec 2023	-		24.204	82.045	135.126	-
Systems Engineering (ASE / ICP3 (DTP-N))	WR	SPAWAR : Various	1.990	1.025	Apr 2022	0.000		0.000		-		0.000	0.000	3.015	-
Software Development (ASE / ICP3 (ALQ-218))	WR	NAWCWD : China Lake, CA	38.532	2.080	Nov 2021	0.000		0.000		-		0.000	0.000	40.612	-
Software Development (ASE / ICP3 (ALQ-218))	C/IDIQ	Northrop Grumman : Various	18.158	9.857	Feb 2022	4.783	Dec 2022	0.000		-		0.000	0.000	32.798	32.798
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
SCS Software Development & Integration	C/IDIQ	Northrop Grumman : Various	41.935	0.923	Dec 2021	0.085	Dec 2022	0.000		-		0.000	0.000	42.943	42.943
SCS Software Development & Integration	WR	NAWCWD : China Lake, CA	1.182	0.591	Dec 2021	0.061	Dec 2022	0.000		-		0.000	0.000	1.834	-
SCS Software Development & Integration	WR	NAWCWD : Pt. Mugu, CA	3.494	0.157	Dec 2021	5.159	Dec 2022	0.000		-		0.000	0.000	8.810	-
Primary Hardware Development (Growler Block 2/REAM)	WR	NAWCWD : China Lake, CA	11.263	1.837	Dec 2021	9.435	Nov 2022	21.467	Nov 2023	-		21.467	69.687	113.689	-
Primary Hardware Development (Growler Block 2/REAM)	WR	NAWCWD : Pt. Mugu, CA	4.433	5.617	Nov 2021	11.055	Nov 2022	12.375	Nov 2023	-		12.375	51.173	84.653	-
Primary Hardware Development (Growler Block 2/REAM)	WR	NAWCAD : Pax River, MD	6.102	1.565	Nov 2021	15.661	Nov 2022	12.257	Nov 2023	-		12.257	69.110	104.695	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy		Date: March 2023
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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development (Growler Block 2/REAM)	WR	NSWC : Crane, IN	0.000	0.000		0.000		7.156	Nov 2023	-		7.156	50.885	58.041	-
Primary Hardware Development (Growler Block 2/REAM)	C/IDIQ	Boeing : St. Louis, MO	89.914	2.976	Dec 2021	22.922	Dec 2022	55.404	Dec 2023	-		55.404	270.886	442.102	442.127
Systems Engineering (Growler Block 2/REAM)	Various	Various : Various	0.000	0.000		0.138	Dec 2022	0.000		-		0.000	0.000	0.138	-
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	1,826.770	38.731		95.260		137.312		-		137.312	594.401	2,692.474	N/A

Remarks

Increase from FY2023 to FY2024 due to Growler Block II Phase 2 development and integration efforts to include Beowulf.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SCS Development Support (ASE/ICP-3 (ALQ-218))	WR	NAWCWD : Pt. Mugu	8.867	2.871	Dec 2021	2.016	Dec 2022	2.000	Dec 2023	-		2.000	10.181	25.935	-
SCS Development & Integration Support	C/IDIQ	Northrop Grumman : Various	0.000	0.000		0.600	Jan 2023	0.000		-		0.000	0.000	0.600	0.600
Development Support (ASE/ICP-3 (ALQ-218))	WR	NAWCAD : Patuxent River, MD	5.745	2.665	Dec 2021	1.066	Dec 2022	2.693	Dec 2023	-		2.693	15.917	28.086	-
Development Support (Flight Plan)	Various	Various : Various	39.568	1.530	Dec 2021	0.421	Dec 2022	1.907	Dec 2023	-		1.907	10.453	53.879	-
Development Support (Growler Block 2)	WR	NSWC : Crane	3.413	1.571	Nov 2021	2.970	Nov 2022	18.294	Nov 2023	-		18.294	49.325	75.573	-
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	8.960	1.130	Dec 2021	2.250	Dec 2022	1.592	Dec 2023	-		1.592	3.280	17.212	-

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Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CDS Accrediation (DTP-N)	Various	Various : Various	0.000	0.000		0.752	Nov 2022	0.000		-		0.000	0.000	0.752	-
Technical Data (Flight Plan)	Various	Various : Various	2.517	0.596	Dec 2021	0.000		0.635	Dec 2023	-		0.635	4.446	8.194	-
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	296.266	10.363		10.075		27.121		-		27.121	93.602	437.427	N/A

Remarks

Increase from FY2023 to FY2024 due to increased support to Flight Plan Engineering for beyond line of sight communication and Beowulf development efforts.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational Test & Evaluation (OT&E)	WR	NAWCWD : China Lake, CA	17.025	0.000		0.000		3.282	Dec 2023	-		3.282	0.000	20.307	-
Operational Test & Evaluation (OT&E)	WR	COTF : China Lake, CA	0.790	2.260	Dec 2021	3.551	Dec 2022	0.000		-		0.000	29.125	35.726	-
Operational Test & Evaluation (OT&E)	WR	NAWCAD : Patuxent River, MD	25.612	4.361	Dec 2021	5.844	Dec 2022	2.870	Dec 2023	-		2.870	34.931	73.618	-
Operational Test & Evaluation (OT&E)	WR	Various : Various	0.344	1.000	Jan 2022	0.000		0.000		-		0.000	0.000	1.344	-
Prior Year Operational Test & Evaluation Not Funded FYDP (PYOT&E)	Various	Various : Various	197.338	0.000		0.000		0.000		-		0.000	0.000	197.338	-
		Subtotal	241.109	7.621		9.395		6.152		-		6.152	64.056	328.333	N/A

Remarks

Decrease from FY2023 to FY2024 due to completion of H16 operational test events for Low Band Dedicated Receiver (LBDR).

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Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PMMAC Contract	C/CPFF	Tekla : Pax River, MD	1.972	0.758	Apr 2022	0.349	Apr 2023	0.316	Apr 2024	-		0.316	2.701	6.096	5.780
Program Management Support (ASE/ICP-3 (TAC))	WR	Various : Various	0.040	0.005	Dec 2021	0.400	Dec 2022	0.403	Dec 2023	-		0.403	0.209	1.057	-
Program Engineering Support (Flight Plan)	WR	NAWCWD : China Lake	1.691	0.587	Dec 2021	0.383	Dec 2022	0.484	Dec 2023	-		0.484	3.670	6.815	-
Program Engineering Support (Flight Plan)	C/CPFF	Boeing : St. Louis, MO	39.396	0.604	Feb 2022	0.707	Feb 2023	0.694	Feb 2024	-		0.694	5.263	46.664	46.664
Travel	WR	Various : Various	3.153	0.023	Dec 2021	0.020	Dec 2022	0.025	Dec 2023	-		0.025	0.153	3.374	-
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	123.642	1.977		1.859		1.922		-		1.922	11.996	141.396	N/A

Remarks

Increase from FY2023 to FY2024 for necessary management support and travel required for Beowulf and beyond line of sight efforts.

	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	2,487.787	58.692		116.589		172.507		-		172.507	764.055	3,599.630	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

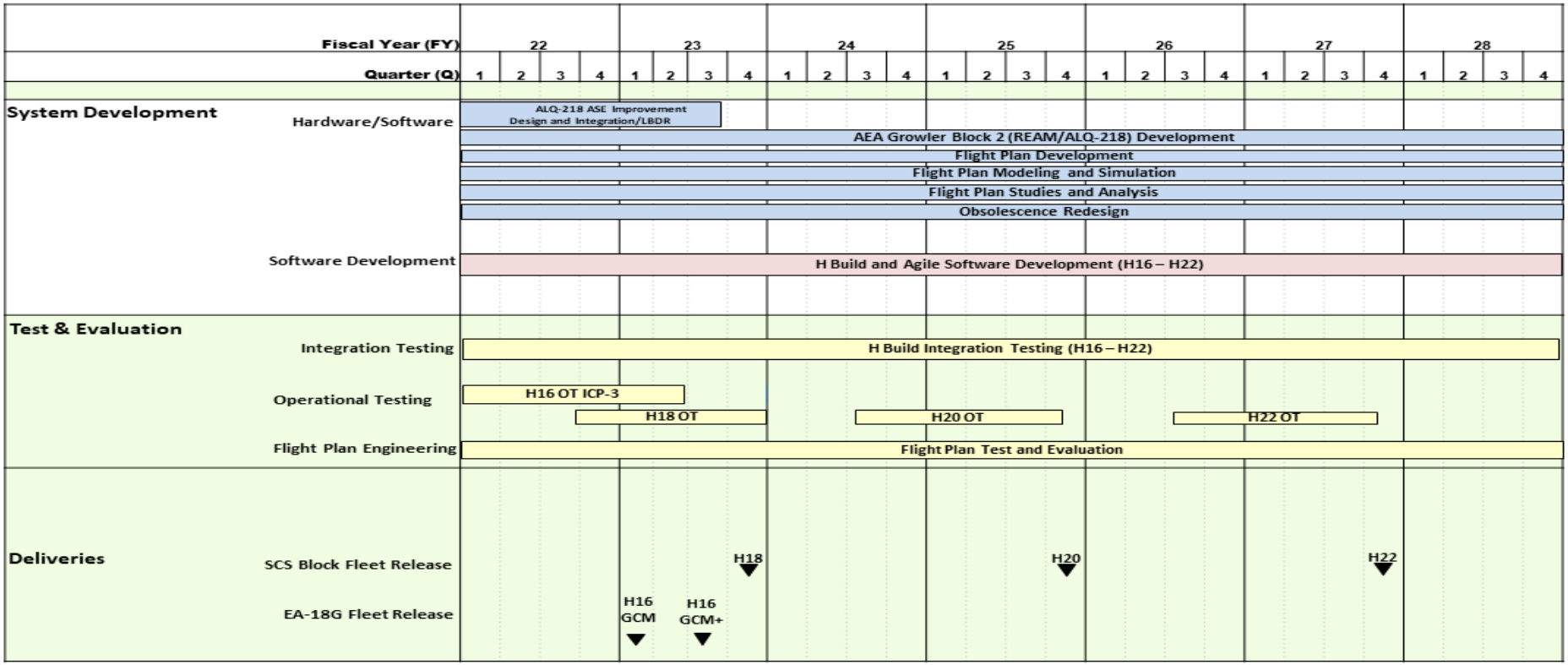

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604269N / *EA-18 Squadrons*	**Project (Number/Name)** 3063 / *EA-18G Development*

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	2022	3	2023
Systems Development: Hardware/Software: Growler Block 2 AEA Development	1	2022	4	2028
Systems Development: Hardware/Software: Flight Plan Development	1	2022	4	2028
Systems Development: Hardware/Software: Flight Plan Modeling and Simulation	1	2022	4	2028
Systems Development: Hardware/Software: Flight Plan Studies and Analysis	1	2022	4	2028
Systems Development: Hardware/Software: Obsolescence Redesign Development and Testing	1	2022	4	2028
Systems Development: Software Development: H Build and Agile Software Development	1	2022	4	2028
Test & Evaluation: Integration Testing: H Build Integration Testing	1	2022	4	2028
Test & Evaluation: Operational Testing: H16 Operational Testing - EOC	1	2022	2	2023
Test & Evaluation: Operational Testing: H16 Operational Test - ICP-3	1	2022	2	2023
Test & Evaluation: Operational Testing: H18 Operational Testing	3	2022	4	2023
Test & Evaluation: Operational Testing: H20 Operational Testing	3	2024	4	2025
Test & Evaluation: Operational Testing: H22 Operational Testing	3	2026	4	2027
Test & Evaluation: Flight Plan Engineering: Developmental, Integration and Operational Testing	1	2022	4	2028
Deliveries: H16 Fleet Release	1	2023	1	2023
Deliveries: H16 GCM	1	2023	1	2023
Deliveries: H16 GCM+	3	2023	3	2023
Deliveries: H18 Fleet Release	4	2023	4	2023
Deliveries: H20 Fleet Release	4	2025	4	2025

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy		Date: March 2023
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**
Deliveries: H22 Fleet Release	4	2027	4	2027