Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Navy												Date: May 2021
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development*					R-1 Program Element (Number/Name) PE 0305421N *I RQ-4 Modernization*							
COST ($ in Millions)	**Prior Years**	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**Cost To Complete**	**Total Cost**
Total Program Element	736.984	195.445	129.164	134.323	-	134.323	-	-	-	-	-	-
2939: *RQ-4 Modernization*	736.984	195.445	129.164	134.323	-	134.323	-	-	-	-	-	-

Program MDAP/MAIS Code:
Project MDAP/MAIS Code(s): 373

Note

MQ-4C Triton RDT&E funding for modernization was segregated into a new program element (from PE 0305220N to PE 0305421N) for increased transparency.

A. Mission Description and Budget Item Justification

MQ-4C Triton Unmanned Air System (UAS). The popular name Triton was approved for the MQ-4C UAS in June 2012, designating the RQ-4 Broad Area Maritime Surveillance UAS as the MQ-4C Triton.

The MQ-4C Triton is a high altitude-long endurance UAS designed to provide Fleet and combatant commanders with persistent maritime Intelligence, Surveillance and Reconnaissance (ISR) of nearly all the world's high-density sea-lanes, littorals, and areas of national interest. Teamed with its manned-capability counterpart, the P-8A, Triton will be a key component of the Navy's family of systems to achieve maritime domain awareness. MQ-4C Triton will seek to leverage Maritime Patrol and Reconnaissance Force manpower, training and maintenance efficiencies.

The MQ-4C Triton features sensors designed to provide near worldwide coverage through a network of orbits inside and outside continental United States, with sufficient air vehicles to remain airborne for 24 hours a day, 7 days a week, out to ranges of 2,000 nautical miles. Onboard sensors will provide detection, classification, tracking and identification of maritime targets and include maritime radar, electro-optical/infra-red and Electronic Support Measures systems. Additionally, the MQ-4C will have a communications relay capability designed to link dispersed forces in the theater of operations and serve as a node in the Navy's networked strategy. Tactical-level data analysis will occur in real-time at shore-based mission control sites connected to the air vehicle via satellite communications. Further intelligence exploitation can be conducted at Fleet shore-based sites or aboard aircraft carriers and other ships.

The MQ-4C Triton UAS will implement phased capability upgrades within the ongoing acquisition program to pace capability with rapidly evolving technologies and threats to ensure the Navy maintains persistent ISR dominance through the system's lifecycle, and to support the Maritime Intelligence, Surveillance, Reconnaissance and Targeting (MISR&T) transition plan. System upgrades will include Multi-Intelligence capabilities, Counter Electronic Attack upgrades, a more robust electronic support capability, and continued improvements to baseline mission system payloads.

The MQ-4C air vehicle, mission control system, specialized sensors, and communications suite will play a significant role in achieving the Navy's strategic vision for the 21st century. The Triton system as a persistence ISR enabler provides the supported combatant commander and fleet commander with unparalleled situational awareness of the maritime battle space to develop and sustain the common operational tactical picture. The system will also serve as a Fleet response plan enabler with a persistent, global force offering to provide critical trip wire information for intelligence preparation of the environment. Triton will connect to both the Global

Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Navy	Date: May 2021
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305421N *I RQ-4 Modernization*

Information Grid and the Distributed Common Ground System-Navy information backbone to provide the Warfighter with unprecedented levels of battlespace awareness to synchronize actions necessary to maintain maritime Full Spectrum Superiority.

JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under OPERATIONAL SYSTEMS DEVELOPMENT because it includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate funding in the current or subsequent fiscal year.

B. Program Change Summary ($ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	185.446	178.799	198.466	-	198.466
Current President's Budget	195.445	129.164	134.323	-	134.323
Total Adjustments	9.999	-49.635	-64.143	-	-64.143
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-49.635			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	9.999	0.000			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	-62.400	-	-62.400
• Rate/Misc Adjustments	0.000	0.000	-1.743	-	-1.743

Change Summary Explanation

The reduction in FY 2022 since the previous President's Budget submission is due to the restructure of the MQ-4C Triton program to follow an incremental approach to deliver the Integrated Functional Capability (IFC)-4 Multi-Intelligence (Multi-INT) capability. Increment 1 delivers the requisite capability to execute the MISR&T Transition Plan and sundown the legacy EP-3 platform. Follow-on increments incorporate the planned and future program of record capability.

The program received a BTR of $9.999M to support MQ-4C Multi-Intelligence (Multi-INT) Part B hardware integration and software development efforts.

Schedule Changes:
Initial Operational Capability moved 4 Quarters from 4th Quarter FY 2022 to 4th Quarter FY 2023 due to the program adopting an incremental approach to deliver the IFC-4 Multi-INT capability.
QC separated in QC 1 and QC 2.
B3 delivery moved 2 Quarters from 1st Quarter 2021 to 3rd Quarter 2021.
MB7P delivery moved 2 Quarters from 1st Quarter FY 2021 to 3rd Quarter FY 2021.

Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy											Date: May 2021	
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0305421N / *RQ-4 Modernization*				Project (Number/Name) 2939 / *RQ-4 Modernization*			
COST ($ in Millions)	**Prior Years**	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**Cost To Complete**	**Total Cost**
2939: *RQ-4 Modernization*	736.984	195.445	129.164	134.323	-	134.323	-	-	-	-	-	-
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: 373

A. Mission Description and Budget Item Justification

MQ-4C Triton Unmanned Air System (UAS). The popular name Triton was approved for the MQ-4C UAS in June 2012, designating the RQ-4 Broad Area Maritime Surveillance UAS as the MQ-4C Triton.

The MQ-4C Triton is a high altitude-long endurance UAS designed to provide Fleet and combatant commanders with persistent maritime Intelligence, Surveillance and Reconnaissance (ISR) of nearly all the world's high-density sea-lanes, littorals, and areas of national interest. Teamed with its manned-capability counterpart, the P-8A, Triton will be a key component of the Navy's family of systems to achieve maritime domain awareness. MQ-4C Triton will seek to leverage Maritime Patrol and Reconnaissance Force manpower, training and maintenance efficiencies.

The MQ-4C Triton features sensors designed to provide near worldwide coverage through a network of orbits inside and outside continental United States, with sufficient air vehicles to remain airborne for 24 hours a day, 7 days a week, out to ranges of 2,000 nautical miles. Onboard sensors will provide detection, classification, tracking and identification of maritime targets and include maritime radar, electro-optical/infra-red and Electronic Support Measures systems. Additionally, the MQ-4C will have a communications relay capability designed to link dispersed forces in the theater of operations and serve as a node in the Navy's networked strategy. Tactical-level data analysis will occur in real-time at shore-based mission control sites connected to the air vehicle via satellite communications. Further intelligence exploitation can be conducted at Fleet shore-based sites or aboard aircraft carriers and other ships.

The MQ-4C Triton UAS will implement phased capability upgrades within the ongoing acquisition program to pace capability with rapidly evolving technologies and threats to ensure the Navy maintains persistent ISR dominance through the system's lifecycle, and to support the Maritime Intelligence, Surveillance, Reconnaissance and Targeting (MISR&T) transition plan. System upgrades will include Multi-Intelligence capabilities, Counter Electronic Attack upgrades, a more robust electronic support capability, and continued improvements to baseline mission system payloads.

The MQ-4C air vehicle, mission control system, specialized sensors, and communications suite will play a significant role in achieving the Navy's strategic vision for the 21st century. The Triton system as a persistence ISR enabler provides the supported combatant commander and fleet commander with unparalleled situational awareness of the maritime battle space to develop and sustain the common operational tactical picture. The system will also serve as a Fleet response plan enabler with a persistent, global force offering to provide critical trip wire information for intelligence preparation of the environment. Triton will connect to both the Global Information Grid and the Distributed Common Ground System-Navy information backbone to provide the Warfighter with unprecedented levels of battlespace awareness to synchronize actions necessary to maintain maritime Full Spectrum Superiority.

Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305421N / *RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Title: Product Development	176.770	106.253	97.224	0.000	97.224
Articles:	-	-	-	-	-
Description: MQ-4C Triton Unmanned Air System (UAS) modernization effort for incorporation of phased capability upgrades. The prime contractor is responsible for integration of upgrades into the Triton UAS including associated management, engineering and logistics activities. Capability upgrades will also include development of system payloads directly with original equipment manufacturers. ***FY 2021 Plans:*** FY 2021 continues development of capability upgrades as the program continues test asset modification and software development, including Multi-Intelligence capabilities in support of the Intelligence, Surveillance, Reconnaissance and Targeting transition plan. Funding includes Electromagnetic Interference (EMI) and Co-site corrective actions, AMP development and integration of development assets for capability upgrades including electro-optical/infra-red, Multi-Function Active Sensor (MFAS) radar improvements, SIGINT High Band and SIGINT Low Band systems. Supports Multi-INT development emergent scope, preserves development schedule and employment for Q4 FY 2023 Multi-INT IOC, and maintains alignment with MISR&T plan. ***FY 2022 Base Plans:*** FY 2022 continues development of capability upgrades as the program continues software development, including Multi-Intelligence capabilities in support of the Intelligence, Surveillance, Reconnaissance and Targeting transition plan. Efforts will also include Correction of Deficiencies (COD) identified in testing. Funding includes Electromagnetic Interference (EMI) and Co-site corrective actions, AMP development and integration of development assets for capability upgrades including electro-optical/infra-red, Multi-Function Active Sensor (MFAS) radar improvements, SIGINT High Band and SIGINT Low Band systems. Supports Multi-INT development emergent scope, preserves development schedule and employment for Q4 FY 2023 Multi-INT IOC, and maintains alignment with MISR&T plan. ***FY 2022 OCO Plans:*** N/A ***FY 2021 to FY 2022 Increase/Decrease Statement:*** Decrease from FY 2021 to FY 2022 aligns to required funding for hardware development and systems engineering in support of phased capability upgrades driven by the program's transition to test efforts in support of Multi-INT IOC in FY 2023.					
Title: ILS, Support, Studies & Analysis	2.845	2.950	3.006	0.000	3.006
Articles:	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305421N / *RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Description: Integrated Logistics Support, Studies and Analysis. ***FY 2021 Plans:*** Funding continues in FY 2021 to support the development and integration of logistics and product support considerations for Triton's modernization upgrade. Efforts include integrated logistics support, technical engineering services, sensor reliability and maintainability risk reduction, logistics supportability analyses and environmental planning, modeling and simulation, development of manpower and basing assessments, and development of technical data to support fielding of the MQ-4C Triton UAS modernization capabilities. ***FY 2022 Base Plans:*** Funding continues in FY 2022 to support the development and integration of logistics and product support considerations for Triton's modernization upgrade. Efforts include integrated logistics support, technical engineering services, sensor reliability and maintainability risk reduction, logistics supportability analyses and environmental planning, modeling and simulation, development of manpower and basing assessments, and development of technical data to support fielding of the MQ-4C Triton UAS modernization capabilities. ***FY 2022 OCO Plans:*** N/A ***FY 2021 to FY 2022 Increase/Decrease Statement:*** Increase from FY 2021 to FY 2022 reflects continued support toward attaining Multi-INT IOC in FY 2023.					
Title: Test & Evaluation (T&E)	13.996	18.086	32.183	0.000	32.183
Articles:	-	-	-	-	-
Description: T&E efforts. ***FY 2021 Plans:*** Funding continues in FY 2021 to support IOT&E activities, including integrated test team labor to reduce risk in design and development, perform subsystem level ground and acceptance testing, obtain the necessary satellite communications required for testing and continue OT support to allow test and fielding of the MQ-4C Triton UAS phased capability upgrades in accordance with the program schedule. To support Multi-INT IOC, the program initiates QC1 ground and flight test, validates EMI corrective actions, and initiates follow-on test activities. ***FY 2022 Base Plans:*** Funding continues in FY 2022 to support IOT&E activities, including integrated test team labor to reduce risk in design and development, perform subsystem level ground and acceptance testing, obtain the necessary satellite					

Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305421N / *RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
communications required for testing and continue OT support to allow test and fielding of the MQ-4C Triton UAS phased capability upgrades in accordance with the program schedule. To support Multi-INT IOC, the program initiates QC2 ground and flight test, validates EMI corrective actions and Corrections of Deficiencies (CODs). ***FY 2022 OCO Plans:*** N/A ***FY 2021 to FY 2022 Increase/Decrease Statement:*** Increase from FY 2021 to FY 2022 provides for increased integrated test events to verify the system meets Key Performance Parameters and Key System Attributes to support a FY 2023 Multi-INT IOC.					
Title: Program Management (PM) ***Articles:*** ***Description:*** PM support and travel. ***FY 2021 Plans:*** Continue the following: PM support and travel, development of milestone and acquisition-related documentation, capability refinement and open systems architecture development, resource justification, affordability assessments and cost analyses, risk reduction and risk management, system integration and interoperability planning, technology maturity reviews, program protection planning, corrosion prevention planning, and joint and international cooperation efforts. ***FY 2022 Base Plans:*** Continue the following: PM support and travel, development of milestone and acquisition-related documentation, capability refinement and open systems architecture development, resource justification, affordability assessments and cost analyses, risk reduction and risk management, system integration and interoperability planning, technology maturity reviews, program protection planning, corrosion prevention planning, and joint and international cooperation efforts. ***FY 2022 OCO Plans:*** N/A ***FY 2021 to FY 2022 Increase/Decrease Statement:*** Increase from FY 2021 to FY 2022 provides for continued program and analysis support toward attaining Multi-INT IOC in FY 2023.	1.834 -	1.875 -	1.910 -	0.000 -	1.910 -
Accomplishments/Planned Programs Subtotals	195.445	129.164	134.323	0.000	134.323

Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305421N / *RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
• RDT&E/0305220N: *(U)MQ-4C Triton*	11.784	11.120	13.029	-	13.029	-	-	-	-	-	-
• APN/0442: *MQ-4 Triton*	477.835	287.072	160.151	-	160.151	-	-	-	-	-	-
• APN/0605/J0442: *Spares and Repair Parts*	107.888	3.228	26.282	-	26.282	-	-	-	-	-	-
• APN/0596: *MQ-4 Series*	27.994	3.584	7.100	-	7.100	-	-	-	-	-	-
• OMN/1D4D: *Weapons Maintenance*	24.939	24.674	42.061	-	42.061	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The MQ-4C Triton acquisition approach supports the Navy's Maritime Intelligence, Surveillance, Reconnaissance, and Targeting (MISR&T) Transition Plan by providing a stable and effective baseline early operational capability (EOC) in 2020 to facilitate Fleet introduction and learning while continuing development engineering and integrated test on Signals Intelligence (SIGINT) and other upgrades to deliver a Multi-INT configuration at Initial Operational Capability (IOC). Phased capability upgrades will continue post IOC to enable the MQ-4C Triton to keep pace with rapidly evolving technologies and threats, and address correction of deficiencies and obsolescence issues to ensure the Navy maintains persistent Intelligence, Surveillance and Reconnaissance dominance through the system's lifecycle.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305421N / *RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development Multi-INT	C/CPFF	Northrop Grumman : Rancho Bernardo, CA	457.109	145.577	Nov 2019	83.863	Nov 2020	69.200	Nov 2021	-		69.200	-	-	-
Primary Hardware Development	SS/FFP	Raytheon : McKinney, TX	6.979	0.000		0.000		0.000		-		0.000	-	-	-
Primary Hardware Development	C/CPFF	Sierra Nevada Corporation : Beaver Creek, OH	13.000	0.000		0.000		0.000		-		0.000	-	-	-
Primary Hardware Development	C/CPFF	Boeing Argon ST : Fairfax, VA	5.128	0.000		0.000		0.000		-		0.000	-	-	-
Primary Hardware Development	C/CPFF	Ticom Geomatics : Austin, TX	18.081	7.000	Jan 2020	5.127	Jan 2021	7.000	Jan 2022	-		7.000	-	-	-
Primary Hardware Development	WR	NSWC-Crane : Crane, Indiana	35.530	0.050	Nov 2019	0.050	Nov 2020	0.050	Nov 2021	-		0.050	-	-	-
Primary Hardware Development	C/CPFF	L-3 Communication Systems : Salt Lake City, UT	20.000	0.000		0.000		0.000		-		0.000	-	-	-
Systems Engineering - Multi-INT	Various	Various : Various	39.979	0.750	Nov 2019	0.250	Nov 2020	0.250	Nov 2021	-		0.250	-	-	-
Systems Engineering - Multi-INT	WR	NAWC-AD : Patuxent River, MD	77.941	21.643	Nov 2019	15.213	Nov 2020	18.974	Nov 2021	-		18.974	-	-	-
Systems Engineering - Multi-INT	C/CPFF	Mitre : McLean, VA	7.050	1.000	Nov 2019	1.000	Nov 2020	1.000	Nov 2021	-		1.000	-	-	-
Systems Engineering - Multi-INT	C/CPFF	MIT-Lincoln Labs : Lexington, MA	7.466	0.750	Nov 2019	0.750	Nov 2020	0.750	Nov 2021	-		0.750	-	-	-
		Subtotal	688.263	176.770		106.253		97.224		-		97.224	-	-	N/A

Remarks

The Multi-INT Product Development budget resources Northrop Grumman for Multi-Intelligence integration design efforts, Raytheon for an Electro-Optical/Infrared (EO/IR) upgrade contract, Sierra Nevada Corporation for high band sensor kits, Boeing Argon for low band sensor kits, Ticom Geomatics for networking, L-3 Communication Systems for High Gain Common Data Link, NSWC-Crane for Airborne Mission Processor design and MITRE/MIT-LL for Airspace Integration efforts.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305421N / *RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support	Various	Various : Various	2.634	0.550	Nov 2019	0.250	Nov 2020	0.255	Nov 2021	-		0.255	-	-	-
Integrated Logistics Support	Various	Various : Various	2.998	0.890	Nov 2019	0.602	Nov 2020	0.613	Nov 2021	-		0.613	-	-	-
Integrated Logistics Support	WR	NAWC-AD : Patuxent River, MD	5.120	1.405	Nov 2019	2.098	Nov 2020	2.138	Nov 2021	-		2.138	-	-	-
		Subtotal	10.752	2.845		2.950		3.006		-		3.006	-	-	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	Various	Various : Various	2.627	0.704	Nov 2019	0.718	Nov 2020	0.732	Nov 2021	-		0.732	-	-	-
Developmental Test & Evaluation	WR	NAWC-AD : Patuxent River, MD	23.046	11.498	Nov 2019	15.692	Nov 2020	21.919	Nov 2021	-		21.919	-	-	-
Operational Test & Evaluation	Various	Various : Various	1.510	0.794	Nov 2019	0.676	Nov 2020	8.512	Nov 2021	-		8.512	-	-	-
Developmental Test & Evaluation (SATCOMM)	MIPR	DITCO : Various	1.681	1.000	Nov 2019	1.000	Nov 2020	1.019	Nov 2021	-		1.019	-	-	-
		Subtotal	28.864	13.996		18.086		32.182		-		32.182	-	-	N/A

Remarks

Increase in Test & Evaluation funding from FY 2021 to FY 2022 provides for increased OT&E events to verify the system meets Key Performance Parameters and Key System Attributes to support a FY 2023 Multi-INT IOC. Resources also support resolution of deficiencies identified during OT.

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management	Various	Various : Various	0.839	0.176	Nov 2019	0.184	Nov 2020	0.188	Nov 2021	-		0.188	-	-	-
Travel	Allot	Various : Various	0.173	0.035	Nov 2019	0.036	Nov 2020	0.037	Nov 2021	-		0.037	-	-	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Navy			Date: May 2021
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305421N / *RQ-4 Modernization*	Project (Number/Name) 2939 / *RQ-4 Modernization*	

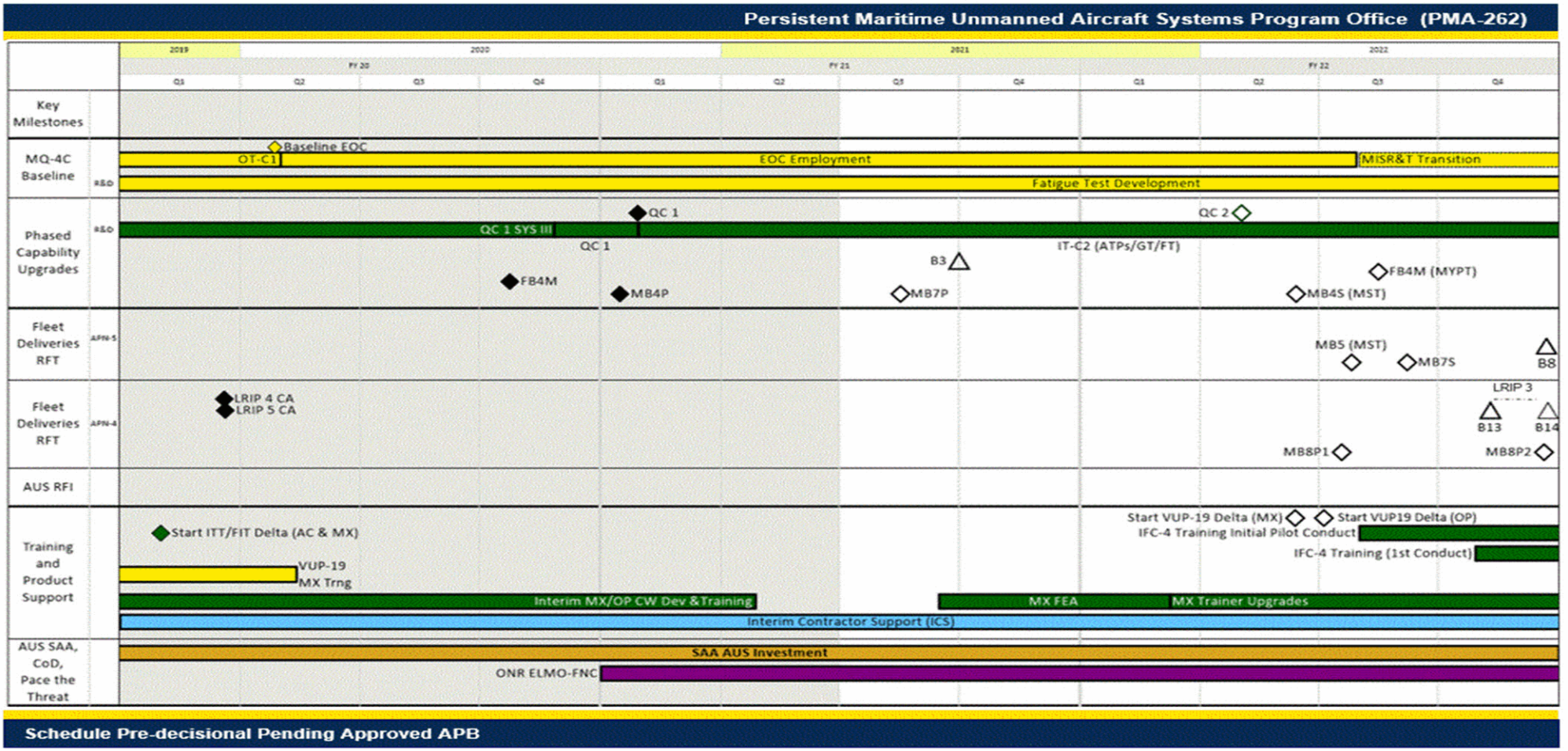
Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	C/CPFF	Ausley : Lexington Park, MD	8.093	1.623	Nov 2019	1.655	Nov 2020	1.686	Nov 2021	-		1.686	-	-	-
		Subtotal	9.105	1.834		1.875		1.911		-		1.911	-	-	N/A

	Prior Years	FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	736.984	195.445		129.164		134.323		-		134.323	-	-	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305421N / *RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*



Note: Low Rate Initial Production Lot 1 aircraft are conditionally accepted in IFC 3.0 configuration and retrofit to Multi-INT configuration. Low Rate Initial Production Lot 2 aircraft, excluding aircraft B12, are conditionally accepted in IFC 3.0 configuration and retrofit to Multi-INT configuration. R-4 schedule depicts Ready for Tasking aircraft delivered to the fleet vice initial government acceptance of the aircraft.

Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305421N / *RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 2939				
Acquisition Milestones: Baseline Early Operational Capability	2	2020	2	2020
System Development: Airframe Fatigue Testing and Analysis	1	2020	4	2022
System Development: Phased Capability Upgrades - Multi-INT (IFC 4.0)	1	2020	4	2022
Test & Evaluation Activities: Integrated Test (Combined/Developmental/Operational)	1	2020	4	2022
Production Milestones: Contracts: Low Rate Initial Production Lot 4 Contract Award	1	2020	1	2020
Production Milestones: Contracts: Low Rate Initial Production Lot 5 Contract Award	1	2020	1	2020
Production Milestones: Deliveries: Low Rate Initial Production Lot 3 Delivery	4	2022	4	2022