Exhibit R-2, RDT&E Budget Item Justification: PB 2021 United States Special Operations Command	Date: February 2020
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide* / BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*

COST ($ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	53.657	44.970	42.377	19.154	5.000	24.154	22.252	24.152	26.058	25.859	Continuing	Continuing
S855: *Unmanned ISR*	53.657	44.970	42.377	19.154	5.000	24.154	22.252	24.152	26.058	25.859	Continuing	Continuing

A. Mission Description and Budget Item Justification

NOTE: Unmanned Intelligence, Surveillance, and Reconnaissance (ISR) includes the consolidation of Special Applications for Contingencies (SAFC) (previously Program Element (PE) 0304210BB); MQ-1 Unmanned Aerial Vehicle (UAV), (previously PE 0305219BB); MQ-8, (previously PE 0305231BB); RQ-11, UAV (previously PE 1105232BB); and RQ-7 UAV, (previously PE 1105233BB).

This program element is part of the Military Intelligence Program (MIP). Unmanned ISR rapidly develops and deploys special capabilities to perform ISR for deployed Special Operations Forces (SOF) using non-traditional means. USSOCOM has been designated as the Department of Defense lead for planning, synchronizing, and as directed, executing global operations against terrorist networks and targets. United States Special Operations Command (USSOCOM) requires the capability to find, fix, and finish time-sensitive high-value fixed and fleeting targets at the unit and team level without placing personnel and units in harm's way. These targets can often only be identified with patient collection of information and require rapid, decisive action during the short periods in which they present themselves. This PE addresses the primary areas of ISR and Targeting capabilities for SOF. This R-1 program element includes $5.000 million for both FY 2019 and FY 2020 enduring Overseas Contingency Operations (OCO) funding. FY 2021 funding includes OCO for Enduring Requirements ($5.000 million). These technologies will be pursued via rapid prototyping efforts when appropriate.

B. Program Change Summary ($ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Previous President's Budget	44.970	42.377	39.154	-	39.154
Current President's Budget	44.970	42.377	19.154	5.000	24.154
Total Adjustments	0.000	0.000	-20.000	5.000	-15.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other	-	-	-20.000	5.000	-15.000

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2019	FY 2020
Project: S855: *Unmanned ISR*		

Exhibit R-2, RDT&E Budget Item Justification: PB 2021 United States Special Operations Command	Date: February 2020
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 1160434BB *I Unmanned ISR*

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2019	FY 2020
Congressional Add: *Anti-ice for Group 3 and above UAV's*	6.000	-
Congressional Add Subtotals for Project: S855	6.000	-
Congressional Add Totals for all Projects	6.000	-

Change Summary Explanation

Funding:

FY 2019: None.

FY 2020: None.

FY 2021: Net decrease of $15.000 million is due to funding transfer from base (-$5.000 million) to OCO ($5.000 million) for Enduring Requirements.

For the Defense Wide Review (DWR), USSOCOM performed a comprehensive analysis of future capabilities and is reducing the SAFC projects to better align with the Department's priorities as outlined in the National Defense Strategy (-$15.000 million).
-$15.000 million - SAFC - reduces development, integration, evaluation, and miniaturization capability into SOF Small Unmanned Aerial Systems (SUAS).

Schedule: None.

Technical: None.

Exhibit R-2A, RDT&E Project Justification: PB 2021 United States Special Operations Command			Date: February 2020
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160434BB / *Unmanned ISR*	Project (Number/Name) S855 / *Unmanned ISR*	

COST ($ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
S855: *Unmanned ISR*	53.657	44.970	42.377	19.154	5.000	24.154	22.252	24.152	26.058	25.859	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project is part of the Military Intelligence Program (MIP). It rapidly develops and deploys special capabilities to perform Intelligence, Surveillance, and Reconnaissance (ISR) for deployed Special Operations Forces (SOF) using non-traditional means.

Group 1, 2, 3 and 4, Unmanned Aerial Systems (UAS) developmental efforts are to identify, develop, integrate, and test SOF-unique mission kits, mission payloads, air vehicle enhancements, and modifications to ground control stations. Based on stakeholder input and requirements, Special Applications for Contingencies (SAFC) develops and integrates UAS payloads to advance ISR capabilities that address dynamic and emergent operational needs of the SOF user. Efforts include improving imagery intelligence and electronic warfare payloads, capitalizing on developing technologies to reduce size, weight and power while addressing processing and data management challenges. This program also provides a mechanism for SOF user combat evaluation of emerging sensor technologies.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Title: SAFC	20.679	22.276	10.070	-	10.070
Description: SAFC's evolutionary development projects quickly provide integrated, SOF-unique mission kits, mission payloads, air vehicle enhancements and ground control station upgrades to its user community. These efforts rapidly develop and integrate Unmanned Aerial Systems (UAS) air vehicles, payloads and other technologies to field ISR capabilities and address dynamic and emergent operational needs and vulnerabilities of the SOF user. Efforts include improving imagery intelligence and electronic warfare payloads, capitalizing on developing technologies to reduce size, weight and power while addressing processing and data management challenges. It also provides a mechanism for SOF user combat evaluation of emerging sensor technologies. SAFC applies focused Research & Development (R&D) for relatively low cost solutions to provide short lead-time contingency planning requirements where focused R&D will allow for test and evaluation of leading edge solutions to emergent problem sets.					
FY 2020 Plans: Continue development and combat evaluation of selected sensor delivery platforms and mounted or deliverable ISR capabilities for global contingencies including short-notice requirements. Continue evaluation of unique sensor technologies, persistent stare and quick reaction systems.					
FY 2021 Base Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Continues development and combat evaluation at a reduced level from prior years of selected sensor delivery platforms and mounted or deliverable ISR capabilities for global contingencies including short-notice requirements. Continues evaluation of unique sensor technologies, persistent stare and quick reaction systems. ***FY 2020 to FY 2021 Increase/Decrease Statement:*** Decrease of $12.206 million was made available due to reduced development and evaluation of selected sensor delivery platforms and mounted or deliverable ISR capabilities for global contingencies.					
Title: Group 1 UAS ***Description:*** Group 1 UAS are small tactical systems, less than 20 pounds in weight. Provides for rapid development and prototyping efforts to identify, develop, integrate, and test SOF-unique mission kits.	0.329	-	-	-	-
Title: Expeditionary Organic Tactical Airborne ISR Capability Set (EOTACS) ***Description:*** EOTACS systems are less than 55 pounds in weight and include fixed wing, Vertical Takeoff and Landing, and tethered platforms. Provides for rapid development and prototyping efforts to identify, develop, integrate, and test SOF-unique mission kits. Leverage SAFC development efforts. ***FY 2020 Plans:*** Group 1 UAS funding is incorporated into the EOTACS program starting in FY20. Continue integration and testing of SOF-unique mission kits, mission payloads, and modifications to the small tactical UAS and ground control station, to include but not limited to: improved capabilities for geo-location, collection of push-to-talk, communications, specialized tagging, tracking, and locating, and enhanced communications relay and work to miniaturize previously developed payloads. ***FY 2021 Base Plans:*** Group 1 UAS funding is incorporated into the EOTACS program starting in FY20. Continues integration and testing of SOF-unique mission kits, mission payloads, and modifications to the small tactical UAS and ground control station, to include but not limited to: improved capabilities for geo-location, collection of push-to-talk, communications, specialized tagging, tracking, and locating, and enhanced communications relay and work to miniaturize previously developed payloads. ***FY 2020 to FY 2021 Increase/Decrease Statement:*** Increase of $0.004 million is due to minor adjustments.	-	0.279	0.283	-	0.283
Title: Group 2 Multi-Mission Tactical Unmanned Aerial Service (MTUAS)	6.262	7.854	4.719	-	4.719

Exhibit R-2A, RDT&E Project Justification: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Description: Group 2 MTUAS are medium tactical systems, between 21 pounds and 55 pounds in weight. Identifies, develops, integrates, and tests SOF-unique mission kits, payloads, aircraft and ground control station modifications. ***FY 2020 Plans:*** Continue integration and testing of SOF-unique mission capabilities to meet new medium tactical UAS requirements, to include but not limited to: signals intelligence gathering, full motion video, geo-location, communications relay, Global Position Satellite (GPS) anti-jam technology, wartime mission, and decreased footprint. Additionally, acquires test articles for planned upgrades. ***FY 2021 Base Plans:*** Continues integration and testing of SOF-unique mission capabilities to meet new medium tactical UAS requirements, to include but not limited to: signals intelligence gathering, full motion video, geo-location, communications relay, GPS anti-jam technology, wartime mission, and decreased footprint. Additionally, acquires test articles for planned upgrades. Awards contract for future materiel solution to meet updated requirements. ***FY 2020 to FY 2021 Increase/Decrease Statement:*** Decrease of $3.135 million to continue iterative upgrades after a spike in FY20 for test articles.					
Title: Group 3 UAS ***Description:*** Group 3 UAS are systems, between 55 pounds and 1320 pounds in weight. Identifies, develops, integrates, and tests SOF-unique mission kits, payloads and ground control station modifications. ***FY 2020 Plans:*** Continue integration and testing of SOF-unique mission capabilities to meet Group 3 UAS requirements, to include but not limited to: signals intelligence gathering, full motion video, communications relay, GPS Anti-jam, Mode 5 Identification Friend or Foe (IFF) and mobile control station. ***FY 2021 Base Plans:*** None. ***FY 2021 OCO Plans:***	5.000	5.000	0.000	5.000	5.000

Exhibit R-2A, RDT&E Project Justification: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Continues integration and testing of SOF-unique mission capabilities to meet Group 3 UAS requirements, to include but not limited to: signals intelligence gathering, full motion video, communications relay, GPS Anti-jam, Mode 5 IFF and mobile control station. ***FY 2020 to FY 2021 Increase/Decrease Statement:*** None.					
Title: Group 4 UAS ***Description:*** Group 4 UAS are large systems that weigh greater than 1,320 pounds and fly higher than flight level 180. Provides for development efforts to identify, develop, integrate, and test SOF-unique mission kits. ***FY 2020 Plans:*** Develop, test, and integrate SOF peculiar emerging technology mission kits, mission payloads, weapons, and modification on MQ-1C UAVs, Ground Control Stations (GCS), and training systems. ***FY 2021 Base Plans:*** Develops, tests, and integrates SOF peculiar emerging technology mission kits, mission payloads, weapons, and modification on MQ-1C UAVs, Ground Control Stations (GCS), and training systems. ***FY 2020 to FY 2021 Increase/Decrease Statement:*** Decrease of $2.886 million is a natural three-year pattern for developmental efforts which will show cyclical increases and decreases across the system lifecycle.	6.700	6.968	4.082	-	4.082
Accomplishments/Planned Programs Subtotals	38.970	42.377	19.154	5.000	24.154

	FY 2019	FY 2020
Congressional Add: Anti-ice for Group 3 and above UAV's	6.000	-
FY 2019 Accomplishments: Continue development of anti-ice solutions for Group 3 and above UAV's.		
Congressional Adds Subtotals	6.000	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
• PROC/0201UMNISR: *Unmanned ISR*	101.308	19.955	25.488	8.207	33.695	27.469	26.795	30.360	28.991	Continuing	Continuing

Exhibit R-2A, RDT&E Project Justification: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost

Remarks

D. Acquisition Strategy

SAFC acquisition strategy is evolutionary and spiral-based for technology insertion and low volume procurement. SAFC utilizes existing competed contract vehicles to the maximum extent possible for minor development and integration and modification of Government-Off-The-Shelf (GOTS)/Commercial-Off-The-Shelf (COTS) equipment. Utilizes limited/full and open competition contracts and rapid acquisition tools for major developments.

The Group 1 UAS/EOTACS are evolutionary acquisition programs that deliver, integrate, and qualify SOF-unique mission kits, mission payloads, weapons, air vehicle enhancements, and ground control station upgrades. These capabilities are obtained through a thorough stakeholder's analysis in order to provide well and broadly defined capabilities. A well-defined stakeholder requirement facilitates rapid development and integration of capabilities, thus more rapidly providing capability to the field. Contracting methods depend on the type of development effort. Competitive source selection will be conducted as much as possible. Proprietary considerations may direct some effort to the Original Equipment Manufacturer (OEM).

Group 2 MTUAS are evolutionary acquisition solutions that deliver, integrate, and qualify SOF-unique modular mission kits that may include: mission payloads, weapons, air vehicle enhancements, training systems, and ground control station upgrades. These capabilities are obtained through available acquisition strategy that includes a thorough stakeholder's analysis to provide well and broadly defined capabilities. A well-defined stakeholder requirement facilitates rapid development and integration of capabilities, thus more rapidly providing capability to the field. Contracting methods depend on the type of development effort. Competitive source selection will be conducted as much as possible but may also leverage Other Transactional Authorities (OTAs) when sensible. Proprietary considerations may direct some effort to the OEM on a sole source basis.

Group 3 UAS are evolutionary acquisition projects that deliver, integrate, and qualify SOF-unique mission kits, mission payloads, weapons, air vehicle enhancements, and ground control station upgrades. These capabilities are obtained through a thorough stakeholder's analysis in order to provide well and broadly defined capabilities. A well-defined stakeholder requirement facilitates rapid development and integration of capabilities, thus more rapidly providing capability to the field. Contracting methods depend on the type of development effort. Competitive source selection will be conducted as much as possible. Proprietary considerations may direct some efforts to the OEM.

Group 4 UAS is an evolutionary acquisition program that develops, tests, and integrates SOF peculiar emerging technology mission kits, mission payloads, weapons, and modifications on MQ-1C UAVs, GCS, and training systems. Group 4 UAS provides rapid prototype activities and technology maturation events to increase situational awareness and lethality. Contract types include a mix of cost type and fixed price. Proprietary issues with the aircraft and GCS software as well as aircraft modification may require sole source contracting to the original equipment manufacturer. Group 4 UAS leverages service common Contractor Logistics Support (CLS) and developmental activities and contracts for aircraft and ancillary equipment development, improvement, and sustainment.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 United States Special Operations Command			Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2019 Cost	FY 2019 Award Date	FY 2020 Cost	FY 2020 Award Date	FY 2021 Base Cost	FY 2021 Base Award Date	FY 2021 OCO Cost	FY 2021 OCO Award Date	FY 2021 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Special Applications for Contingencies (SAFC) Platform/Payload Development and Integration	MIPR	Various; Various : Various	5.839	1.876	Dec 2018	0.706	Jan 2020	6.570	Dec 2020	-		6.570	Continuing	Continuing	-
SAFC - NAVSEA / JHU / APL	C/Various	JHU/ APL : Various	-	3.558	Jan 2019	4.757	Nov 2019	-		-		-	0.000	8.315	-
SAFC - NIWC: Beyond Line of Sight (BLOS) Laser Mod Payload Auto Target Recognition Development and Integration	C/Various	Various : Various	-	1.020	Jan 2020	2.109	Feb 2020	-		-		-	0.000	3.129	-
NAWC - AD	C/Various	Various : Various	-	-		4.353	Nov 2020	-		-		-	0.000	4.353	-
NexTech Solutions (NTS) Inc.	C/Various	Various : Various	-	-		4.931	Jun 2020	-		-		-	0.000	4.931	-
SAFC - GSA - ISIQ-Cambridge Inc. Platform/ Payload Development and Integration	C/Various	Various : Various	-	9.264	Oct 2019	-		-		-		-	0.000	9.264	-
SAFC Heat Coat UAS Anti-Icing (Congressional Add)	MIPR	Alion Science and Technology : VA	3.586	5.640	Feb 2020	-		-		-		-	0.000	9.226	-
Group 1 Unmanned Aerial System (UAS)/ Expeditionary Organic Tactical Airborne ISR Capability Set (EOTACS) Payload Integration	C/IDIQ	Alion Science and Technology : VA	0.479	0.329	Mar 2019	0.279	Mar 2020	0.283	Mar 2021	-		0.283	Continuing	Continuing	-
Group 2 UAS Platform/ Payloads Development and Integration	MIPR	Various : Various	5.753	5.099	Jan 2019	6.020	Mar 2020	1.655	Mar 2021	-		1.655	Continuing	Continuing	-
Group 3 UAS Platform/ Payload Development and Integration (OCO)	MIPR	Various : Various	-	4.467	Mar 2019	4.400	Mar 2020	0.000		4.300	Mar 2021	4.300	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 United States Special Operations Command			Date: February 2020
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160434BB / *Unmanned ISR*	Project (Number/Name) S855 / *Unmanned ISR*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2019 Cost	FY 2019 Award Date	FY 2020 Cost	FY 2020 Award Date	FY 2021 Base Cost	FY 2021 Base Award Date	FY 2021 OCO Cost	FY 2021 OCO Award Date	FY 2021 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Group 4 UAS Platform/ Payloads Development and Integration	MIPR	Various : Various	5.600	6.432	Mar 2019	6.681	Mar 2020	3.297	Mar 2021	-		3.297	Continuing	Continuing	-
Prior Year Effort	Various	Various : Various	9.504	-		-		-		-		-	0.000	9.504	-
		Subtotal	30.761	37.685		34.236		11.805		4.300		16.105	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2019 Cost	FY 2019 Award Date	FY 2020 Cost	FY 2020 Award Date	FY 2021 Base Cost	FY 2021 Base Award Date	FY 2021 OCO Cost	FY 2021 OCO Award Date	FY 2021 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SAFC Platform/Payload Integration	MIPR	Various : Various	1.282	0.250	Jan 2019	0.230	Jan 2020	0.500	Jan 2021	-		0.500	Continuing	Continuing	-
Group 2 UAS Platform/ Payload Support	MIPR	Various : Various	0.818	0.100	Feb 2019	0.050	Jan 2020	0.050	Jan 2021	-		0.050	Continuing	Continuing	-
		Subtotal	2.100	0.350		0.280		0.550		-		0.550	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2019 Cost	FY 2019 Award Date	FY 2020 Cost	FY 2020 Award Date	FY 2021 Base Cost	FY 2021 Base Award Date	FY 2021 OCO Cost	FY 2021 OCO Award Date	FY 2021 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SAFC Sensor Testing, Evaluation and Demonstration	MIPR	Various; Various : Various	12.288	0.430	Nov 2018	0.200	Nov 2019	2.000	Dec 2020	-		2.000	Continuing	Continuing	-
SAFC - NAVSEA - JHU / APL	C/Various	Various : Various	-	1.000	Jan 2019	1.200	Feb 2020	-		-		-	0.000	2.200	-
SAFC - NIWC: Beyond Line of Sight (BLOS) Laser Mod Payload Auto Target Recognition Development and Integration	C/Various	Various : Various	-	0.400	Jan 2020	0.400	Feb 2020	-		-		-	0.000	0.800	-
NAWC - AD	C/Various	Various : Various	-	-		1.200	Feb 2020	-		-		-	0.000	1.200	-
NextTech Solutions (NTS) Inc.	C/Various	Various : Various	-	-		1.000	Jun 2020	-		-		-	0.000	1.000	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 United States Special Operations Command			Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2019 Cost	FY 2019 Award Date	FY 2020 Cost	FY 2020 Award Date	FY 2021 Base Cost	FY 2021 Base Award Date	FY 2021 OCO Cost	FY 2021 OCO Award Date	FY 2021 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SAFC - GSA - ISIQ-Cambridge Inc.	C/Various	Various : Various	-	2.000	Oct 2019	-		-		-		-	0.000	2.000	-
Group 2 UAS Platform/ Payload Test and Evaluation	MIPR	Various : Various	0.951	0.496	Feb 2019	1.004	Mar 2020	1.004	Mar 2021	-		1.004	Continuing	Continuing	-
Group 3 UAS Test and Evaluation (OCO)	MIPR	Various Vendors During Integrations : Various	-	0.533	Jun 2019	0.600	Jan 2020	0.000		0.700	Jan 2021	0.700	Continuing	Continuing	-
Group 4 UAS Test and Evaluation	Various	Various : Various Vendors During Integration	0.120	0.268	Mar 2019	0.287	Mar 2020	0.785	Mar 2021	-		0.785	Continuing	Continuing	-
Prior Year	Various	Various : Various	3.393	-		-		-		-		-	0.000	3.393	-
		Subtotal	16.752	5.127		5.891		3.789		0.700		4.489	Continuing	Continuing	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2019 Cost	FY 2019 Award Date	FY 2020 Cost	FY 2020 Award Date	FY 2021 Base Cost	FY 2021 Base Award Date	FY 2021 OCO Cost	FY 2021 OCO Award Date	FY 2021 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SAFC Sensor Testing, Evaluation and Demonstration Management	MIPR	Various : Various	2.474	0.881	Mar 2019	1.190	Mar 2020	1.000	Dec 2020	-		1.000	Continuing	Continuing	-
SAFC Heat Coat UAS Anti-Icing Contract Administration (Congressional Add)	MIPR	Cambridge International : Cambridge, MD	0.247	-		-		-		-		-	0.000	0.247	-
SAFC Heat Coat UAS Anti-Icing Contract Administration (Congressional Add)	MIPR	Alion Science and Technology : Va	0.247	0.360	Feb 2020	-		-		-		-	0.000	0.607	-
Group 2 UAS Platform/ Payload Management	MIPR	Various : Various	1.076	0.567	Feb 2019	0.780	Mar 2020	2.010	Mar 2021	-		2.010	Continuing	Continuing	-
		Subtotal	4.044	1.808		1.970		3.010		-		3.010	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 United States Special Operations Command			Date: February 2020
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160434BB / *Unmanned ISR*	Project (Number/Name) S855 / *Unmanned ISR*	

	Prior Years	FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	53.657	44.970		42.377		19.154		5.000		24.154	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

Special Application For Contingencies (SAFC) PEO Managed Schedule

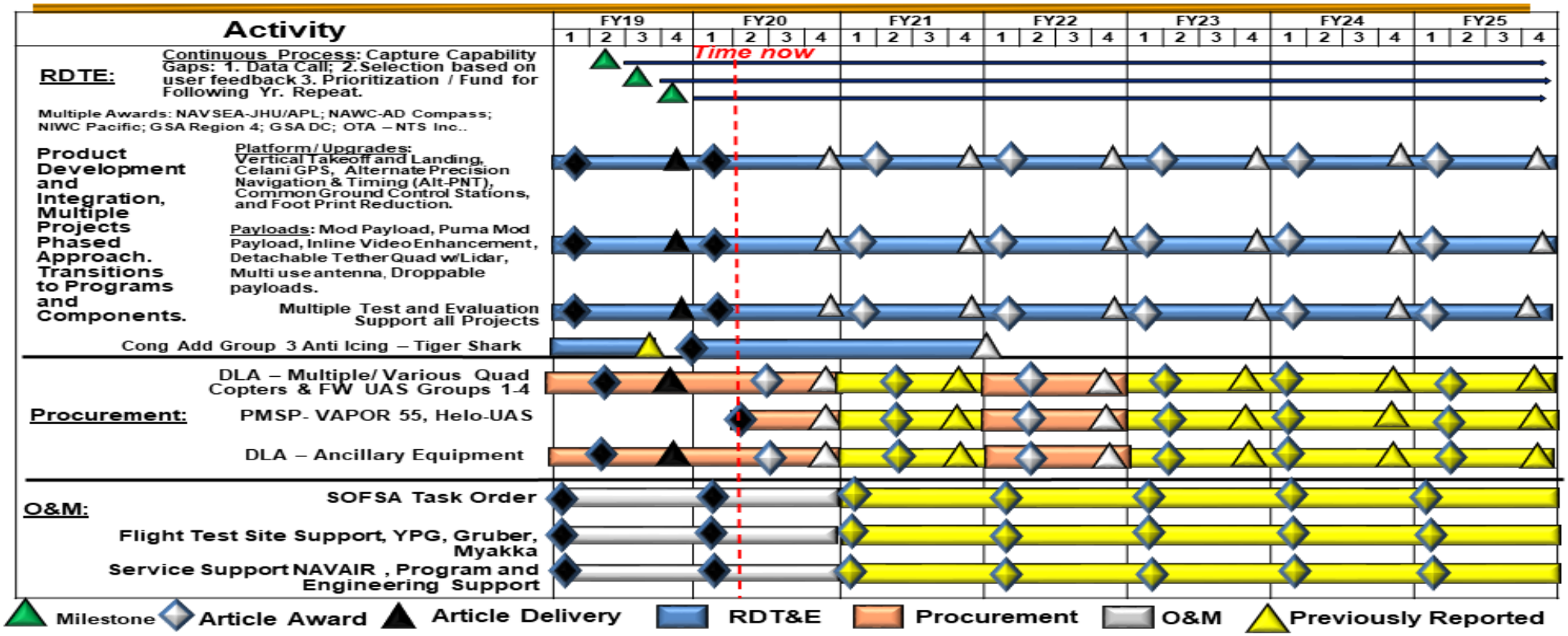

Exhibit R-4, RDT&E Schedule Profile: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

Expeditionary Organic Tactical Airborne ISR Capability Set (EOTACS)

PEO-Managed Schedule

(Incorporates Group 1 Schedule for FY19-FY20)

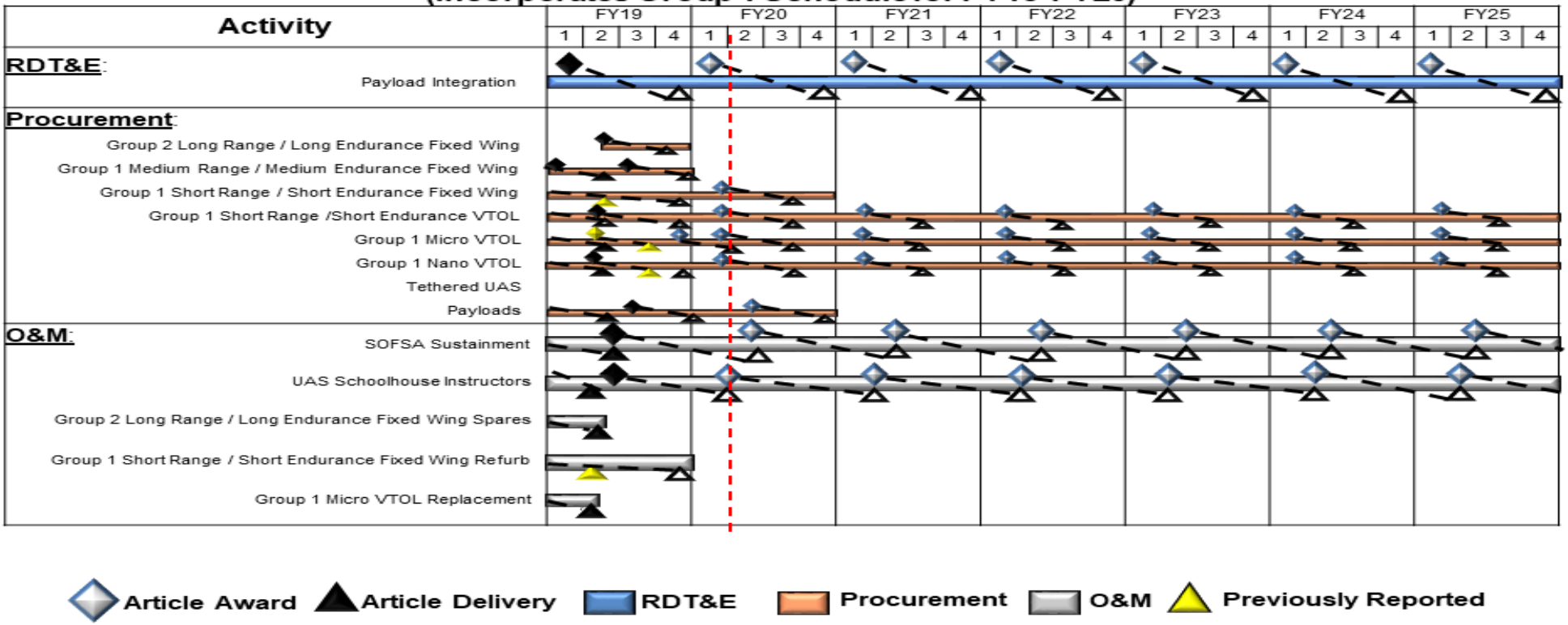

Exhibit R-4, RDT&E Schedule Profile: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

Group 2 Multi-Mission Tactical Unmanned Aerial Service (MTUAS)
PEO-Managed Schedule

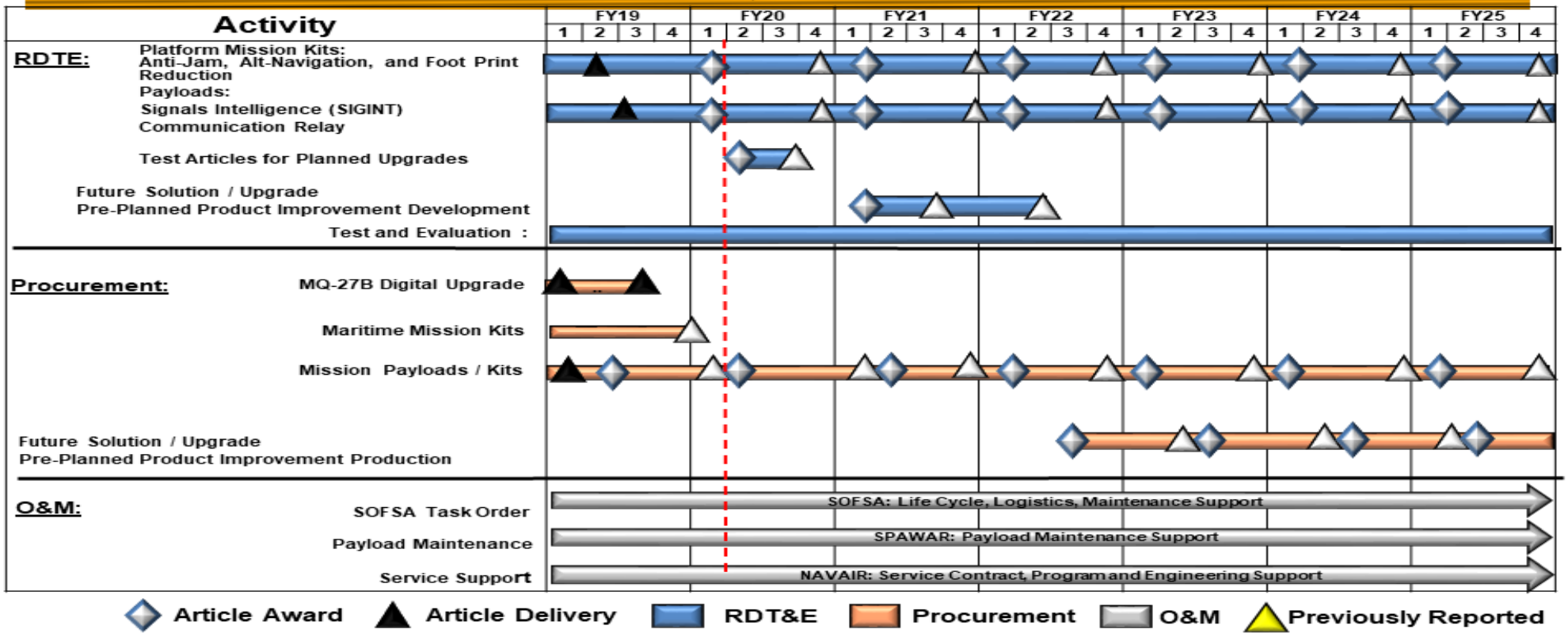

Exhibit R-4, RDT&E Schedule Profile: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

Group 3 Unmanned Aerial Service PEO-Managed Schedule

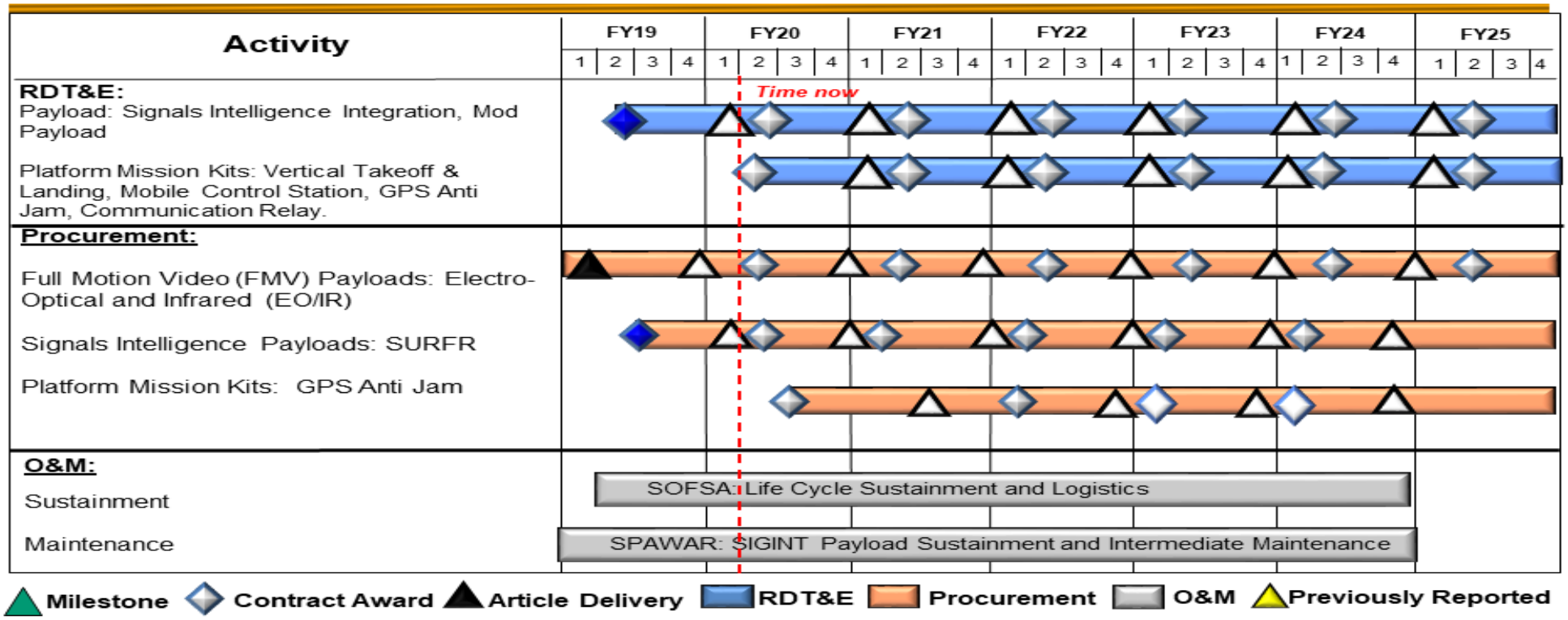

Exhibit R-4, RDT&E Schedule Profile: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

Group IV Unmanned ISR
PEO-Managed Schedule

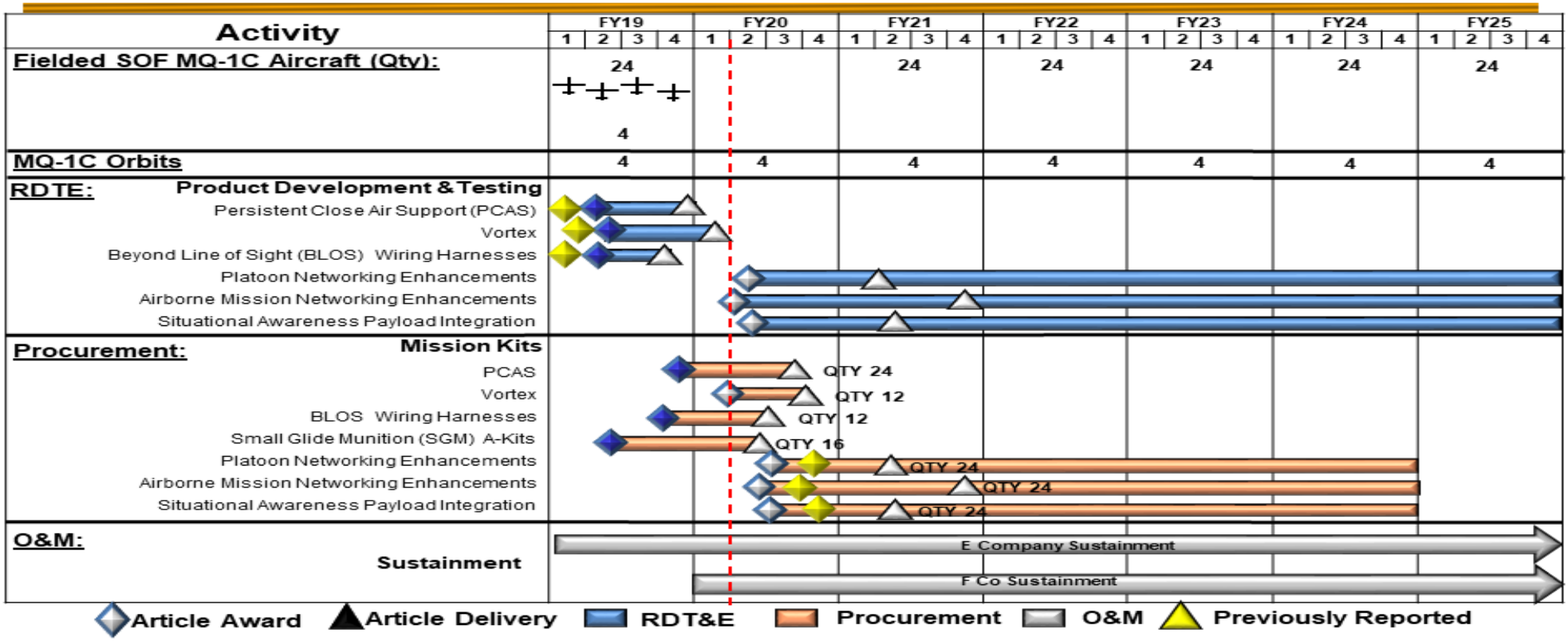

Exhibit R-4A, RDT&E Schedule Details: PB 2021 United States Special Operations Command		Date: February 2020
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Special Application for Contingencies (SAFC)				
Product Development, Support, and Management	1	2019	4	2025
Test and Evaluation	1	2019	4	2025
Anti-Icing Development on TigerShark	1	2019	4	2021
Group 1 Unmanned Aerial System (UAS)/Expeditionary Organic Tactical Airborne ISR Capability Set (EOTACS)				
Payload Integration; Test Range Support	1	2019	4	2025
Group 2 UAS				
Platform/Payload Development and Integration	1	2019	4	2025
Platform/Payload Test & Evaluation	1	2019	4	2025
Group 3 UAS				
Platform/Payload Development and Integration	2	2019	4	2025
Group 4 UAS				
Persistent Close Air Support (PCAS) Integration	2	2019	4	2019
Vortex Integration	2	2019	1	2020
Beyond Line of Sight (BLOS) wiring harness integration	2	2019	4	2019
Platoon Networking Enhancements	2	2020	4	2025
Airborne Mission Networking Enhancements	2	2020	4	2025
Situational Awareness Sensor Integration	2	2020	4	2025