Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command	Date: March 2024
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 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	193.410	3.354	6.727	31.578	-	31.578	13.661	9.284	8.410	8.039	Continuing	Continuing
S855: *Unmanned ISR*	193.410	3.354	6.727	31.578	-	31.578	13.661	9.284	8.410	8.039	Continuing	Continuing

A. Mission Description and Budget Item Justification

This Program Element (PE) is part of the Military Intelligence Program (MIP). Unmanned Intelligence, Surveillance, and Reconnaissance (ISR) rapidly develops and deploys special capabilities to perform ISR for deployed Special Operations Forces (SOF) using non-traditional means. The United States Special Operations Command (USSOCOM) has been designated as the Department of Defense lead for planning, synchronizing, and as directed, executing global operations against terrorist networks and targets. The 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.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	3.354	6.727	6.578	-	6.578
Current President's Budget	3.354	6.727	31.578	-	31.578
Total Adjustments	0.000	0.000	25.000	-	25.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Year	-	-	25.000	-	25.000

Change Summary Explanation

Funding:

FY 2023: None

FY 2024: None.

FY 2025: Increase of $25.000 million begins development of Next Generation extra-long endurance aircraft, flight test, autopilot capabilities.

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command			Date: March 2024
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 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
S855: *Unmanned ISR*	193.410	3.354	6.727	31.578	-	31.578	13.661	9.284	8.410	8.039	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project is part of the Military Intelligence Program (MIP). Unmanned Intelligence, Surveillance, and Reconnaissance (ISR) rapidly develops and deploys special capabilities to perform 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 Special Operations-peculiar (SO-p) mission kits, mission payloads, air vehicle enhancements, and modifications to ground control stations. Based on stakeholder input and requirements, United States Special Operations Command 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 2023	FY 2024	FY 2025
Title: Group 4 UAS: MQ-1C, Program Number 781 ***Description:*** Group 4 UAS are large systems that weigh greater than 1,320 pounds and fly higher than 18,000 feet (flight level 180). Provides for development efforts to identify, integrate, and test SO-p mission kits to include improved communications/ networking, sensors, payloads, pod, and weapons integration. ***FY 2024 Plans:*** Continue to develop, test, and integrate SOF-p weapon launchers and sensors on the MQ-1C. Improve Ground Control Stations (GCS) and training systems to implement advanced capabilities to combat emerging threats. ***FY 2025 Plans:*** Continues to develop, test, and integrate capabilities, such as weapon launchers, tactical networking enhancements, airborne mission networking enhancements, and situational awareness payload integration. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Decrease of $0.175 million is due to reduction in operational test requirements for airborne and tactical mission integration.	2.374	5.401	5.226
Title: Group 4 UAS: Long Endurance Aircraft (LEA), Program Number 4GD ***Description:*** The LEA provides Special Operations Forces (SOF) with relatively low-cost uncrewed aircraft family of systems to meet Intelligence, Surveillance & Reconnaissance (ISR) requirements in austere and permissive environments for use in Irregular Warfare operations in support of the 2022 National Defense Strategy.	0.980	1.326	26.352

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command		Date: March 2024
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 2023	FY 2024	FY 2025
FY 2024 Plans: Continue to develop and integrate SO-p sensor to increase combat line fielding for enhanced LEA platforms. ***FY 2025 Plans:*** Continues to develop and integrate SO-p sensor to increase combat line fielding for enhanced LEA platforms. Begins development of autopilot capabilities. Begins development and flight testing of Next Generation extra-long endurance aircraft. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** $25.026 million increase begins development of Next Generation extra-long endurance aircraft, flight test, autopilot capabilities.			
Accomplishments/Planned Programs Subtotals	3.354	6.727	31.578

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
• PROC/0201UMNISR: *Unmanned ISR*	43.749	26.997	33.717	-	33.717	45.562	33.426	34.100	32.488	Continuing	Continuing

Remarks

D. Acquisition Strategy

Group 4 UAS: MQ-1C is an acquisition program that develops, tests, and integrates SO-peculiar (SO-p) emerging technology mission kits, mission payloads, weapons, and modifications on MQ-1C and associated Ground Control Stations (GCS) and training systems. Program provides rapid prototype activities and technology maturation events to increase situational awareness, lethality, and platform capability. Contract types include a mix of cost type and fixed price. Where possible, Group 4 UAS leverages service common Contractor Logistics Support (CLS) and developmental activities and contracts for aircraft and ancillary equipment development, improvement, and sustainment. The MQ-1C has been designated a Middle Tier of Acquisition (MTA) in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80.

LEA UAS: Small Business Innovative Research (SBIR) III contract utilizing UAS technology developed under Air Force Research Laboratory (AFRL). LEA utilizes Cost Plus Fixed Fee (CPFF) Indefinite Delivery/Indefinite Quantity (IDIQ) contract for ISR services. This program is designed to utilize a family of systems to meet operational requirements. The LEA program has been a MTA in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command			Date: March 2024
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 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
Group 4 UAS: MQ-1C Weapon/Launchers	Various	Various : Various	-	1.235	Mar 2023	0.477	Feb 2024	0.582	Feb 2025	-		0.582	Continuing	Continuing	-
Group 4 UAS: MQ-1C Tactical Mission Networking	Various	Various : Various	-	-		1.872	Feb 2024	1.653	Feb 2025	-		1.653	Continuing	Continuing	-
Group 4 UAS: MQ-1C Airborne Mission Networking	Various	Various : Various	22.032	0.569	Mar 2023	1.972	Apr 2024	1.964	Apr 2025	-		1.964	Continuing	Continuing	-
Group 4 UAS: MQ-1C Situational Awareness Payload Integration	Various	Various : Various	-	0.159	Mar 2023	-		0.161	Feb 2025	-		0.161	Continuing	Continuing	-
Long Endurance Aircraft (LEA) UAS Payload Integration	Various	Various : Various	-	0.980	Apr 2023	1.326	Apr 2024	0.452	Jul 2025	-		0.452	Continuing	Continuing	-
Long Endurance Aircraft (LEA) UAS Autopilot Development	Various	Various : Various	-	-		-		0.548	Nov 2025	-		0.548	Continuing	Continuing	-
Long endurance Aircraft (LEA) UAS Next Generation aircraft development	Various	Various : Various	-	-		-		17.000	Jan 2025	-		17.000	Continuing	Continuing	-
Prior Year Effort	Various	Various : Various	76.195	-		-		-		-		-	0.000	76.195	-
Prior Year Effort - Overseas Contingency Operations (OCO)	Various	Various : Various	8.053	-		-		-		-		-	0.000	8.053	-
Prior Year Effort - Congressional Add	Various	Various : Various	26.300	-		-		-		-		-	0.000	26.300	-
		Subtotal	132.580	2.943		5.647		22.360		-		22.360	Continuing	Continuing	N/A

Remarks

Note: In FY 2025, $25,000K was realigned from Operation and Maintenance Intelligence Sub Activity Group 1PLU to finalize development and flight test of an improved long endurance platform to operate in compliment to the RQ-29.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command			Date: March 2024
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160434BB / *Unmanned ISR*	Project (Number/Name) S855 / *Unmanned ISR*	

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
Prior Year Effort	Various	Various : Various	8.690	-		-		-		-		-	0.000	8.690	-
Prior Year Effort - OCO	Various	Various : Various	3.279	-		-		-		-		-	0.000	3.279	-
		Subtotal	11.969	-		-		-		-		-	0.000	11.969	N/A

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
Group 4 UAS: MQ-1C Operational Test and Evaluation	Various	Various : Various Vendors During Integration	1.465	0.411	Mar 2023	1.080	Feb 2024	0.866	Mar 2025	-		0.866	Continuing	Continuing	-
Various Effects Launcher Capability (VELC) Operational - Congressional Add	Various	Various : Various	0.700	-		-		-		-		-	Continuing	Continuing	-
Long Endurance Aircraft (LEA) UAS Next Generation flight testing	Various	Various : Various	-	-		-		8.352	Jul 2025	-		8.352	Continuing	Continuing	-
Prior Year	Various	Various : Various	30.369	-		-		-		-		-	0.000	30.369	-
Prior Year Effort - OCO	Various	Various : Various	1.668	-		-		-		-		-	0.000	1.668	-
		Subtotal	34.202	0.411		1.080		9.218		-		9.218	Continuing	Continuing	N/A

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
Prior Year Effort	Various	Various : Various	14.659	-		-		-		-		-	0.000	14.659	-
		Subtotal	14.659	-		-		-		-		-	0.000	14.659	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command			Date: March 2024
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160434BB / *Unmanned ISR*	Project (Number/Name) S855 / *Unmanned ISR*	

	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	193.410	3.354		6.727		31.578		-		31.578	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

Group 4 MQ-1C UAS Schedule

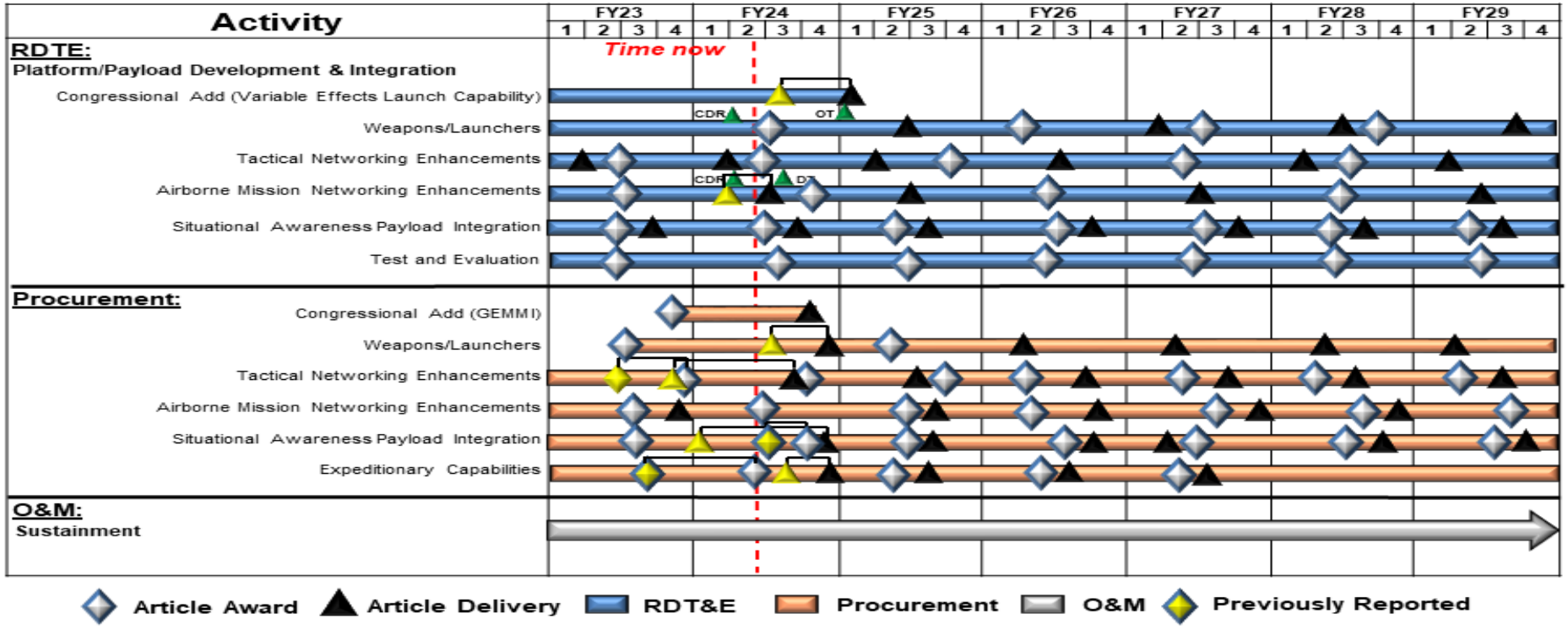

Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

Long Endurance Aircraft (LEA) Schedule

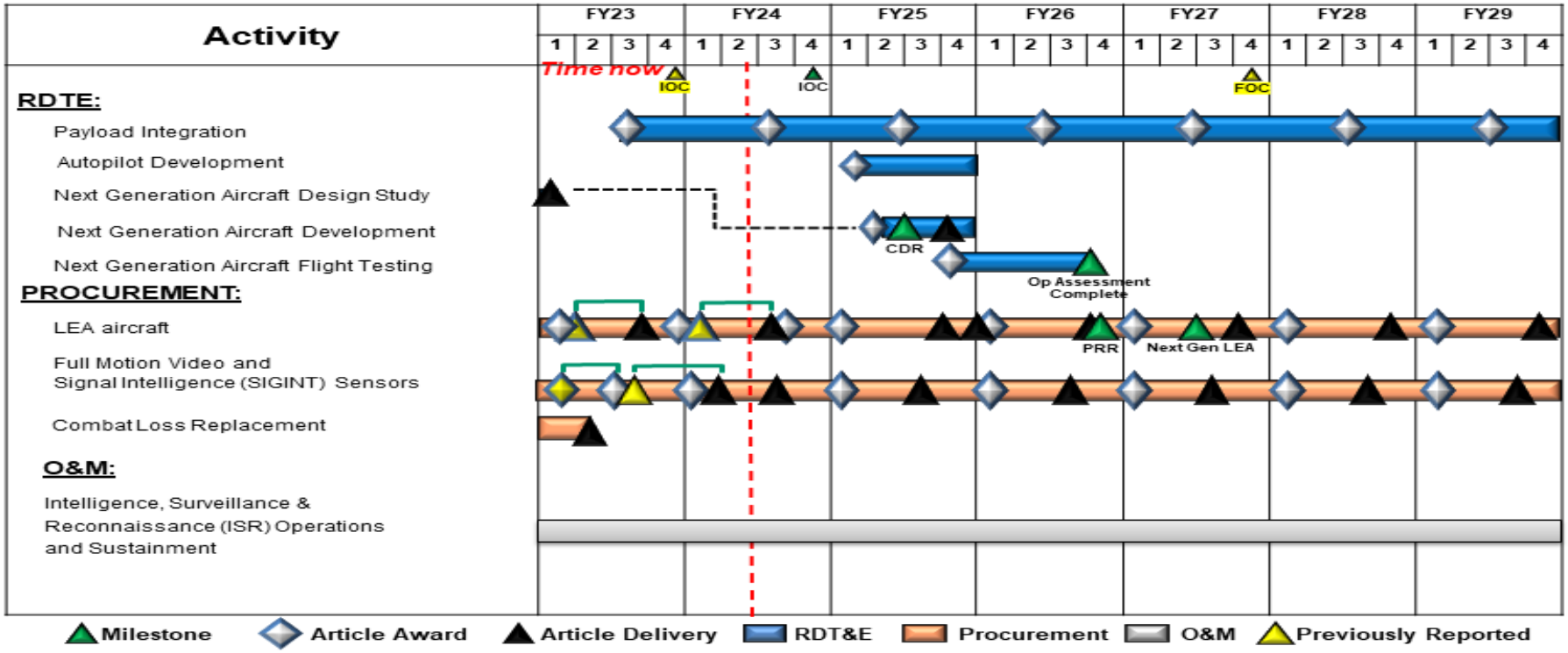

Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160434BB / *Unmanned ISR*	**Project (Number/Name)** S855 / *Unmanned ISR*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Group 4 UAS: MQ-1C				
Weapon/Launchers	1	2023	4	2029
Tactical Networking Enhancements	1	2023	4	2029
Airborne Mission Networking Enhancements	1	2023	4	2029
Situational Awareness Payload Integration	1	2023	4	2029
Operational Test & Evaluation	1	2023	4	2029
Long Endurance Aircraft (LEA) Unmanned Aerial System (UAS)				
LEA Payload Integration	3	2023	4	2029
LEA Auto Pilot Development	1	2025	4	2025
Next Generation Extra-Long Flight Testing	4	2025	2	2026
Next Generation Extra-Long Aircraft Development	2	2025	3	2025