Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Air Force	Date: March 2024
Appropriation/Budget Activity 3620F: *Research, Development, Test & Evaluation, Space Force I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 1206458SF *I Tech Transition (Space)*

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	-	0.000	164.649	228.547	0.000	228.547	302.399	220.068	156.614	159.704	Continuing	Continuing
649493: *Resilient Architecture Design and Evaluation*	-	0.000	15.067	60.140	0.000	60.140	82.885	199.575	156.614	159.704	Continuing	Continuing
64S444: *Experimentation (Space)*	-	0.000	149.582	168.407	0.000	168.407	219.514	20.493	0.000	0.000	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Tech Transition (Space) Program addresses the gaps between USSF Force Design activities, initial system-level technology or concept development and demonstration, and successful acquisition and operational capability implementation. This program also matures new warfighting concepts to rapidly develop and experiment with fieldable prototypes to assess military utility of transition-ready weapon systems. Following the guidance in the National Defense Strategy, the Department of the Air Force has institutionalized Experimentation and Prototyping to achieve smarter, faster, and more efficient acquisitions that move technologies rapidly to support the most critical warfighting capabilities. Project 649493 eases and accelerates the architectural pivots required by the Space Warfighting Analysis Center's future force designs through engagement with commercial and industry partners, prototyping and demonstration, test buys and contracts, warfighter engagement, and the capturing of lessons learned to feed back into Force Design analytics and forward into requirements and acquisition. Project 64S444, Experimentation (Space), explores new space-related concepts and their applications in potential future operating environments within a system-of-systems context, taking risks early in the acquisition process to drive a more optimized and efficient acquisition process and significantly reduce overall acquisitions costs. The Tech Transition Program allows acquisition program managers (the capability developers) and warfighters (the capability recipients and end users) to prototype, integrate, and demonstrate candidate technologies and assess them in an operational system-of-systems environment in partnership with Combatant Commanders, Major and Field Commands, Program Executive Officers, schoolhouses, simulation facilities, and development planning organizations.

This Program was a Congressionally-directed new start in FY 2022. It is a parallel effort to United States Air Force Program Element (PE) 0604858F, Tech Transition Program, Project 645350, Experimentation, and continues space-related work executed in that Program in prior fiscal years.

By FY 2029, the Projects quantify the performance and resilience of a Hybrid SATCOM architecture in an operational environment by connecting flexible terminals (from multiple vendors) to multiple SATCOM paths spanning low, medium, and geosynchronous orbits. Each of these new SATCOM pathways offer unique attributes to the DOD. The terminal flexibility will allow rapid incorporation of new commercial SATCOM vendors as they emerge, thus ensuring low-cost SATCOM options for DOD in the foreseeable future. The Resilient Architecture Design and Evaluation project coupled with Hybrid SATCOM terminals will prototype and test techniques for dynamic networking, enhancing cybersecurity, and rapid switching capabilities between DoD and commercial paths, including developing a billing approach between vendors, for both space-to-ground and space-to-space connectivity. The knowledge will transition to USSF to inform contract structures for operations that enable switching between DoD systems and multiple vendors at minimum cost. Together, these Projects will directly inform COCOMS, MAJCOMS, Field Commands, and PEOs in the acquisition and sustainment of Hybrid SATCOM capability for multiple Joint Force applications using commercial service level agreements and advanced cybersecurity architectures.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Air Force	Date: March 2024
Appropriation/Budget Activity 3620F: *Research, Development, Test & Evaluation, Space Force I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 1206458SF *I Tech Transition (Space)*

In order to manage, execute, and deliver science and technology capabilities, this program element may include: necessary civilian pay expenses; expenses to support the operation and maintenance of facilities; as well as expenses related to travel, supplies, IT hardware, software and support, administrative contractor services, etc.

This effort is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P), because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	0.000	164.649	228.147	0.000	228.147
Current President's Budget	0.000	164.649	228.547	0.000	228.547
Total Adjustments	0.000	0.000	0.400	0.000	0.400
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	0.400	0.000	0.400

Change Summary Explanation

FY 2025 funding increased compared to FY 2024 by $63.9M. Funding increased due to initiation of prototype Hybrid SATCOM Terminal integration on first 5 of 9 platforms and planned increase for customization of multi-band apertures to allow use on most challenging platforms as well as hardware costs for the resilient architecture design and evaluation project.

The increase in FY2025 from PB 2024 to PB 2025 of $0.4M reflects additional funding to address rising costs for hardware and services.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Air Force			Date: March 2024
Appropriation/Budget Activity 3620F / 4	R-1 Program Element (Number/Name) PE 1206458SF / *Tech Transition (Space)*	Project (Number/Name) 649493 / *Resilient Architecture Design and Evaluation*	

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
649493: *Resilient Architecture Design and Evaluation*	-	0.000	15.067	60.140	0.000	60.140	82.885	199.575	156.614	159.704	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Resilient Architecture Design and Evaluation project conducts experimentation within an interconnected hybrid SATCOM architecture to validate the performance, scalability and resilience of providing the Joint Force with multiple separate communications paths. To achieve these resiliency gains, the hybrid network requires 1) on-demand management of multi-band, multi-orbit DoD, allied and commercial data links; and 2) management and control capabilities to orchestrate paths through the space and ground networks. The effort validates the "Resilience by Design" approach in the Space Warfighting Analysis Center (SWAC) Space Data Transport Force Design through a combination of 1) modeling and simulation; 2) hardware- and software-in-the-loop analysis; and 3) terrestrial and on-orbit demonstration. The project leverages Hybrid SATCOM terminal prototyping in the Experimentation (Space) project along with direct relationships with commercial terrestrial and space data transport providers to demonstrate dynamic networking, understand commercial offerings, assess security and resiliency, and jump-start future acquisition approaches that enable a pivot to a more resilient architecture.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Resilient Architecture Design and Evaluation	0.000	15.067	60.140
Description: Prototype and optimize a cyber-secure multi-orbit space-based data transport capability that is resilient by design, as a core element of the USSF Hybrid Space Architecture for enterprise capability. Through collaborative modeling and simulation, prototype software and hardware in the loop systems, and on-orbit operational experimentation, validate critical underlying assumptions of the USSF Future Force Design elements built upon the integration of allied and commercial SATCOM capabilities across decoupled paths. Prototype existing high-TRL capabilities into operational experiments to identify and resolve key unknowns regarding network topology management, data forwarding, quality of service, availability, security, and scalability. The product is mature architecture models that are validated with quantitative performance and scalability data suitable to develop USSF requirements and reduce risk to future acquisition.			
FY 2024 Plans: Perform modeling/simulation and operational experimentation to validate performance, security and software-defined wide area networking data forwarding and routing paths. In collaboration with the Space Warfighting Analysis Center, USSF requirements, architecture and program offices, and other stakeholders, advance toward on-orbit demonstration of architectural elements assessed as low readiness or high risk to the future force design. Establish approaches to feed findings back into the Force Design and forward into acquisition.			
FY 2025 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1206458SF / *Tech Transition (Space)*	**Project (Number/Name)** 649493 / *Resilient Architecture Design and Evaluation*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Continue modeling/simulation and operational experimentation activities to advance next-generation resilient network enterprise management and control capabilities, establish scalability to DoD traffic loads, and optimize traffic flow algorithms across the hybrid DoD-commercial SATCOM architecture. Prototype variable trust engine extending DoD zero trust principles across the internetwork to dynamically provide improved availability and security. Construct trusted network device simulators and emulators to support software- and hardware-in-the-loop experimentation with related prototyping and acquisition programs. Construct hybrid SATCOM terminal roaming backplane emulator to pathfind next-generation user hardware. Continue development and test of network service orchestrator to quantify and improve security and resiliency. Begin acquisition of experimental network gateway space vehicle and interoperable optical communications terminals. Conduct milestone experiment characterizing advanced authentication, authorization and trust factors to inform ongoing and future programs of record. Conduct planning for additional early adopter tests and integration with next-generation terrestrial data transport investments. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** FY 2025 funding increased compared to FY 2024 by $45.073M. Funding increased to support development of trusted network device hardware, procurement of SATCOM hybrid terminal enhancement hardware, and acquisition of a spacecraft bus and related payloads needed for on-orbit experimentation.			
Accomplishments/Planned Programs Subtotals	0.000	15.067	60.140

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

The AFRL at Kirtland Air Force Base, New Mexico manages and executes Resilient Architecture Design and Evaluation effort following the existing internetworking experimentation acquisition strategy. Baseline modeling and simulation and hardware-/software-in-the-loop development and experimentation is primarily conducted by a Government team of FFRDCs and Service Laboratories to avoid vendor lock-in or reduced competition from industry. Prototyping agreements jointly executed with the Defense Innovation Unit provide access to accurate models of established commercial data transport capabilities as well as services under development, ensuring the technical vision for the future architecture is well-anchored in market realities. Competitive procurements of required hardware prototypes for terrestrial or space experimentation will occur through rapid prototyping and experimentation authorities. All funding vehicles are constructed to enable seamless transition to requirements, program development, and acquisition offices as appropriate to enable incremental fielding and avoid loss of momentum as the new architectures solidify. Access to the AFRL simulation environment is similarly available for further Government use.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1206458SF / *Tech Transition (Space)*	**Project (Number/Name)** 649493 / *Resilient Architecture Design and Evaluation*

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
Resilient Architecture Design and Evaluation	Various	Various : Various : TBD	-	-		9.033	Oct 2023	-		-		-	Continuing	Continuing	-
Hybrid Space Architecture Contract 2	C/FP	Various: Various : Arlington, VA	-	-		-		2.300	Oct 2024	-		2.300	Continuing	Continuing	-
Commercial Space Data Providers	C/TBD	TBD : TBD	-	-		-		5.200	Dec 2024	-		5.200	Continuing	Continuing	-
C2E Cloud Services	SS/FP	Amazon Web Services, Inc : Seattle, WA	-	-		-		1.500	Jan 2025	-		1.500	Continuing	Continuing	-
Network simulation software	Various	Various : Various	-	-		-		0.850	Jan 2025	-		0.850	Continuing	Continuing	-
Hardware/software-in-the-loop	C/CPAF	MTSI : Alexandria, VA	-	-		-		1.400	Jan 2025	-		1.400	Continuing	Continuing	-
Network Service Orchestrator	TBD	TBD : TBD	-	-		-		3.000	Jan 2025	-		3.000	Continuing	Continuing	-
Hybrid terminal backplane	C/TBD	TBD : TBD	-	-		-		10.000	Jun 2025	-		10.000	Continuing	Continuing	-
Trusted network switch payload	C/TBD	TBD : TBD	-	-		-		5.735	Mar 2025	-		5.735	Continuing	Continuing	-
Space vehicle	C/TBD	TBD : TBD	-	-		-		20.000	Aug 2025	-		20.000	Continuing	Continuing	-
		Subtotal	-	-		9.033		49.985		-		49.985	Continuing	Continuing	N/A

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
Resilient Architecture Design	MIPR	FFRDC/Naval Research Lab : TBD	-	-		4.033	Jan 2024	1.000	Nov 2024	-		1.000	Continuing	Continuing	-
Internetworking Test and Evaluation	Various	Various : Various	-	-		-		6.000	Apr 2025	-		6.000	Continuing	Continuing	-
		Subtotal	-	-		4.033		7.000		-		7.000	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force			Date: March 2024
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1206458SF / *Tech Transition (Space)*	**Project (Number/Name)** 649493 / *Resilient Architecture Design and Evaluation*	

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
Program Management Administration	Various	Various: TBD : Albuquerque, NM	-	-		2.001		-		-		-	Continuing	Continuing	-
		Subtotal	-	-		2.001		-		-		-	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
Program Management Administration	Various	Various: TBD : Albuquerque, NM	-	-		-		3.155	Oct 2024	-		3.155	Continuing	Continuing	-
		Subtotal	-	-		-		3.155		-		3.155	Continuing	Continuing	N/A

	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	-	-		15.067		60.140		-		60.140	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1206458SF / *Tech Transition (Space)*	**Project (Number/Name)** 649493 / *Resilient Architecture Design and Evaluation*

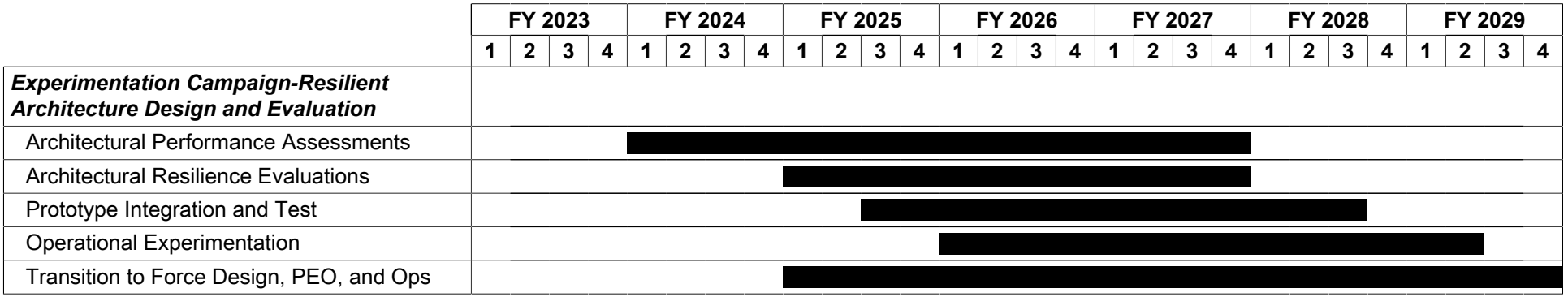

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1206458SF / *Tech Transition (Space)*	**Project (Number/Name)** 649493 / *Resilient Architecture Design and Evaluation*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Experimentation Campaign-Resilient Architecture Design and Evaluation				
Architectural Performance Assessments	1	2024	4	2027
Architectural Resilience Evaluations	1	2025	4	2027
Prototype Integration and Test	3	2025	3	2028
Operational Experimentation	1	2026	2	2029
Transition to Force Design, PEO, and Ops	1	2025	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2025 Air Force			Date: March 2024
Appropriation/Budget Activity 3620F / 4	R-1 Program Element (Number/Name) PE 1206458SF / *Tech Transition (Space)*	Project (Number/Name) 64S444 / *Experimentation (Space)*	

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
64S444: *Experimentation (Space)*	-	0.000	149.582	168.407	0.000	168.407	219.514	20.493	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Experimentation (Space), Project 64S444, efforts conduct experimentation and field prototyping of Hybrid Satellite Communications (SATCOM) for Joint operational implementation. In FY 2022, this included experimentation for Arctic Communications, leveraging Air Force Research Laboratory (AFRL) Global Lightning efforts. In FY 2024 through FY 2028, the Experimentation (Space) efforts will extend Hybrid SATCOM capabilities to an expanded set of DOD platforms, and enable assured communications through both commercial and military satellite constellations in multiple orbital regimes, while accessing multiple frequency bands to maintain resilient connectivity and security. The Hybrid SATCOM terminal effort implements and experimentally flight tests multi-band, multi-constellation, multi-orbit SATCOM terminals at three ground installations and on nine different aircraft types. Specific platforms and platform details are available through proper channels. The Project also demonstrates the ability of Hybrid SATCOM terminals to seamlessly switch between vendors and satellite constellations. The Hybrid SATCOM terminal prototyping will include secure connectivity using National Security Agency-approved approaches, and authority approvals at least to the interim levels needed for experimentation as required for DOD communications.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Experimentation Space	0.000	149.582	168.407
Description: Experimentation Space addresses significant gaps identified by COCOMs, MAJCOMs, and Department Air Force (DAF) Senior Leaders, often by quickly leveraging emerging capability into DOD systems. ***FY 2024 Plans:*** Develop first prototypes for the Hybrid SATCOM Terminals that can be integrated on air and ground platforms and perform the required integration assessments on 5 of the 9 platforms. Initiate antenna customization for most challenging platforms. ***FY 2025 Plans:*** Continue development on prototypes for the Hybrid SATCOM Terminals that can be integrated on air and ground platforms and perform the required integration assessments. Continue development of customized antennas needed for most challenging platforms. Complete integration assessments on remaining 4 of 9 platforms. Begin integration of prototypes on initial test platforms. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** FY 2025 funding increased compared to FY 2024 by 18.825 million. Funding increased due to initiation of prototype integration on first 5 of 9 platforms and planned increase for customization of multi-band apertures to allow use on most challenging platforms.			
Accomplishments/Planned Programs Subtotals	0.000	149.582	168.407

Exhibit R-2A, RDT&E Project Justification: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1206458SF / *Tech Transition (Space)*	**Project (Number/Name)** 64S444 / *Experimentation (Space)*

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

The Air Force Research Lab (AFRL) at Wright-Patterson Air Force Base, Ohio manages and executes Experimentation (Space) efforts. The contracting approach includes full-and-open competition using the existing Defense Experimentation Using the Commercial Space Internet (DEUCSI) Acquisition Strategy. The effort will be executed using a combination of existing contracts and new contracts to be issued under the DEUCSI solicitation.

The Prime Contractors will be expected to establish sub-contracts with multiple commercial vendors to secure access to a wide range of technology options, so as to allow the government to operationalize this capability as an integrated unit. With awards to a qualified integration contractor for each platform, the prototype units will be integrated onto a single platform of each type, complete operational worthiness approvals, interim authorities to test (IATT), and test in an operational environment to validate the design. For commercial SATCOM applications, the service will be acquired through the terminal prototype contracts for a limited duration to support the experimentation (typically 1 year).

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force			Date: March 2024
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1206458SF / *Tech Transition (Space)*	**Project (Number/Name)** 64S444 / *Experimentation (Space)*	

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
Congressional Add Arctic Comm terminals	Various	Various : Various	-	-		-		-		-		-	Continuing	Continuing	-
Hybrid SATCOM Terminals Contractor 1	C/CPFF	Northrop Grumman : CA	-	-		50.000	Oct 2023	30.000	Oct 2024	-		30.000	Continuing	Continuing	-
Hybrid SATCOM Terminals Contractor 2	C/CPFF	L3Harris : UT	-	-		41.000	Nov 2023	30.000	Nov 2024	-		30.000	Continuing	Continuing	-
Hybrid SATCOM Terminals Contractor 3	C/CPFF	SES-SD : VA	-	-		15.629	Oct 2023	7.112	Oct 2024	-		7.112	Continuing	Continuing	-
Custom Antennas for Key Platforms	C/CPFF	Not specified. : TBD	-	-		20.000	Apr 2024	45.000	Apr 2025	-		45.000	Continuing	Continuing	-
Platform Integration Assessments	Various	Not specified. : TBD	-	-		15.000	Jan 2024	8.337	Jan 2025	-		8.337	Continuing	Continuing	-
Platform Integration and Experiments	Various	Not specified. : TBD	-	-		-		40.000	Jan 2025	-		40.000	Continuing	Continuing	-
		Subtotal	-	-		141.629		160.449		-		160.449	Continuing	Continuing	N/A

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
Hybrid SATCOM Terminals Interoperability Assessments and Tests	Various	Various : Various	-	-		5.000		5.000		-		5.000	Continuing	Continuing	-
		Subtotal	-	-		5.000		5.000		-		5.000	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
Program Management Administration	Various	Booz Allen Hamilton : Dayton, OH	-	-		2.953		2.958		-		2.958	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force			Date: March 2024
Appropriation/Budget Activity 3620F / 4	R-1 Program Element (Number/Name) PE 1206458SF / *Tech Transition (Space)*	Project (Number/Name) 64S444 / *Experimentation (Space)*	

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
		Subtotal	-	-		2.953		2.958		-		2.958	Continuing	Continuing	N/A

	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	-	-		149.582		168.407		-		168.407	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1206458SF / *Tech Transition (Space)*	**Project (Number/Name)** 64S444 / *Experimentation (Space)*

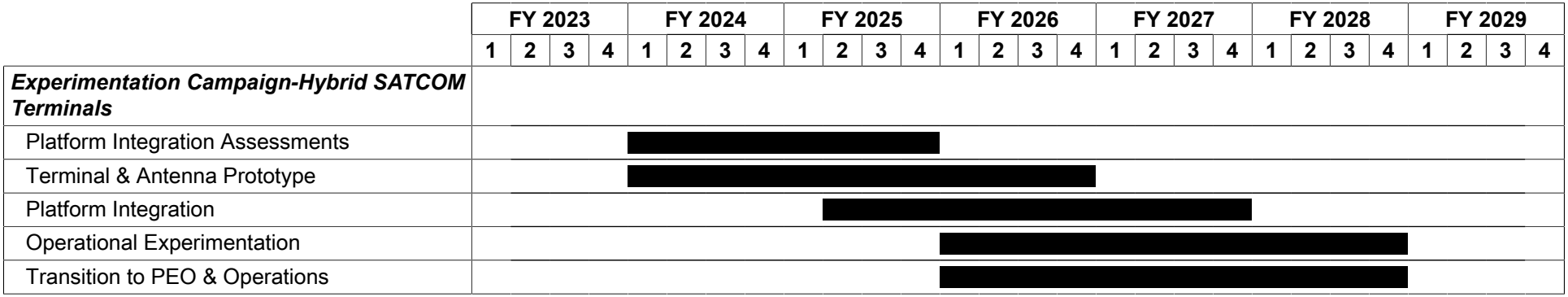

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1206458SF / *Tech Transition (Space)*	**Project (Number/Name)** 64S444 / *Experimentation (Space)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Experimentation Campaign-Hybrid SATCOM Terminals				
Platform Integration Assessments	1	2024	4	2025
Terminal & Antenna Prototype	1	2024	4	2026
Platform Integration	2	2025	4	2027
Operational Experimentation	1	2026	4	2028
Transition to PEO & Operations	1	2026	4	2028