Department of War
Fiscal Year (FY) 2027 Budget Estimates

April 2026

Air Force

Justification Book Volume 1 of 1

Procurement, Space Force

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Table of Volumes

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Volume 1 Table of Contents

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Appropriation Language
Fiscal Year (FY) 2027 President's Budget
Space Procurement, Air Force

For construction, procurement, and modification of spacecraft, rockets, and related equipment, including spare parts and accessories therefor; ground handling equipment, and training devices; expansion of public and private plants, Government owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes including rents and transportation of things, $9,645,353,000, to remain available for obligation until September 30, 2029.

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Department Of War
FY 2027 President's Budget
Exhibit P-1
Total Obligation Authority
DoW Component Summary
(Dollars in Thousands)

Appropriation Summary	FY 2025 Actuals	FY 2026 Discretionary Enacted	FY 2026 PL 119-21 Spend Plan	FY 2026 Total	FY 2027 Discretionary Request	FY 2027 Mandatory Request	FY 2027 Total
Procurement, Space Force	3,966,003	4,036,035	258,350	4,294,385	9,645,353	9,436,600	19,081,953
Total Department of the Air Force	**3,966,003**	**4,036,035**	**258,350**	**4,294,385**	**9,645,353**	**9,436,600**	**19,081,953**
Grand Total Department Of War	**3,966,003**	**4,036,035**	**258,350**	**4,294,385**	**9,645,353**	**9,436,600**	**19,081,953**

Department Of the Air Force
FY 2027 President's Budget
Exhibit P-1
Total Obligation Authority
Air Force Summary
(Dollars in Thousands)

Appropriation Summary	FY 2025 Actuals	FY 2026 Discretionary Enacted	FY 2026 PL 119-21 Spend Plan	FY 2026 Total	FY 2027 Discretionary Request	FY 2027 Mandatory Request	FY 2027 Total
Procurement, Space Force	3,966,003	4,036,035	258,350	4,294,385	9,645,353	9,436,600	19,081,953
Total Department of the Air Force	**3,966,003**	**4,036,035**	**258,350**	**4,294,385**	**9,645,353**	**9,436,600**	**19,081,953**

Department Of the Air Force
FY 2027 President's Budget
Exhibit P-1
Total Obligation Authority
3022F Budget Activity Summary
(Dollars in Thousands)

Appropriation: **Procurement, Space Force**	FY 2025 Actuals	FY 2026 Discretionary Enacted	FY 2026 PL 119-21 Spend Plan	FY 2026 Total	FY 2027 Discretionary Request	FY 2027 Mandatory Request	FY 2027 Total
Budget Activity							
01. SPACE PROCUREMENT, SF	3,957,173	4,009,648	258,350	4,267,998	9,630,444	9,436,600	19,067,044
02. SPARES	722	938		938	971		971
03. Ground Vehicular Equipment	4,919	5,000		5,000	6,032		6,032
04. Other Base Maintenance and Support Equipment	3,189	20,449		20,449	7,906		7,906
Total Procurement, Space Force	**3,966,003**	**4,036,035**	**258,350**	**4,294,385**	**9,645,353**	**9,436,600**	**19,081,953**

Department Of the Air Force
FY 2027 President's Budget
Exhibit P-1
Total Obligation Authority
3022F Detail
(Dollars in Thousands)

Appropriation: 3022 Procurement, Space Force		FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total		FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No Item Nomenclature	Ident Code	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Budget Activity 01: SPACE PROCUREMENT, SF															
Space Procurement, SF															
1 AF Satellite Comm System	A		88,836		68,238				68,238		54,391				54,391
2 Space Based Air Moving Target Indicator													7,056,000		7,056,000
3 Auxiliary Payloads					156,244				156,244		241,076				241,076
5 Counterspace Systems	A		4,277		2,027				2,027		459,466				459,466
7 Evolved Strategic SATCOM (ESS)															
Advance Procurement (CY)											139,700				139,700
C (FY 2027 for FY 2028) (M)											(60,000)				(60,000)
C (FY 2027 for FY 2029) (M)											(79,700)				(79,700)
8 Family of Beyond Line-of-Sight Terminals	A		20,717		15,404				15,404						
9 FABT FORCE ELEMENT TERMINAL	A		206,702												
10 Wideband Gapfiller Satellites(Space)	A		10,020												
11 Ground Moving Target Indicator (GMTI)					(154,500)				(154,500)		(1,051,612)				(1,051,612)
Less: Advance Procurement (PY)											(-35,000)				(-35,000)
					154,500				**154,500**		**1,016,612**				**1,016,612**
12 Ground Moving Target Indicator (GMTI)															
Advance Procurement (CY)					35,000				35,000						
C (FY 2026 for FY 2027) (M)					(35,000)				(35,000)						
13 General Information Tech - Space	A		2,189		1,835				1,835		14,895				14,895
14 GPSIII Follow On	A	2	647,165	2	637,944			2	637,944	2	680,875			2	680,875
15 GPS III Space Segment	A		54,805		29,274				29,274						
16 Global Postioning (Space)	A		835		870				870						

Department Of the Air Force
FY 2027 President's Budget
Exhibit P-1
Total Obligation Authority
3022F Detail
(Dollars in Thousands)

Appropriation: 3022 Procurement, Space Force		FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total		FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No Item Nomenclature	Ident Code	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
17 Spaceborne Equip (Comsec)	A		83,829		84,044				84,044		95,061				95,061
18 MILSATCOM	A		37,684		36,447				36,447		38,067				38,067
19 SBIR High (Space)	A		59,300												
20 Special Space Activities	A		411,697		454,003		258,350		712,353		2,021,299				2,021,299
21 Mobile User Objective System	A		64,665		48,977				48,977		50,640				50,640
22 National Security Space Launch	A	7	1,769,486	4	1,329,263			4	1,329,263	13	3,370,958	9	819,000	22	4,189,958
23 Proliferated Low Earth Orbit SATCOM													1,561,600		1,561,600
24 PTES HUB	A	12	56,148		29,949				29,949		12,046				12,046
25 Space Development Agency Launch	A	4	326,868	7	648,446			7	648,446	9	835,197			9	835,197
26 Space Digital Integrated Network (SDIN)	B				4,984				4,984		5,119				5,119
27 Space Mods	A		48,152		115,498				115,498		448,674				448,674
28 Spacelift Range System Space	A		63,798		64,321				64,321		64,885				64,885
29 Wideband SATCOM Operational Management Systems					92,380				92,380		81,483				81,483
Total SPACE PROCUREMENT, SF			**3,957,173**		**4,009,648**		**258,350**		**4,267,998**		**9,630,444**		**9,436,600**		**19,067,044**
Budget Activity 02: SPARES															
Spares															
30 Spares and Repair Parts	A		722		938				938		971				971
Total SPARES			**722**		**938**				**938**		**971**				**971**
Budget Activity 03: Ground Vehicular Equipment															
Non-Tactical Vehicles															

Department Of the Air Force
FY 2027 President's Budget
Exhibit P-1
Total Obligation Authority
3022F Detail
(Dollars in Thousands)

Appropriation: 3022 Procurement, Space Force		FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total		FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No Item Nomenclature	Ident Code	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
31 USSF Vehicles					5,000				5,000		6,032				6,032
Passenger Carrying Vehicles															
32 USSF Replacement Vehicles	A		4,919												
Total Ground Vehicular Equipment			**4,919**		**5,000**				**5,000**		**6,032**				**6,032**
Budget Activity 04: Other Base Maintenance and Support Equipment															
Support Equipment															
33 Power Conditioning Equipment	A		3,189		20,449				20,449		7,906				7,906
Total Other Base Maintenance and Support Equipment			**3,189**		**20,449**				**20,449**		**7,906**				**7,906**
Total Procurement, Space Force			**3,966,003**		**4,036,035**		**258,350**		**4,294,385**		**9,645,353**		**9,436,600**		**19,081,953**

Master Line Item Table of Contents (by Appropriation then Line Number)

Appropriation 3022F: Procurement, Space Force

Appropriation 3022F: Procurement, Space Force

Appropriation 3022F: Procurement, Space Force

Appropriation 3022F: Procurement, Space Force

Appropriation 3022F: Procurement, Space Force

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Master Line Item Table of Contents (Alphabetically by Line Item Title)

Executive Summary for

Procurement, Space Force

Table 1: Funding Overview

	FY 2025 ($K)	FY 2026 ($K)	FY 2027 ($K)
Discretionary	$3,966,003	$4,036,035	$9,645,353
Mandatory	$0	$258,350	$9,436,600
Total	**$3,966,003**	**$4,294,385**	**$19,081,953**

Table 2: Detailed Mandatory Breakout

BLI	Reconciliation Bin Title	FY 2025 ($K)	FY 2026 ($K)	FY 2027 ($K)
AMTI00	Space Superiority			$7,056,000
MSSPAC	INDOPACOM Capabilities		$258,350	
NSSL00	Space Superiority			$819,000
PLEO00	Space Superiority			$1,561,600
Mandatory Total		**$0**	**$258,350**	**$9,436,600**

MANDATORY FUNDING JUSTIFICATION:

The FY 2027 request for Space Procurement includes $9,645,353 thousand of discretionary and $9,436,600 thousand of mandatory for a total of $19,081,953.

Space-based Air Moving Target Indicator Global Coverage: The $7.06 billion provides funding to expand the SB-AMTI high-band radar system for detection and tracking of airborne targets. This expansion allows the USSF to meet regional coverage and work towards global coverage to meet joint force needs. Additional details available at a higher classification level.

Space Data Network Backbone: The $2.38 billion provides funds to accelerate the expansion of a pLEO mesh constellation and associated ground architecture providing resilient, high-volume, low-latency communications and tactical data links for the Joint Force. Additional details available at a higher classification level.

FY 2026 funding for efforts in the 3022 AMTI00 and PLEO00 lines are in account 3007D.

The FY 2026 spend plan amount for Procurement, Space Force includes $4,036,035 thousand of discretionary and $258,350 thousand of mandatory (reconciliation) for a total of $4,294,385.

The FY 2025 spend plan amount for Procurement, Space Force includes $3,966,003 thousand of discretionary and no mandatory (reconciliation) for a total of $3,966,003.

ACRONYMS

GENERAL ACRONYMS

A&AS	- Advisory & Assistance Services
ABIDES	- Automated Budget Interactive Data Environment System
ACAT	- Acquisition Category
ACTD	- Advanced Concept Technology Demonstration
AGM	- Air-to-Ground Missile
AIM	- Air Intercept Missile
AIS	- Avionics Intermediate Shop
ACMI	- Aircraft Combat Maneuvering Instrumentation
AMRAAM	- Advanced Medium-Range Air-to-Air Missile
APPN	- Appropriation
ATD	- Advanced Technology Development
BA	- Budget Activity
BES	- Budget Estimate Submission
BY	- Budget Year
C3	- Command, Control, and Communication System
CFE	- Contractor Furnished Equipment
CONOPS	- Concept of Operation
CONUS	- Continental United States
CPMS	- Comprehensive Power Management System
CPT	- Cockpit Procedures Trainer
CRA	- Continuing Resolution Authority
CTS	- Countermeasures Test Set
CY	- Current Year
ECCM	- Electronic Counter Counter-Measures
ECM	- Electronic Counter Measures
ECO	- Engineering Change Orders
EOQ	- Economic Order Quantity
ECP	- Engineering Change Proposal
EPA	- Economic Price Adjustment
EW	- Electronic Warfare
EWAISP	- Electronic Warfare Avionics Integration Support Facility
FLIR	- Forward Looking Infra Red

FOT&E	- Follow-on Test and Evaluation
FOC	- Fully Operational Capability
FLTS	- Flight Line Test Set
FPIF	- Fixed Price Incentive Firm
FPIS	- Fixed Price Incentive Fee, Successive Targets
FY	- Fiscal Year
GANS	- Global Access Navigation & Safety
GATM	- Global Air Traffic Management
GFE	- Government Furnished Equipment
GFP	- Government Furnished Property
GPS	- Global Positioning System
GSE	- Ground Support Equipment
ICS	- Interim Contractor Support
IOC	- Initial Operating Capability
IT	- Information Technology
JUON	- Joint Urgent Operational Need
MAIS	- Major Automated Information System Program
MDAP	- Major Defense Acquisition Program
METS	- Mobile Electronic Test Stations
MYP	- Multiyear Procurement
NAVWAR	- Navigation Warfare
NMC Rate	- Not Mission Capable Rate
OCO	- Overseas Contingency Operations
OOC	- Overseas Operations Costs
OT&E	- Operational Test and Evaluation
OWRM	- Other War Reserve Material
PAGEL	- Priced Aerospace Ground Equipment List
PB	- President's Budget
PBR	- Program Budget Review
PMA	- Program Management Administration
PMC	- Procurement Method Code
PNO	- Acquisition Program Number (MDAP Codes)
PR	- Purchase Request
PRCP	- Program Resource Collection Process
PTT	- Part Task Trainer
PY	- Prior Year

R&M	- Reliability and Maintainability
RAA	- Rapid Acquisition Authority
RDT&E	- Research, Development, Test and Evaluation
RWR	- Radar Warning Receiver
ROM	- Rough Order of Magnitude
SS	- Sole Source
SOF	- Special Operation Force
TAF	- Tactical Air Force
TCAS	- Traffic Collision Alert and Avoidance System
TEWS	- Tactical Electronic Warfare System
TISS	- TEWS Intermediate Support System
TOA	- Total Obligation Authority
WCF	- Working Capital Fund
WRM	- War Reserve Material
WST	- Weapon System Trainer
UAV	- Unmanned Aerial Vehicle
XML	- Extensible Markup Language

BASE / ORGANIZATIONAL ACRONYMS

ACC	- Air Combat Command
AETC	- Air Education & Training Command
AFCAO	- Air Force Computer Acquisition Office
AFCESA	- Air Force Civil Engineering Support Agency
AFCIC	- AF Communications & Information Center
AFCSC	- Air Force Cryptologic Service Center
AFESC	- Air Force Engineering Services Center
AFGWC	- Air Force Global Weather Central
AFIT	- Air Force Institute of Technology
AFLCMC	- Air Force Life Cycle Management Center
AFMC	- Air Force Materiel Command
AFMETCAL	- Air Force Metrology and Calibration Office
AFMLO	- Air Force Medical Logistics Office
AFOSI	- Air Force Office of Special Investigation
AFOTEC	- Air Force Operational Test & Evaluation Center
AFPC	- Air Force Personnel Center

AFPSL	- AF Primary Standards Lab
AFR	- Air Force Reserve
AFSOC	- AF Special Operations Command
AFSPC	- Air Force Space Command
AIA	- Air Intelligence Agency
ALC	- Air Logistics Center
AMC	- Air Mobility Command
ANG	- Air National Guard
ASC	- Aeronautical Systems Center
AETC	- Air Education Training Command
AU	- Air University
AWS	- Air Weather Service
CIA	- Central Intelligence Agency
DGSC	- Defense General Support Center
DLA	- Defense Logistics Center
DOE	- Department of Energy
DPSC	- Defense Personnel Support Center
DSCC	- Defense Supply Center, Columbus
DTIC	- Defense Technical Information Center
ER	- Eastern Range
ESC	- Electronic Systems Center
FAA	- Federal Aviation Agency
FBI	- Federal Bureau of Investigation
GSA	- General Services Administration
JCS	- Joint Chiefs of Staff
NATO	- North Atlantic Treaty Organization
OSW	- Office of the Secretary of War
PACAF	- Pacific Air Forces
USAF	- United States Air Force
USAFA	- United States Air Force Academy
USAFE	- United States Air Force Europe
USCENTCOM	- United States Central Command
USEUCOM	- United States European Command
USMC	- United States Marine Corps
USSTRATCOM	- United States Strategic Command
WP AFB	- Wright-Patterson AFB, OH

CONTRACT METHOD / TYPE ACRONYMS

C	- Competitive
BA	- Basic Agreement
BOA	- Basic Ordering Agreement
BPA	- Blanket Purchasing Agreement
CS	- Cost Sharing
IDDQ	- Indefinite Delivery, Definite Quantity
IDIQ	- Indefinite Delivery, Indefinite Quantity
IDRT	- Indefinite Delivery, Requirements
Letter	- Letter
LH	- Labor-hour
MIPR	- Military Interdepartmental Purchase Request
MIPR-C	- Military Interdepartmental Purchase Request - Competitive
MIPR-OPT	- Military Interdepartmental Purchase Request - Option
MIPR-OTH	- Military Interdepartmental Purchase Request – Other
MIPR-SS	- Military Interdepartmental Purchase Request - Sole Source
OPT	- Option
OTH	- Other
PO	- Project Order
REQN	- Requisition
SS	- Sole Source
T&M	- Time and Materials
UCA	- Undefinitized Contract Action
WP	- Work Project

CONTRACTED BY ACRONYMS

11 WING	- 11th Support Wing, Washington, DC
ACC	- Air Combat Command, Langley AFB, VA
AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AAC	- Air Armament Center, Eglin AFB, FL
AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AETC	- Air Education and Training Command, Randolph AFB, TX
AFCIC	- Air Force Communications and Information Center, Washington, DC
AFCESA	- Air Force Civil Engineering Support Agency, Tyndall AFB, FL

AFFTC	- Air Force Flight Test Center, Edwards AFB, CA
AFLCMC	- Air Force Life Cycle Management Center, Wright-Patterson AFB, OH
AFMC	- Air Force Materiel Command, Wright-Patterson AFB, OH
AFMETCAL	- Air Force Metrology and Calibration Office, Heath, Ohio
AFMLO	- Air Force Medical Logistics Office, Ft Detrick, MD
AIA	- Air Intelligence Agency, Kelly AFB, TX
AMC	- Air Mobility Command, Scott AFB, IL
ASC	- Aeronautical Systems Center, Wright-Patterson AFB, OH & Eglin AFB, FL
AFWA	- Air Force Weather Agency, Offutt AFB, NE
DGSC	- Defense General Support Center, Richmond, VA
DPSC	- Defense Personnel Support Center, Philadelphia, PA
ER	- Eastern Range, Patrick SFB, FL
ESC	- Electronic Systems Center, Hanscom AFB, MA
HSC	- Human Services Center, Brook AFB, TX
OC-ALC	- Oklahoma City Air Logistics Center, Tinker AFB, OK
OO-ALC	- Ogden Air Logistics Center, Hill AFB, UT
SMC	- Space & Missile Systems Center, Los Angeles AFB, CA
US STRATCOM	- US Strategic Command, Offutt AFB, NE
WACC	- Washington Area Contracting Center, Washington DC
WR	- Western Range, Vandenberg SFB, CA
WR-ALC	- Warner-Robins Air Logistics Center, Robins AFB, GA
AFSPC	- Air Force Space Command, Peterson AFB, CO
HQ ANG	- Headquarters, Air National Guard, Washington, DC
USAFE	- United States Air Force Europe, Ramstein AB, GE
USAFA	- United States Air Force Academy, Colorado Springs, CO

IDENTIFICATION CODES

Code “A”	- Line items of material which have been approved for Air Force service use.
Code “B”	- Line items of material that have not been approved for Service use
OBAN	- Operating Budget Account Number, 2-digit code for unit allocated funds

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** AFSCOM / AF Satellite Comm System
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	88.836	68.238	54.391	-	54.391	55.445	56.412	57.655	58.811	-	439.788
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	88.836	68.238	54.391	-	54.391	55.445	56.412	57.655	58.811	-	439.788
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**88.836**	**68.238**	**54.391**	**-**	**54.391**	**55.445**	**56.412**	**57.655**	**58.811**	**-**	**439.788**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Satellite Control Network (SCN) Program Office is modernizing, sustaining and operating the SCN (Project AFSCOM) for Guardians performing satellite operations across Combat Power, Space Domain Awareness, Launch, Position Navigation and Timing, Satellite Communications, Weather, and Science & Technology and Test & Evaluation. As a result, the Service will improve readiness and operational reach of existing force structure, as well as integrate Allies, partners, and commercial space to USSF units which will result in resilient infrastructure, equipment, and personnel.

SCN is a satellite ground terminal network comprised of two communication nodes (Schriever SFB & Vandenberg SFB) and 15 antenna systems. The systems are distributed globally at seven locations -- Vandenberg Tracking Station (VTS), Diego Garcia Station (DGS), Guam Tracking Station (GTS), Hawaii Tracking Station (HTS), New Hampshire Tracking Station (NHS), Thule Tracking Station (TTS) at Pituffik Space Base, Greenland, and Telemetry and Commanding Station (TCS) at RAF Oakhanger, England. As a global ground terminal network, the SCN provides the foundational telemetry, tracking, and commanding (TT&C) for over 170 national security satellites, including those supporting Intelligence, Surveillance, and Reconnaissance (ISR) and Missile Warning. With an average of over 450 daily contacts, it is indispensable to the Department of War (DoW), Intelligence Community (IC), and civil partners. The network's high-power antennas are uniquely critical for ensuring mission assurance during satellite emergencies, often serving as the only terrestrial asset capable of recovering a non-responsive satellite and preserving national assets worth billions of dollars.

Funding for the SCN is directly focused on fulfilling modernization and sustainment mandates to meet the challenges posed by pacing adversaries. To build the resilient posture required for strategic competition, funds are used to procure modernized equipment, address Diminishing Manufacturing Sources (DMS) to mitigate readiness risks, and harden the network's cybersecurity posture. The Space Force prioritizes these efforts annually based on criticality to the mission, with the threat to mission assurance posed by the potential for failed satellite contacts driving investment priorities.

The SCN's modernization efforts are executed through several key lines of effort:

SCN Commodity Procurements - Funds are used to procure, modify, and test the necessary equipment to maintain and optimize the SCN's operational capability. This directly addresses the "worst actors" of obsolescence that threaten mission readiness and ensures the network remains a reliable instrument of national power. Funds are also targeted at critical cybersecurity, network, and communication commodities to harden the SCN against adversary action.

SCN Knowledge-Based Services - provides Cyber Security and Test and Evaluation (T&E) expertise to evaluate system functionality and submit packages to Certifying Authorities to obtain Authorizations to Operate (ATO) or Interim Authorizations to Test (IATT); streamlines the validation process and enhances the overall effectiveness of the single Space Force Security Control Assessor (SCA); provides Technical

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	P-1 Line Item Number / Title: AFSCOM / AF Satellite Comm System	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

and Acquisition support to integrate new systems and services into SSC programs, gain support for new and on-going efforts in all phases of the acquisition life cycle and standardize systems engineering processes.

SCN Replenishment Spares - procures spares for developed systems under the sustainment contract, and transitions to government supply to support the maintenance and sustainment of the SCN.

Funding for this exhibit contained in PE 1203110SF.

These requirements and modifications support performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

This program falls within the Multi-Mission mission area which provides the systems and efforts that evenly contribute to multiple mission areas across the space enterprise. Space Force investment program interdependencies include:
RDT&E Budget Line Items: Defensive Cyber Operations - Space (1203040SF); Rapid Resilient Command and Control (1206772SF); Satellite Control Network (1203110SF); Space and Missile Test and Evaluation (1203173SF; Space Force IT, Data Analytics, Digital (1203010SF); and elements of Procurement Budget Line Items: Space-borne Equip (Comsec) (MC0MSE); Spares and Repair Parts (SSPARE); Space Digital Integrated Network (SDN000)

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** AFSCOM / AF Satellite Comm System

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)
P-5	AF Satellite Comm System		A		- / -	- / 88.836	- / 68.238	- / 54.391	- / -	- / 54.391
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 88.836**	**- / 68.238**	**- / 54.391**	**- / -**	**- / 54.391**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1) SCN Knowledge-Based Services (P-5) - FY2027 funds will be used to procure non-organic subject matter expertise to directly support the SCN program office's acquisition and engineering efforts. These services are critical for maintaining the program's technical baseline, performing disciplined systems engineering, and conducting cybersecurity analysis across the portfolio. This ensures the government has the necessary technical oversight to manage a complex modernization effort and ensure new systems are both effective and secure.

2) SCN Commodity Procurement (P-5) - FY2027 funds will pivot from the accelerated FY2026 reconstitution of Hawaii Tracking Station C-side (HTS-C) to focus on key modernization and sustainment projects that directly enhance the network's resilience.

FY2027 efforts will complete the integration and testing of the Transportable Mission Transport Remote Tracking Station (T-MTR). This asset is a key component of building a more resilient and adaptable architecture. It provides the ability to backfill operational capacity at a fixed site during extended maintenance, thereby preventing long-term gaps in coverage and ensuring mission continuity. In addition, MTR block upgrades will be initiated at multiple sites throughout the network.

Funds will address infrastructure sustainment by replacing aging radome structures to mitigate the risk of catastrophic failures and operational downtime. These actions are fundamental to ensuring the resilience and availability of the network. Funding will also support critical cybersecurity modernization and directly advances the SCN's transition toward a Zero Trust architecture, a core component of building a more defensible network capable of operating under the persistent threat of cyber-attack from near-peer adversaries.

3) SCN Replenishment Spares (P-5) - FY 2027 funding will also be utilized for ensuring the availability of both consumable and reparable spares to maintain operational readiness. Funds will be used to procure urgently needed capital equipment replacements for items that exceed the Operation & Maintenance dollar threshold like processors and timing systems suffering from Diminishing Manufacturing Sources and Material Shortages (DMSMS). This directly targets the "worst actors" of obsolescence that create the most significant risk to mission success, ensuring the readiness of the current force and supporting force resiliency.

Furthermore, this funding will allow the program office to respond rapidly to implement system resiliency and situational awareness necessary to operate through a contested space domain. Activities may include program office support, studies, technical analyses, and leveraging commercial, U.S. Government, and international partnerships to counter existing and emerging adversarial threats. This provides the resources needed to identify and implement resilient solutions with speed and agility to maintain a decisive advantage for the warfighter.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** AFSCOM / AF Satellite Comm System	**Item Number / Title [DODIC]:** AF Satellite Comm System
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	88.836	68.238	54.391	-	54.391
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	88.836	68.238	54.391	-	54.391
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**88.836**	**68.238**	**54.391**	**-**	**54.391**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Hardware - AF Satellite Control Network Cost																		
Non Recurring Cost																		
Commodity Procurements	-	-	-	-	-	68.057	-	-	50.989	-	-	37.039	-	-	-	-	-	37.039
Subtotal: Non Recurring Cost	-	-	-	-	-	*68.057*	-	-	*50.989*	-	-	*37.039*	-	-	-	-	-	*37.039*
Subtotal: Hardware - AF Satellite Control Network Cost	**-**	**-**	**-**	**-**	**-**	***68.057***	**-**	**-**	***50.989***	**-**	**-**	***37.039***	**-**	**-**	**-**	**-**	**-**	***37.039***
Logistics - AF Satellite Comm System Cost																		
Recurring Cost																		
Knowledge-Based Services	-	-	-	-	-	16.179	-	-	13.608	-	-	13.681	-	-	-	-	-	13.681
Replenishment Spares	-	-	-	-	-	4.600	-	-	3.641	-	-	3.671	-	-	-	-	-	3.671
Subtotal: Recurring Cost	-	-	-	-	-	*20.779*	-	-	*17.249*	-	-	*17.352*	-	-	-	-	-	*17.352*
Subtotal: Logistics - AF Satellite Comm System Cost	**-**	**-**	**-**	**-**	**-**	***20.779***	**-**	**-**	***17.249***	**-**	**-**	***17.352***	**-**	**-**	**-**	**-**	**-**	***17.352***
Support - AF Satellite Comm System Cost																		
Services	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-
Subtotal: Support - AF Satellite Comm System Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**88.836**	**-**	**-**	**68.238**	**-**	**-**	**54.391**	**-**	**-**	**-**	**-**	**-**	**54.391**

Remarks:

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** AFSCOM / AF Satellite Comm System	**Item Number / Title [DODIC]:** AF Satellite Comm System
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

The FY 2025 Knowledge Based Services cost element under Logistics reflects $1,250,000 that was used as a reprogramming source. The reprogramming action was approved on 10 Oct 2025 and, as such, not included in the DFAS 1002 for EOM Sep 2025. This adjustment will be updated in the DAF database during the actuals update in Oct 26, and reflected in the FY 2028 PB.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** AUX000 / Auxiliary Payloads

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	156.244	241.076	-	241.076	526.526	497.475	473.728	483.199	-	2,378.248
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	0.000	156.244	241.076	-	241.076	526.526	497.475	473.728	483.199	-	2,378.248
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**156.244**	**241.076**	**-**	**241.076**	**526.526**	**497.475**	**473.728**	**483.199**	**-**	**2,378.248**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Auxiliary Payloads program provides communication relay space vehicles with the DoW S-Band auxiliary payload. These relays are required to increase system access and capacity to the levels needed to enable warfighters with the capability to rapidly move target data around the globe and execute long range kill chains. The relays acquired under this project contribute 114 of the initial quantity needed to support the government data transport and S-Band communications requirements, including support for the USSF's space-based Ground Moving Target Indicator (GMTI). The relays are also capable of providing satellite communications for warfighter support. To ensure this system can transmit data to the secure cloud environment within operationally relevant timelines and enable persistent capability to directly downlink data to warfighters and weapon systems, capacity must be added to the network through the addition of more Relay vehicles. The DoW will leverage its existing relationship with the partnered agencies to rapidly acquire necessary capability to meet warfighter needs.

This program falls within the Satellite Communications (SATCOM) mission area which provides the space and dedicated ground architecture required to securely transport wideband, narrowband, tactical, and strategic satellite communications, including USSF-funded SATCOM terminals and commercial SATCOM activities. Space Force investment program interdependencies include:
RDT&E Budget Line Items: Advanced EHF MILSATCOM (1206431SF); Commercial SATCOM Integration (1206445SF); Evolved Strategic SATCOM (ESS) (1206855SF); Family of Adv BLoS Terminals (FAB-T) (1203001SF); Narrowband Satellite Communications (1203109SF); Protected Tactical Enterprise Service (1206760SF); Protected Tactical Service (1206761SF; Space Tech Development & Prototyping (1206410SF); Tech Transition (Space) (1206458SF); Wideband Global SATCOM (SPACE) (1206433SF); Data Transport and Networking (1203156SF); Space Data Network (1203636SF); and elements of Procurement Budget Line Items: Family of Beyond Line-of-Sight Terminals (FBLOST); Mobile User Objective System (MUOS00); MILSATCOM (MILSAT); Wideband SATCOM Operational Management Systems (WSOMS0); Auxiliary Payloads (AUX000); Proliferated Low Earth Orbit SATCOM (PLEO00); PTES HUB (PTES00); ESS (ESS000).

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** AUX000 / Auxiliary Payloads

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Auxiliary Payloads		A		- / -	- / 0.000	- / 156.244	- / 241.076	- / -	- / 241.076
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 0.000**	**- / 156.244**	**- / 241.076**	**- / -**	**- / 241.076**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY2027 funding procures communication relay space vehicles with the DoW S-Band auxiliary payload. This funding is necessary to maintain the space vehicle build and fielding schedule to meet the DoW need date of EOY CY2027.

FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** AUX000 / Auxiliary Payloads	**Item Number / Title [DODIC]:** Auxiliary Payloads
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	156.244	241.076	-	241.076
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	0.000	156.244	241.076	-	241.076
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**156.244**	**241.076**	**-**	**241.076**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Space Vehicle - Space Data Network (SDN) Cost																		
Non Recurring Cost																		
82100	-	-	-	-	-	0.000	12.019	13	156.244	11.480	21	241.076	-	-	-	11.480	21	241.076
Subtotal: Non Recurring Cost	-	-	-	-	-	*0.000*	-	-	*156.244*	-	-	*241.076*	-	-	-	-	-	*241.076*
Subtotal: Space Vehicle - Space Data Network (SDN) Cost	**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***156.244***	**-**	**-**	***241.076***	**-**	**-**	**-**	**-**	**-**	***241.076***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**0.000**	**-**	**-**	**156.244**	**-**	**-**	**241.076**	**-**	**-**	**-**	**-**	**-**	**241.076**

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** CTRSPC / Counterspace Systems
ID Code (A=Service Ready, B=Not Service Ready):	**Program Elements for Code B Items:** 1206421SF / **Other Related Program Elements:** 1206421F
Line Item MDAP/MAIS Code: N/A	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	205.099	4.277	2.027	459.466	-	459.466	353.457	4.143	113.222	134.967	0.000	1,276.658
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	205.099	4.277	2.027	459.466	-	459.466	353.457	4.143	113.222	134.967	0.000	1,276.658
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**205.099**	**4.277**	**2.027**	**459.466**	**-**	**459.466**	**353.457**	**4.143**	**113.222**	**134.967**	**0.000**	**1,276.658**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Space Systems Command (SSC) / Mission Delta-3 is developing, operating, prototyping, and executing the Counter Satellite Communications System (Project 65A001) and the BOUNTY HUNTER program (Project 65A013) for Guardians across the combat power mission area. As a result, the Service will deter, neutralize, defeat and/or destroy counterspace threats and defend the space domain.

The Counter Communications System (CCS) Pre-planned Product Improvement (P3I) program provides expeditionary, deployable, reversible offensive space control (OSC) effects applicable across the full spectrum of conflict. It prevents adversary satellite communications (SATCOM) in the Area of Responsibility (AOR) including Command and Control (C2), Early Warning, and Propaganda; and hosts Rapid Reaction Capabilities in response to Urgent Needs. Acquisition Decision Memorandum (24 April 2009) directed all capabilities identified in the October 2006 CCS Block 20, Joint Requirements Oversight Council (JROC) approved Capability Development Document (CDD) shall be accomplished as P3I upgrades to the CCS Block 10.

Funding for this exhibit is in Program Element (PE) 1206421SF, Counterspace Systems. Developmental funding for CCS is in PE 1206421SF, Project 65A001 Counter Satellite Communications System.

Bounty Hunter (BH) is a ground-based, deployable, tactical space Electronic Warfare System (EWS) that provides SATCOM geolocation and interference detection capabilities to support the Defensive Space Control of US systems in a specific AOR. BH provides the capability to monitor, detect, characterize and geolocate friendly and unfriendly electro-magnetic interference (EMI) across multiple radio frequency bands in support of Command, Control, Communications, Computers, and Intelligence (C4I) systems by US Joint Forces. Continuing annual procurement is needed to meet Combatant Command requirements in an ever-changing threat environment.

The system was originally a response to Joint Urgent Operational Need. In 2013, AF Requirements Oversight Council directed incorporation of BH capabilities into a Program of Record (PoR). In March 2019, Bounty Hunter was designated as a PoR and reached Initial Operational Capability in August 2020.

Developmental funding for BH is in PE 1206421SF, Counterspace Systems, Project 65A013 Bounty Hunter.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** CTRSPC / Counterspace Systems
ID Code (A=Service Ready, B=Not Service Ready):	**Program Elements for Code B Items:** 1206421SF / **Other Related Program Elements:** 1206421F
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-3a	10.3 / Counter Communications System (CCS) Meadowlands Production (Capability Improvement)		B		- / 205.099	- / 4.277	- / 2.027	- / 450.596	- / 0.000	- / 450.596
P-5	Counterspace Systems		A		- / -	- / -	- / -	- / 8.870	- / -	- / 8.870
P-40	**Total Gross/Weapon System Cost**				**- / 205.099**	**- / 4.277**	**- / 2.027**	**- / 459.466**	**- / -**	**- / 459.466**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-3a	10.3 / Counter Communications System (CCS) Meadowlands Production (Capability Improvement)		B		- / 353.457	- / 4.143	- / 113.222	- / 134.967	- / 0.000	- / 1,267.788
P-5	Counterspace Systems		A		- / -	- / -	- / -	- / -	- / -	- / -
P-40	**Total Gross/Weapon System Cost**				**- / 353.457**	**- / 4.143**	**- / 113.222**	**- / 134.967**	**- / 0.000**	**- / 1,276.658**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
Procurement of BOUNTY HUNTER - Secondary (BH-S) system is an FY 2027 new start.

FY 2027 funding for CCS is for support to integrate, target and deliver Meadowlands production systems to include: remote operations suites, antennae, mission emulators, training equipment, and associated spares required to support integration and fielding.

FY 2027 funding for BOUNTY HUNTER is to support the acquisition of one Bounty Hunter - Secondary (BH-S) system. This system supports the MD3/CFC Electromagnetic Warfare remote operating concept of employment which utilizes small factor deployable systems that minimize manpower stationed forward. This allows for remote operators to conduct mission activities and / operations.

Both of these programs fall within the Combat Power mission area which provides the systems required to protect and defend space-based capabilities and ensure space superiority by enabling and executing combat operations in space. Space Force investment program interdependencies include: RDT&E Budget Line Items: Space-Based Moving Target Indicator (1203155SF); Long Range Kill Chains (1203154SF); Space Control Technology (1206438SF); Space Superiority ISR (1203330SF) and elements of Procurement Budget Line Items: Space Mods (SPCMOD); Space Based Air Moving Target Indicator (AMTI00); and Ground Moving Target Indicator (GMTI00).

FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc.

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** CTRSPC / Counterspace Systems	**Modification Number / Title:** 10.3 / Counter Communications System (CCS) Meadowlands Production

ID Code (A=Service Ready, B=Not Service Ready) : B

MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	205.099	4.277	2.027	450.596	0.000	450.596	353.457	4.143	113.222	134.967	0.000	1,267.788
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	205.099	4.277	2.027	450.596	0.000	450.596	353.457	4.143	113.222	134.967	0.000	1,267.788
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**205.099**	**4.277**	**2.027**	**450.596**	**0.000**	**450.596**	**353.457**	**4.143**	**113.222**	**134.967**	**0.000**	**1,267.788**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Counter Communications System (CCS) Pre-planned Product Improvement (P3I) program provides expeditionary, deployable, reversible offensive space control (OCS) effects applicable across the full spectrum of conflict. It prevents adversary satellite communications (SATCOM) in the Area of Responsibility (AOR) including Command and Control (C2), Early Warning, and Propaganda; and hosts Rapid Reaction Capabilities in response to Urgent Needs. Acquisition Decision Memorandum (24 April 2009) directed all capabilities identified in the October 2006 CCS Block 20, Joint Requirements Oversight Council (JROC) approved Capability Development Document (CDD) shall be accomplished as P3I upgrades to the CCS Block 10.

This programs falls within the Combat Power mission area which provides the systems required to protect and defend space-based capabilities and ensure space superiority by enabling and executing combat operations in space. Space Force investment program interdependencies include: RDT&E Budget Line Items: Space-Based Moving Target Indicator (1203155SF); Long Range Kill Chains (1203154SF); Space Control Technology (1206438SF); Space Superiority ISR (1203330SF) and elements of Procurement Budget Line Items: Space Mods (SPCMOD); Space Based Air Moving Target Indicator (AMTI00); and Ground Moving Target Indicator (GMTI00).

Funding for this exhibit is in Program Element (PE) 1206421SF, Counterspace Systems. Developmental funding for CCS is in PE 1206421SF, Project 65A001 Counter Satellite Communications System.

Milestone/Development Status

Authority to Proceed - 1QFY22; IBR Phase 2 2QFY22; Production of next lot of 7 Meadowlands systems - 3QFY22; GFE PICKUP - 4QFY22 - FY 2025; Integrated Test - 1QFY26; Deliveries Begin - 3QFY25; Production of next lot of 7 Meadowlands systems - 3QFY23; Production of training equipment, remote operations suites, antennae, and associated spares- Begin 1QFY25; Deliveries Begin - 3QFY26

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** CTRSPC / Counterspace Systems	**Modification Number / Title:** 10.3 / Counter Communications System (CCS) Meadowlands Production
ID Code (A=Service Ready, B=Not Service Ready) : B	**MDAP/MAIS Code:**	
Models of Systems Affected: 10.3	**Modification Type:** Capability Improvement	**Related RDT&E PEs:** 1206421F

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Hardware End Item												
B Kits												
Recurring												
Hardware End Item:EQUIPMENT Group B (Active)	26 / 198.593	- / -	- / -	1 / 448.248	- / -	1 / 448.248	1 / 350.454	- / 1.970	1 / 111.000	1 / 131.679	- / -	30 / 1,241.944
Subtotal: Recurring	*- / 198.593*	*- / -*	*- / -*	*- / 448.248*	*- / -*	*- / 448.248*	*- / 350.454*	*- / 1.970*	*- / 111.000*	*- / 131.679*	*- / -*	*- / 1,241.944*
Subtotal: Hardware End Item	*- / 198.593*	*- / -*	*- / -*	*- / 448.248*	*- / -*	*- / 448.248*	*- / 350.454*	*- / 1.970*	*- / 111.000*	*- / 131.679*	*- / -*	*- / 1,241.944*
Subtotal: Procurement, All Modification Items	*- / 198.593*	*- / -*	*- / -*	*- / 448.248*	*- / -*	*- / 448.248*	*- / 350.454*	*- / 1.970*	*- / 111.000*	*- / 131.679*	*- / -*	*- / 1,241.944*
Support *(All Modification Items)*												
A&AS	- / 1.460	- / 0.575	- / 0.257	- / 0.265	- / -	- / 0.265	- / 0.273	- / 0.294	- / 0.317	- / 0.317	- / -	- / 3.758
FFRDC	- / 2.846	- / 0.357	- / 0.249	- / 0.280	- / -	- / 0.280	- / 0.285	- / 0.302	- / 0.320	- / 0.302	- / -	- / 4.941
PMA - Contractor Services	- / 2.200	- / 2.573	- / 0.163	- / 0.963	- / -	- / 0.963	- / 1.623	- / 0.651	- / 0.611	- / 1.648	- / -	- / 10.432
Subtotal: Support	*- / 6.506*	*- / 3.505*	*- / 0.669*	*- / 1.508*	*- / -*	*- / 1.508*	*- / 2.181*	*- / 1.247*	*- / 1.248*	*- / 2.267*	*- / -*	*- / 19.131*
Installation												
Modification Item 1 of 1: Hardware End Item	- / -	7 / 0.772	12 / 1.358	7 / 0.840	- / -	7 / 0.840	1 / 0.822	1 / 0.926	1 / 0.974	1 / 1.021	- / -	30 / 6.713
Subtotal: Installation	*- / -*	*7 / 0.772*	*12 / 1.358*	*7 / 0.840*	*- / -*	*7 / 0.840*	*1 / 0.822*	*1 / 0.926*	*1 / 0.974*	*1 / 1.021*	*- / -*	*30 / 6.713*
Total												
Total Cost (Procurement + Support + Installation)	**205.099**	**4.277**	**2.027**	**450.596**	**0.000**	**450.596**	**353.457**	**4.143**	**113.222**	**134.967**	**0.000**	**1,267.788**

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** CTRSPC / Counterspace Systems	**Modification Number / Title:** 10.3 / Counter Communications System (CCS) Meadowlands Production

ID Code (A=Service Ready, B=Not Service Ready) : B | **MDAP/MAIS Code:**

Modification Item 1 of 1: Hardware End Item

Manufacturer Information

Manufacturer Name: L3Harris	Manufacturer Location: Palm Bay, FL
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 9

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Jan 2027	Jan 2028		Jan 2030	Jan 2031
Delivery Dates			Oct 2027	Oct 2028		Oct 2030	Oct 2031

Installation Information

Method of Implementation: Contractor Facility

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	7 / 0.772	12 / 1.358	7 / 0.840	- / -	7 / 0.840	- / -	- / -	- / -	- / -	- / -	26 / 2.970
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.822	- / -	- / -	- / -	- / -	1 / 0.822
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.926	- / -	- / -	- / -	1 / 0.926
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.974	- / -	- / -	1 / 0.974
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.021	- / -	1 / 1.021
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	7 / 0.772	12 / 1.358	7 / 0.840	- / -	7 / 0.840	1 / 0.822	1 / 0.926	1 / 0.974	1 / 1.021	- / -	30 / 6.713

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	5	2	5	2	5	-	6	1	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	0	30
Out	0	-	-	5	2	5	2	5	-	6	1	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	0	30

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** CTRSPC / Counterspace Systems	**Item Number / Title [DODIC]:** Counterspace Systems
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	-	-	8.870	-	8.870
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	-	-	8.870	-	8.870
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**-**	**-**	**8.870**	**-**	**8.870**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*
Hardware - Counterspace Systems Cost																		
Recurring Cost																		
Procure Bounty Hunter	-	-	-	-	-	-	-	-	-	8.870	1	8.870	-	-	-	8.870	1	8.870
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	*8.870*	-	-	-	-	-	*8.870*
Subtotal: Hardware - Counterspace Systems Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***8.870***	**-**	**-**	**-**	**-**	**-**	***8.870***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8.870**	**-**	**-**	**-**	**-**	**-**	**8.870**

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** ESS000 / Evolved Strategic SATCOM (ESS)

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1206855SF	Other Related Program Elements: 1206855F
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	1	1	1	1	3	7
Gross/Weapon System Cost *($ in Millions)*	-	0.000	0.000	0.000	-	0.000	521.572	618.345	666.696	650.533	1,526.000	3,983.146
Less PY Advance Procurement *($ in Millions)*	-	0.000	0.000	0.000	-	0.000	60.000	79.700	0.000	0.000	-	139.700
Net Procurement (P-1) *($ in Millions)*	-	0.000	0.000	0.000	-	0.000	461.572	538.645	666.696	650.533	1,526.000	3,843.446
Plus CY Advance Procurement *($ in Millions)*	-	0.000	0.000	139.700	-	139.700	0.000	0.000	0.000	0.000	-	139.700
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**0.000**	**139.700**	**-**	**139.700**	**461.572**	**538.645**	**666.696**	**650.533**	**1,526.000**	**3,983.146**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	521.572	618.345	666.696	650.533	508.667	569.021

Description:

The Evolved Strategic SATCOM (ESS) Program office is developing the next-generation strategic SATCOM (Projects ESS000, 650014, 650015) for Guardians across the Satellite Communications Mission Area. As a result, the Service will improve readiness and operational reach of existing force structure, integrate Allies, partners, and commercial space to USSF units, and deliver resilient infrastructure, equipment, and personnel.

ESS is the backbone for Joint All Domain Nuclear Command, Control and Communications (NC3). The system will replace Advanced Extremely High Frequency (AEHF) Strategic Satellite Communications (SATCOM) services to provide global, integrated, survivable, resilient, and dynamic ground and satellite communications for assured strategic endurance across the conflict continuum. The ESS program underwent a resiliency architecture shift to address emerging sophisticated threats and to ensure strategic SATCOM capabilities are available to the National Command Authority (NCA), Combatant Commanders, and joint warfighters in any potential future conflict. It will provide the only arctic DoW strategic communication capability across the joint enterprise, and will provide worldwide secure, jam-resistant communications for strategic ground, sea, and air assets. ESS will support existing strategic user terminals in all operational environments.

ESS is acquired and developed in several parallel efforts to accelerate delivery of capability to warfighters by the strategic need date in FY 2032. The ESS System includes a Space Segment (ACAT-I), Ground, and Integration Segment (ACAT-I equiv), and a Crypto Segment (ACAT-III). The Space Segment is a Major Capability Acquisition (MCA) program in the Engineering, Manufacturing and Development Phase. The Ground Segment, also known as GRIFFON - Ground Resilient Integration & Framework for Operational NC3, is comprised of the Ground Integration and Framework (GIF), System of Systems Integration (SoSI), and Mission Software Applications. This enables a resilient and modular cybersecure architecture that bridges the gap between modern software practices and legacy user terminal capability. The GIF/ SoSI is leveraging Software Acquisition Pathway Other Transactional Authority for rapid prototyping of ground software. The ESS Ground Framework creates the cybersecure software development, integration, and operational environments utilizing agile Modular Open Systems Approach (MOSA) principles and onboards hosted external mission applications and services. The SoSI ensures all ESS segments that are acquired in parallel, in addition to external entities, work together to accomplish the mission. Additional mission-unique capabilities, like In-Band Command and Control (C2), Out-of-Band C2, Strategic Mission Planning, Test, Evaluation, Training, and other similar mission capabilities will be acquired modularly as applications that will be hosted on the ESS Ground Framework. The Crypto Segment is focused on the development, integration and testing of National Security Agency (NSA)-certified End-Cryptographic Units (ECUs) that are required for secure strategic communications encryption in the ESS payloads, bus, test terminals, and user terminals.

The modular acquisition approach allows the program to avoid vendor lock in all segments and creates opportunities for industry competition and teaming with small innovative non-traditional partners for the Ground Segment on the Space Enterprise Consortium (SpEC) Other Transactional Authority (OTA). SpEC requires ESS ground segment primary contractors that are developing software to utilize small

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	P-1 Line Item Number / Title: ESS000 / Evolved Strategic SATCOM (ESS)	
ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1206855SF	Other Related Program Elements: 1206855F
Line Item MDAP/MAIS Code: N/A		

businesses for significant portion of the prototyping work, allowing the program to integrate innovative practices, increase agility, reduce costs and development lifecycles, while also expanding the resilient and strategic SATCOM capabilities.

The ESS system adheres to NC3 classification requirements. ESS will meet the requirements for strategic communications and capability gaps identified in the Protected Satellite Communications Services Analysis of Alternatives (AoA), the Protected Follow-on for Resiliency Study and the Strategic Tiger Team. The ESS architecture and functionality will be designed in accordance with the United States Strategic Command's signed ESS Concept of Operations and the Joint Requirements Oversight Council's validated Capability Development Document satisfying the legacy Advanced Extremely High Frequency (AEHF) strategic requirements and mission performance with enhancements for increased resiliency and cybersecurity. The ESS system will satisfy emerging requirements using modular open system approaches to support incremental enhancements.

This program falls within the Satellite Communications (SATCOM) mission area which provides the space and dedicated ground architecture required to securely transport wideband, narrowband, tactical, and strategic satellite communications, including USSF-funded SATCOM terminals and commercial SATCOM activities. Space Force investment program interdependencies include:
RDT&E Budget Line Items: Advanced EHF MILSATCOM (1206431SF); Commercial SATCOM Integration (1206445SF); Evolved Strategic SATCOM (ESS) (1206855SF); Family of Adv BLoS Terminals (FAB-T) (1203001SF); Narrowband Satellite Communications (1203109SF); Protected Tactical Enterprise Service (1206760SF); Protected Tactical Service (1206761SF; Space Tech Development & Prototyping (1206410SF); Tech Transition (Space) (1206458SF); Wideband Global SATCOM (SPACE) (1206433SF); Data Transport and Networking (1203156SF); Space Data Network (1203636SF); and elements of Procurement Budget Line Items: Family of Beyond Line-of-Sight Terminals (FBLOST); Mobile User Objective System (MUOS00); MILSATCOM (MILSAT); Wideband SATCOM Operational Management Systems (WSOMS0); Auxiliary Payloads (AUX000); Proliferated Low Earth Orbit SATCOM (PLEO00); PTES HUB (PTES00); ESS (ESS000)

Advanced Procurement funds will be used in FY 2027. These are critical long lead parts for ESS Space Vehicles 3 and 4 in order to maintain the production schedule of ESS Space Vehicles and achieve initial operational capability by FY 2032. NC3 compliant military system components require extensive supplier and parts testing that increase the time between ordering and final delivery.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** ESS000 / Evolved Strategic SATCOM (ESS)

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1206855SF	Other Related Program Elements: 1206855F

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Evolved Strategic SATCOM (ESS)	P-5a	B		- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 0.000**	**- / 0.000**	**- / 0.000**	**- / -**	**- / 0.000**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
This program is a new start.

FY 2027 Advanced Procurement funds critical long lead parts for ESS Space Vehicle 3 and 4. These parts are crucial to reducing risk to early Assembly, Integration, and Test (AI&T) activities and for maintaining the production schedule of ESS Space Vehicles to achieve initial operational capability by FY 2032. FY 2027 critical long lead purchases include field programmable gate arrays, printed circuit boards, antenna components, and other electronic components that are in high demand. Long lead parts will require up to three years of lead time or longer between order of parts and delivery. The US Defense Industrial base requires adequate time to ramp up manufacturing lines and technical workforce skillsets to meet nuclear modernization initiative set by the US Government and Department of War.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** ESS000 / Evolved Strategic SATCOM (ESS)	**Item Number / Title [DODIC]:** Evolved Strategic SATCOM (ESS)
ID Code (A=Service Ready, B=Not Service Ready) : B	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	0.000	0.000	-	0.000
Less PY Advance Procurement *($ in Millions)*	-	0.000	0.000	0.000	-	0.000
Net Procurement (P-1) *($ in Millions)*	-	0.000	0.000	0.000	-	0.000
Plus CY Advance Procurement *($ in Millions)*	-	0.000	0.000	139.700	-	139.700
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**0.000**	**139.700**	**-**	**139.700**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Space Vehicle - Evolved Strategic SATCOM (ESS) Cost																		
Recurring Cost																		
ESS Enterprise SE&I	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
ESS Technical Mission Analysis	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Recurring Cost	-	-	-	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	-	-	-	*0.000*
Subtotal: Space Vehicle - Evolved Strategic SATCOM (ESS) Cost	**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***0.000***
Support - Evolved Strategic SATCOM (ESS) Cost																		
FFRDC	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
A&AS	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Other Support	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Support - Evolved Strategic SATCOM (ESS) Cost	**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***0.000***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**-**	**-**	**-**	**0.000**

Exhibit P-5a, Procurement History and Planning: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: ESS000 / Evolved Strategic SATCOM (ESS)	Item Number / Title [DODIC]: Evolved Strategic SATCOM (ESS)

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ M)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Advance Procurement												
ESS Long Lead Parts: Space Vehicle 3 parts		2027	Classifed / NA	Various	SSC, LA AFB, CA	Oct 2026	Nov 2027	1	60.000	N	Sep 2026	
ESS Long Lead Parts: Space Vehicle 4 parts		2027	Classifed / NA	Various	SSC, LA AFB, CA	Oct 2026	Nov 2027	1	79.700	N	Sep 2026	

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** ESS000 / Evolved Strategic SATCOM (ESS)
Program Elements for Code B Items: 1206855SF	**Other Related Program Elements:** 1206855F
Line Item MDAP/MAIS Code: N/A	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Gross/Weapon System Cost *($ in Millions)*	-	0.000	0.000	139.700	-	139.700	0.000	0.000	0.000	0.000	-	139.700
Net Procurement (P-1) *($ in Millions)*	-	0.000	0.000	139.700	-	139.700	0.000	0.000	0.000	0.000	-	139.700
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**0.000**	**139.700**	**-**	**139.700**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**139.700**

Description:

ESS is the backbone for Joint All Domain Nuclear Command, Control and Communications (NC3). The system will replace Advanced Extremely High Frequency (AEHF) Strategic Satellite Communications (SATCOM) services to provide global, integrated, survivable, resilient, and dynamic ground and satellite communications for assured strategic endurance across the conflict continuum. The ESS program underwent a resiliency architecture shift to address emerging sophisticated threats and to ensure strategic SATCOM capabilities are available to the National Command Authority (NCA), Combatant Commanders, and joint warfighters in any potential future conflict. It will provide the only arctic DoW strategic communication capability across the joint enterprise, and will provide worldwide secure, jam-resistant communications for strategic ground, sea, and air assets. ESS will support existing strategic user terminals in all operational environments.

ESS is acquired and developed in several parallel efforts to accelerate delivery of capability to warfighters by the strategic need date in FY 2032. The ESS System includes a Space Segment (ACAT-I), Ground, and Integration Segment (ACAT-I equiv), and a Crypto Segment (ACAT-III). The Space Segment is a Major Capability Acquisition (MCA) program in the Engineering, Manufacturing and Development Phase. The Ground Segment, also known as GRIFFON - Ground Resilient Integration & Framework for Operational NC3, is comprised of the Ground Integration and Framework (GIF), System of Systems Integration (SoSI), and Mission Software Applications. This enables a resilient and modular cybersecure architecture that bridges the gap between modern software practices and legacy user terminal capability. The GIF/ SoSI is leveraging Software Acquisition Pathway Other Transactional Authority for rapid prototyping of ground software. The ESS Ground Framework creates the cybersecure software development, integration, and operational environments utilizing agile Modular Open Systems Approach (MOSA) principles and onboards hosted external mission applications and services. The SoSI ensures all ESS segments that are acquired in parallel, in addition to external entities, work together to accomplish the mission. Additional mission-unique capabilities, like In-Band Command and Control (C2), Out-of-Band C2, Strategic Mission Planning, Test, Evaluation, Training, and other similar mission capabilities will be acquired modularly as applications that will be hosted on the ESS Ground Framework. The Crypto Segment is focused on the development, integration and testing of National Security Agency (NSA)-certified End-Cryptographic Units (ECUs) that are required for secure strategic communications encryption in the ESS payloads, bus, test terminals, and user terminals.

The modular acquisition approach allows the program to avoid vendor lock in all segments and creates opportunities for industry competition and teaming with small innovative non-traditional partners for the Ground Segment on the Space Enterprise Consortium (SpEC) Other Transactional Authority (OTA). SpEC requires ESS ground segment primary contractors that are developing software to utilize small businesses for significant portion of the prototyping work, allowing the program to integrate innovative practices, increase agility, reduce costs and development lifecycles, while also expanding the resilient and strategic SATCOM capabilities.

The ESS system adheres to NC3 classification requirements. ESS will meet the requirements for strategic communications and capability gaps identified in the Protected Satellite Communications Services Analysis of Alternatives (AoA), the Protected Follow-on for Resiliency Study and the Strategic Tiger Team. The ESS architecture and functionality will be designed in accordance with the United States Strategic Command's signed ESS Concept of Operations and the Joint Requirements Oversight Council's validated Capability Development Document satisfying the legacy Advanced Extremely High Frequency (AEHF) strategic requirements and mission performance with enhancements for increased resiliency and cybersecurity. The ESS system will satisfy emerging requirements using modular open system approaches to support incremental enhancements.

Advanced Procurement funds will be used in FY 2027. These are critical long lead parts for ESS Space Vehicles 3 and 4 in order to maintain the production schedule of ESS Space Vehicles and achieve initial operational capability by FY 2032. NC3 compliant military system components require extensive supplier and parts testing that increase the time between ordering and final delivery.

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** ESS000 / Evolved Strategic SATCOM (ESS)
Program Elements for Code B Items: 1206855SF	**Other Related Program Elements:** 1206855F
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule				Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-10	Evolved Strategic SATCOM (ESS)			- / -	- / 0.000	- / 0.000	- / 139.700	- / -	- / 139.700
P-40	**Total Gross/Weapon System Cost**			**- / -**	**- / 0.000**	**- / 0.000**	**- / 139.700**	**- / -**	**- / 139.700**

*Title represents the P-10 Title for Advance Procurement.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
ESS Advance Procurement is an FY 2027 new start.

FY 2027 Advanced Procurement funds critical long lead parts for ESS Space Vehicle 3 and 4. These parts are crucial to reducing risk to early AI&T and for maintaining the production schedule of ESS Space Vehicles to achieve initial operational capability by FY 2032. FY 2027 critical long lead purchases include field programmable gate arrays, printed circuit boards, antenna components, and other electronic components that are in high demand. Some long lead parts will require up to three years of lead time between order of parts and delivery. The US Defense Industrial base requires adequate time to ramp up manufacturing lines and technical workforce skillsets to meet nuclear modernization initiative set by the US Government and Department of War.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** ESS000 / Evolved Strategic SATCOM (ESS)	**P-5 Number / Title:** Evolved Strategic SATCOM (ESS)

First System (2027) Award Date:	First System (2027) Completion Date:	Interval Between Systems:
June 2025	September 2030	1 Months

Evolved Strategic SATCOM (ESS)	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2025 *(Each)*	FY 2026 *(Each)*	FY 2027 *(Each)*
Quantity	18	-	-	-	-

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2025 *($ M)*	FY 2026 *($ M)*	FY 2027 *($ M)*
Other					
ESS Long Lead Parts: Space Vehicle 3 parts (†)	36	-	-	-	60.000
ESS Long Lead Parts: Space Vehicle 4 parts (†)	36	-	-	-	79.700
Total: Other		-	-	-	*139.700*
Total Advance Procurement/Obligation Authority		**-**	**0.000**	**0.000**	**139.700**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** ESS000 / Evolved Strategic SATCOM (ESS)	**P-5 Number / Title:** Evolved Strategic SATCOM (ESS)

Cost Elements	QPA *(Each)*	FY 2027					
		Production Leadtime *(Months)*	Unit Cost *($ M)*	Contract Forecast Date	2027 Qty *(Each)*	For FY	Total Cost Request *($ M)*
Other							
ESS Long Lead Parts: Space Vehicle 3 parts (†)	-	0	60.000	Oct 2026	1		60.000
ESS Long Lead Parts: Space Vehicle 4 parts (†)	-	0	79.700	Oct 2026	1		79.700
Total: Other							*139.700*
Total Advance Procurement/Obligation Authority							**139.700**

Description:
Due to classification level concerns, the "When Required", "Unit Cost", and "2027 Qty Each" fields for Long Lead Parts: Space Vehicles 3 and 4 are not provided in this document. Additional details will be provided through appropriate channels.

FY 2027 funding procures critical long lead parts for ESS Space Vehicles 3 and 4. These parts are crucial for maintaining the production schedule of ESS Space Vehicles to achieve initial operational capability by FY 2032. Examples of critical long lead parts for the ESS Space Vehicles include field programmable gate arrays (FPGAs), printed circuit boards, antenna components, and other electronic components that are in high demand. Some long lead parts will require up to three years of lead time between order of parts and delivery. The US Defense Industrial base requires adequate time to ramp up manufacturing lines and technical workforce skillsets to meet nuclear modernization initiative set by the US Government and Department of War.

(†) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** FBLOST / Family of Beyond Line-of-Sight Terminals

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203001SF	Other Related Program Elements: 0303001F, 0303601F, 1203001F
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	20.717	15.404	0.000	-	0.000	0.000	0.000	0.000	0.000	-	36.121
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	20.717	15.404	0.000	-	0.000	0.000	0.000	0.000	0.000	-	36.121
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**20.717**	**15.404**	**0.000**	**-**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**36.121**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Activities funded in this program element continue to pay for AN/USQ-225 modernization and integration into multiple legacy systems, other ongoing NC3 acquisition programs, and future capabilities for the overall AF NC3 WS.

The Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) Command Post Terminals (CPT) program replaces legacy Milstar terminals and will provide Extremely High Frequency (EHF), protected high data rate communication for nuclear and conventional forces to include Presidential and National Voice Conferencing (PNVC).

FAB-T CPT provides a new, highly secure, state-of-the-art capability for Department of War (DoW) platforms to include strategic platforms and airborne/ground command posts via Milstar, Advanced EHF (AEHF), and Evolved Strategic SATCOM (ESS) satellite constellations. FAB-T CPTs will also support the critical command and control (C2) of the Milstar, AEHF, and ESS satellite constellations. In June 2014, the Department of the Air Force down-selected to Raytheon for production of FAB-T CPT. Production contract options to produce CPT terminals were exercised after a successful Milestone C decision was approved September 1, 2015. In FY 2019, the FAB-T Program Management Office executed the final Low Rate Initial Production (LRIP) procurement to complete the total of 84 LRIP CPTs on contract. In FY 2027, FAB-T CPT will continue to pursue activities that ensure FAB-T CPT terminal interoperability with the full AEHF satellite constellation. Transitioning to sustainment in December 2027.

The Presidential and National Voice Conferencing (PNVC) Integrator project is a critical element of the Nuclear Command, Control, and Communications (NC3) System. PNVC integrator replaces the Survivable Emergency Conferencing Network (SECN) capability, and will provide anti-jam, anti-scintillation, survivable, and enduring voice communications via the AEHF and ESS satellite constellations for national and strategic users. Equipment upgrades required for this system include the development and production of several new components by other organizations, including the Baseband Interface Group (BIG) and Multi-Stream Summing Device (MSD III) for airborne users and the Baseband Kit (BBK) / PNVC Equipment enclosure for mobile users.

The PNVC Integrator is responsible for all program elements and funding, including those related to the Defense Information Systems Agency (DISA) and National Security Agency (NSA) components of the PNVC system, in accordance with the transfer directed in the FY 2018 National Defense Authorization Act, Sec. 1661. PNVC funds were transferred from DISA to the Department of the Air Force (DAF) beginning in FY 2021, and the PNVC Integrator will continue to procure remaining PNVC equipment until all fielding is complete. In October 2021, PNVC completed Milestone B/C.

FAB-T CPT was reflected in previous Program Exhibits in the Prior Years through FY 2014 - 2020. PNVC was reflected in previous Program Exhibits in the Prior Years through FY 2015 - 2020. Funding for this exhibit is contained in PE 1203001SF.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** FBLOST / Family of Beyond Line-of-Sight Terminals	
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 1203001SF	**Other Related Program Elements:** 0303001F, 0303601F, 1203001F
Line Item MDAP/MAIS Code: N/A		

Justification:

No FY27 funds are requested in the Appropriation 3022 FBLOST program line, as this program has transferred in FY 2027 to the Air Force's Other Procurement (Appn 3080) line item 834210).

Note: the detailed justification for FY27 funding should be in the 3080 J-book.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** FET000 / FABT FORCE ELEMENT TERMINAL

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 1203001SF

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	206.702	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	206.702
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	206.702	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	206.702
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**206.702**	**0.000**	**0.000**	**-**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**206.702**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) Force Element Terminal (FET) program was transferred from Space Force (PE 1203001SF / WSC FET000 / Appropriation 3022 / PSF) to Air Force (PE 0303131F / WSC CVR000 / Appropriation 3010 / APAF). Transfer Memo signed by the Space Force and Air Force Service Acquisition Executives (SAEs) on 12 Nov 2024.

Activities funded in this program continue to pay for AN/USQ-225 weapons system (WS) modernization, integration into multiple legacy systems, other ongoing Nuclear Command, Control and Communications (NC3) acquisition programs, and future capabilities for the overall AF NC3 WS.

FAB-T FET replaces the Ultra High Frequency (UHF) Milstar terminals and provides secure, protected, and survivable communications for the strategic warfighter through airborne-based Military Satellite Communication (MILSATCOM) terminals. The FAB-T FET will provide worldwide nuclear and non-nuclear, survivable, anti-jam Low Probability of Detect (LPD)/Low Probability of Intercept (LPI) data and voice communications. The FAB-T FET will be interoperable with Advanced Extremely High Frequency (AEHF), Enhanced Polar Systems - Recapitalization (EPS-R), and satellite constellations utilizing waveforms that will be installed on the B-52 aircraft (threshold).

The FAB-T FET development program was executed as a Middle Tier of Acquisition (MTA) under R-1 Program Element 1203001SF, Family of Advanced BLoS Terminals (FAB-T). The program is planned to transition to the Major Capability Acquisition (MCA) Pathway at conclusion of MTA. This budget line provides funding for the follow-on production portion of the program.

Funding for this exhibit is contained in PE 1203001SF.

Justification:

No Fiscal Year 2027 funds are requested in the Procurement, Space Force (Appropriation 3022) FET000 program line, due to the program's FY 2026 transfer to the Air Force's Aircraft Procurement, Air Force (Appropriation 3010) line item CVR000.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GAP000 / Wideband Gapfiller Satellites(Space)

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	10.020	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	10.020
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	10.020	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	10.020
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**10.020**	**0.000**	**0.000**	**-**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**10.020**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Wideband Global SATCOM (WGS) System provides the DoW with high data rate Military Satellite Communication (MILSATCOM) services in accordance with the Joint Space Management Board-approved MILSATCOM architecture (August 1996), the Joint Requirements Oversight Council (JROC)-approved MILSATCOM Capstone Requirements Document (October 1997), and JROC-approved WGS Operational Requirements Document (May 2000). This program was originally conceived to augment the near-term "bandwidth gap" in warfighter communications needs. Dual-frequency WGS satellites augment, then replace the DoW's Defense Satellite Communications System X-band service and augment one-way Global Broadcast Service Ka-band capabilities. In addition, WGS provides a high-capacity two-way Ka-band service. Funding for this effort is to develop WGS-11 & 12 modern digital payloads ready for launch in CY 2026 and CY 2027, respectively, which will increase the availability of military-grade communications by providing more coverage beams than their existing WGS predecessors combined and delivering twice the operational capacity than previous WGS analog satellites.

The advanced WGS-11 & 12 payloads under development will produce more coverage beams (over 1500) than the entire existing WGS constellation and deliver twice the mission capacity than WGS-10 can, thereby operationally increase the availability of military-grade communications.

WGS Block I consists of satellites 1-3, Block II consists of satellites 4-6 and Block II Follow-on (B2FO) includes satellites 7-12. WGS satellites 1-10 have been funded, procured and launched in previous budget cycles. WGS-11 hosts the Protected Tactical SATCOM (PTS) anti-jam payload, funded under the PTS program, PE 1206761SF. WGS-12 is an addition to the B2FO contract, including PTS as a hosted payload.

This program falls within the Satellite Communications (SATCOM) mission area which provides the space and dedicated ground architecture required to securely transport wideband, narrowband, tactical, and strategic satellite communications, including USSF-funded SATCOM terminals and commercial SATCOM activities. Program interdependencies include: Advanced EHF MILSATCOM (1206431SF); Commercial SATCOM Integration (1206445SF); Evolved Strategic SATCOM (ESS) (1206855SF); Family of Adv BLoS Terminals (FAB-T) (1203001SF); MILSATCOM Terminals (1203601SF); Narrowband Satellite Communications (1203109SF); Polar MILSATCOM (SPACE)1206432SF); Protected Tactical Enterprise Service (1206760SF); Protected Tactical Service (1206761SF); SATCOM O&M (1203605SF); Space Tech Development & Prototyping (1206410SF); Tech Transition (Space) (1206458SF); Wideband Global SATCOM (SPACE) (1206433SF); Wideband Global System Satellites (1203600SF).

The current B2FO Acquisition Program Baseline (APB) allows for procurement of a WGS-12 the acquisition is a Firm Fixed Price (FFP) effort beginning in FY 2024 with integration of PTS in CY 2026 and launch in CY 2027. A mix of USSF and International Partner (IP) sources will cover launch, ground, and other Government costs.

IPs receive constellation-wide WGS resources commensurate with their financial contributions to the WGS system. Investment from IPs to cooperatively enhance the system started in November 2007 through a bilateral Memorandum of Understanding (MOU) with Australia to fund WGS space vehicle (SV)-6, launch and launch services. Five countries signed a new multilateral WGS MOU in CY 2012 and funded the

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GAP000 / Wideband Gapfiller Satellites(Space)	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

procurement of WGS SV-9. In CY 2017, Amendment One to the WGS MOU leveraged additional funding for resiliency enhancements from two new IPs (Czech Republic and Norway). There is an International Agreement via the State Department regarding IP collaboration with WGS-11. In May 2022, nine countries signed Amendment Two to the multilateral MOU (adds Belgium and United Kingdom) to cover necessary ground upgrades and launch costs for WGS-11 not covered by the FY 2018 Congressional add, and extends the duration of the WGS MOU, as amended, through September 2039. Space Systems Command (SSC) provides program management, integration, and engineering expertise through FY 2028. Discussions for potential future partnerships regarding the WGS program continue in support of National Space Policy and improved operational efficiency.

Funding for this exhibit is contained in PE 1203600SF.

Justification:
No FY 2027 funding is requested.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GMTI00 / Ground Moving Target Indicator (GMTI)

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203155SF	Other Related Program Elements: 1203155SF

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	154.500	1,051.612	-	1,051.612	321.600	569.000	543.316	15.830	-	2,655.858
Less PY Advance Procurement *($ in Millions)*	-	0.000	0.000	35.000	-	35.000	0.000	0.000	0.000	0.000	-	35.000
Net Procurement (P-1) *($ in Millions)*	-	0.000	154.500	1,016.612	-	1,016.612	321.600	569.000	543.316	15.830	-	2,620.858
Plus CY Advance Procurement *($ in Millions)*	-	0.000	35.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	35.000
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**189.500**	**1,016.612**	**-**	**1,016.612**	**321.600**	**569.000**	**543.316**	**15.830**	**-**	**2,655.858**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The program office is developing the space-based Ground Moving Target Indicator for Guardians across Global Mission Operations. As a result, the Service will improve battle management of all weapon systems and deter, neutralize, defeat and/or destroy counterspace threats and defend the homeland while providing principled public servants, space-minded warfighters, and bold and collaborative problem solvers.

The space-based Ground Moving Target Indicator provides resources to acquire the next generation radar satellite system, providing resilient day-night, all weather detection, tracking, and imagery of ground and maritime targets. The space-based GMTI focuses on improving target detection, custody, and sensor-to-shooter timelines necessary for dynamic targeting and long-range strike within highly contested and non-permissive environments. The Space Force is working collaboratively with the military services, Combatant Commands, and the Intelligence Community to deliver and field space-based GMTI.

Additional details are available at a higher classification level.

This program falls within the Combat Power mission area which provides the systems required to protect and defend space-based capabilities and ensure space superiority by enabling and executing combat operations in space. Space Force investment program interdependencies include:
RDT&E Budget Line Items: Counterspace Systems (1206421SF); Space-Based Moving Target Indicator (1203155SF); Long Range Kill Chains (1203154SF); Space Control Technology (1206438SF); Space Superiority ISR (1203330SF) and elements of Procurement Budget Line Items: Space Mods (SPCMOD); Space Based Air Moving Target Indicator (AMTI00); Counterspace Systems (CTRSPC)

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GMTI00 / Ground Moving Target Indicator (GMTI)

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203155SF	Other Related Program Elements: 1203155SF

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Ground Moving Target Indicator (GMTI)		B		- / -	- / 0.000	- / 154.500	- / 1,051.612	- / -	- / 1,051.612
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 0.000**	**- / 154.500**	**- / 1,051.612**	**- / -**	**- / 1,051.612**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 funds procurement of GMTI space vehicles and supporting long lead materials.

This budget requests multi-year, block buy contracting authority to enter into a contract for the procurement and production of a block of space vehicles within a specified time period to maintain a steady production cadence while minimizing costs and supporting vendor stability. This procurement approach is critical to delivering capabilities that satisfy Combatant Command need dates specified in the project's Capabilities Requirements Document. Additionally, this procurement approach aligns with National Security and Defense Strategies by maintaining U.S. leadership in space, building and sustaining resilient supply chains, and strengthening deterrence.

Additional details are available at a higher classification level.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GMTI00 / Ground Moving Target Indicator (GMTI)	**Item Number / Title [DODIC]:** Ground Moving Target Indicator (GMTI)
ID Code (A=Service Ready, B=Not Service Ready) : B		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	154.500	1,051.612	-	1,051.612
Less PY Advance Procurement *($ in Millions)*	-	0.000	0.000	35.000	-	35.000
Net Procurement (P-1) *($ in Millions)*	-	0.000	154.500	1,016.612	-	1,016.612
Plus CY Advance Procurement *($ in Millions)*	-	0.000	35.000	0.000	-	0.000
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**189.500**	**1,016.612**	**-**	**1,016.612**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Hardware - Ground Moving Target Indicator (GMTI) Cost																		
Non Recurring Cost																		
Material Purchases	-	-	-	-	-	-	-	-	0.000	-	-	241.786	-	-	-	-	-	241.786
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	*0.000*	-	-	*241.786*	-	-	-	-	-	*241.786*
Subtotal: Hardware - Ground Moving Target Indicator (GMTI) Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***241.786***	**-**	**-**	**-**	**-**	**-**	***241.786***
Space Vehicle - Ground Moving Target Indicator (GMTI) Cost																		
Recurring Cost																		
Space Vehicles	-	-	-	-	-	0.000	-	-	154.500	-	-	809.826	-	-	-	-	-	809.826
Subtotal: Recurring Cost	-	-	-	-	-	*0.000*	-	-	*154.500*	-	-	*809.826*	-	-	-	-	-	*809.826*
Subtotal: Space Vehicle - Ground Moving Target Indicator (GMTI) Cost	**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***154.500***	**-**	**-**	***809.826***	**-**	**-**	**-**	**-**	**-**	***809.826***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**0.000**	**-**	**-**	**154.500**	**-**	**-**	**1,051.612**	**-**	**-**	**-**	**-**	**-**	**1,051.612**

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GNRLIT / General Information Tech - Space

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203174SF, 1208736SF	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	2.189	1.835	14.895	-	14.895	1.932	1.965	2.005	2.045	-	26.866
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	2.189	1.835	14.895	-	14.895	1.932	1.965	2.005	2.045	-	26.866
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**2.189**	**1.835**	**14.895**	**-**	**14.895**	**1.932**	**1.965**	**2.005**	**2.045**	**-**	**26.866**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program falls within the Science and Technology (S&T) and Test & Evaluation (T&E) mission area which provides the S&T initiatives, demonstrations, experiments, and studies towards developing next-generation space capabilities. The T&E mission area provides all efforts required to establish and operate the test infrastructure for USSF capabilities. Space Force investment program interdependencies include:

RDT&E Budget Line Items: Defense Research Sciences (0601102SF); Major T&E Investments - Space (1206759SF); Small Business Innovation Research (1205502SF); Space Advanced Tech Dev / Demo (1206616SF); Space Innov Intg & Rapid Tech Dev (1203174SF); Space Rapid Capabilities Office (1206857SF); Space Science and Technology (1206310SF); Space Systems Prototype Transition (1206427SF); Space Technology (1206601SF); Space Test and Evaluation (1202051SF); Space Test Program (1206864SF); University Research Initiatives (0601103SF); Operational Test & Training Infrastructure (1206617SF) and elements of Procurement Budget Line Item: General Information Tech - Space (GNRLIT).

Funding for this exhibit is contained in PE 1203174SF, PE 1201000SF, and PE 1206617SF (formerly PE 1208736SF and PE 1208739SF).

PE 1203174SF Space Innovation, Integration and Rapid Technology Development
Located at Peterson Space Force Base, Colorado, the Space Innovation, Integration and Rapid Technology Development (SIIRTD) program supports the U.S. Space Force Analysis Center Advanced Virtual Analysis Capability (AVAC) system, a stand-alone system that provides a crosscutting capability to conduct, support, and report analysis on a myriad of tools, data, models and simulations. AVAC allows leadership to make decisions based on quantifiable operational impacts using various vignettes and studies applied to space and cyber assets. Funding buys system-specific hardware, software, routers, licenses, etc., to maintain the efficiency and compatibility with all current models.

PE 1206617SF Operational Test & Training Infrastructure (formerly PE 1208736SF Range and Adversary before FY 2027)
This effort is executed by the Space Training and Readiness Command (STARCOM) located at Peterson Space Force Base in Colorado Springs. The Program Element enables the Department of War's only Space Test and Training Range, providing joint, service, and coalition customers with a safe and secure environment to support space control technique development and space test, training, and exercise activities. Also enables space aggressor capability which provides the United States Space Force's (USSF) professional adversary force, integrating across domains to ensure allied victory. Aggressors replicate the threat through expertise in multi-domain adversary operations and tactics, education of USSF, United States Air Force, Joint, and Coalition communities on multi-domain threats, as well as execution of

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GNRLIT / General Information Tech - Space	
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 1203174SF, 1208736SF	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

integrated, advanced, and credible multi-domain threat replication operations in exercise and test environments. Provides threat replication across the full spectrum of space and counter space threats, to include Global Positioning System Electronic Attack, Satellite Communication EA, Orbital Warfare, and Adversary SATCOM Network.

PE 1206617SF Operational Test & Training Infrastructure (formerly PE 1208739SF Training and Readiness before FY 2027)
This effort is executed by the Space Training and Readiness Command (STARCOM) located at Peterson Space Force Base in Colorado Springs. As directed by the AF Operational Training Infrastructure 2035 Flight Plan, space training holds a high priority for training capabilities that include a holistic and integrated approach and achieves full-spectrum readiness for space forces. The Distributed Communications Architecture (DCA) within the Distributed Mission Operations provides this technology and allows the USSF to evolve toward more space trainers and simulators that are network capable and able to interact in a synthetic environment with other weapon system trainers and a multi-domain command and control entity, pulling in data from a resilient enterprise ground architecture. The technology within the DCA allows for a distributed combat training environment for warfighters around the globe, remotely, without the need to travel to a dedicated training/exercise site.

PE 1201000SF Space Operations and Planning Support.
This effort is executed by Headquarters Space Force and procures information technology hardware & software infrastructure supporting US European Command Critical Priorities.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GNRLIT / General Information Tech - Space

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203174SF, 1208736SF	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	General Information Tech - Space		B		- / -	- / 2.189	- / 1.835	- / 14.895	- / -	- / 14.895
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 2.189**	**- / 1.835**	**- / 14.895**	**- / -**	**- / 14.895**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

PE 1203174SF SIIRTD FY 2027 (0.469 million) Funding will be used to continue to upgrade hardware and software that is end-of-life to meet security compliance requirements. In additional, funding will continue to support configuration changes to systems requiring equipment procurement for the SIIRTD USSF Virtual Analysis Capability (AVAC) system and other supporting space and cyber modeling & analysis. Also procures Information Technology (IT) hardware and software infrastructure.

PE 1206617SF Operational Test & Training Infrastructure (formerly PE 1208736SF Range and Adversary). FY 2027 (0.299 million) funds in this program provides realistic and relevant threat replication, through Commercial off-the-shelf (COTS) GPS and SATCOM equipment. Current equipment is over 10 years old, failing, antiquated and therefore does not accurately replicate existing adversary threats due to system limitations. Procurement funding will provide a 166% increase SATCOM availability and 120% increase in GPC electronic attack assets used to replicate adversary counter-space operations in support of Joint training audiences. Funds provide recapitalization of five SATCOM equipment assets and eight GPS assets within FY23-25; FY26 and beyond provides a steady-state sustainment and replacement cycle for both SATCOM and GPS assets. Aging equipment will prevent the space aggressors from providing a realistic threat environment and degrade our ability to train joint and coalition partners in a contested, degraded, operationally-limited space environment.

PE 1206617SF Operational Test & Training Infrastructure (formerly PE 1208739SF Training and Readiness). FY 2027 (1.127 million) procures information technology hardware & software infrastructure for the Distributed Communications Architecture (DCA) for the Distributed Mission Operations (DMO) for Space. This system provides a network-based communications capability enabling dispersed space personnel to participate in space exercises, like Space Flag, wargames and advanced space training events. DMO provides a high-fidelity theater synthetic battlespace and world-class exercise control to support joint distributed warfighter training, testing and experimentation across the operational and tactical levels of war. It can also support limited command and control capabilities for space operations.

PE 1201000SF Space Operations and Planning Support. FY 2027 (13.0 million) procures information technology hardware & software infrastructure supporting US European Command Critical Priorities.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GNRLIT / General Information Tech - Space	**Item Number / Title [DODIC]:** General Information Tech - Space
ID Code (A=Service Ready, B=Not Service Ready) : B		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	2.189	1.835	14.895	-	14.895
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	2.189	1.835	14.895	-	14.895
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**2.189**	**1.835**	**14.895**	**-**	**14.895**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Hardware - General Information Tech - Space Cost																		
Non Recurring Cost																		
Hardware and Supporting Software	-	-	-	-	-	2.189	-	-	1.835	-	-	14.895	-	-	-	-	-	14.895
Subtotal: Non Recurring Cost	-	-	-	-	-	*2.189*	-	-	*1.835*	-	-	*14.895*	-	-	-	-	-	*14.895*
Subtotal: Hardware - General Information Tech - Space Cost	**-**	**-**	**-**	**-**	**-**	***2.189***	**-**	**-**	***1.835***	**-**	**-**	***14.895***	**-**	**-**	**-**	**-**	**-**	***14.895***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**2.189**	**-**	**-**	**1.835**	**-**	**-**	**14.895**	**-**	**-**	**-**	**-**	**-**	**14.895**

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203269SF	Other Related Program Elements: 1203269F
Line Item MDAP/MAIS Code: 590		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	7	2	2	2	-	2	2	2	2	2	-	21
Gross/Weapon System Cost *($ in Millions)*	2,065.924	647.165	637.944	680.875	-	680.875	666.783	687.649	696.497	710.465	-	6,793.302
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	2,065.924	647.165	637.944	680.875	-	680.875	666.783	687.649	696.497	710.465	-	6,793.302
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**2,065.924**	**647.165**	**637.944**	**680.875**	**-**	**680.875**	**666.783**	**687.649**	**696.497**	**710.465**	**-**	**6,793.302**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	295.132	323.583	318.972	340.438	-	340.438	333.392	343.825	348.249	355.233	-	323.491

Description:

System Delta 831 is procuring the Global Positioning System III Follow-on (GPS IIIF) for Guardians across Position, Navigation, and Timing. As a result, the Service will improve readiness and operational reach of existing force structure.

This program falls within the Positioning, Navigation, and Timing (PNT) mission area which provides the space and dedicated ground architecture and associated user equipment required to provide PNT services to civil and military users. Space Force investment program interdependencies include:
RDT&E Budget Line Items: GPS III - Operational (1206423SF); GPS III Follow-on (1203269SF); NAVSTAR GPS (Space & Control Seg) (1203165SF); NAVSTAR GPS (User Equipment) (1203164SF); and elements of Procurement Budget Line Items: Space Mods (SPCMOD); GPS III Space Segment (GPSIII); GPSIII Follow On (GPS03C); Global Positioning (Space) (GPSSPC)

The Global Positioning System (GPS) is a space-based navigation system that fills validated Joint Service requirements for worldwide, accurate, common grid, three-dimensional positioning/navigation for military aircraft, ships, and ground personnel. The consistent accuracy, unaffected by location or weather and available in real time, significantly improves effectiveness of reconnaissance, weapons delivery, mine countermeasures and rapid deployment for all services. GPS must comply with Title 10 United States Code (USC) Sec. 2281, which requires that the Secretary of War ensures the continued sustainment and operation of GPS for military and civilian purposes, and 51 USC Sec. 50112, which requires that GPS complies with certain standards and facilitates international cooperation.

The system is composed of three programs: User Equipment (funded under Program Element (PE) 1203164F, 1203164SF), Space (funded under PE 1203165F, 1203265F, 1203265SF, 1203269F, and 1203269SF), and a Control Network (funded under PE 1206423F, 1206423SF and 1203165F). The satellites broadcast high accuracy data using precisely synchronized signals that are received and processed by user equipment installed in military platforms. The user equipment computes the platform position and velocity and provides steering vectors to target locations or navigation waypoints. The control segment provides daily updates to the navigation messages broadcast from the satellites to maintain system precision in three dimensions to 16 meters (spherical error probable) worldwide. Additionally, GPS supports the United States Nuclear Detonation (NUDET) Detection System (USNDS) mission and provides strategic and tactical support to the following Department of War (DoW) missions: Joint Operations by providing capabilities for Positioning, Navigation, and Timing (PNT); Command, Control, Communications, and Intelligence; Special Operations; Military Operations in Urban Terrain; Defense-Wide Mission Support; Air Mobility; and Space Launch Orbital Support.

GPS III Follow On (GPS IIIF) delivers improved satellites beyond the first ten space vehicles (SVs) being delivered by the GPS III program (funded in PE 1203265SF GPS III Space Segment). The GPS IIIF satellites maintain the same capabilities as the GPS III satellites, and also deliver significant enhancements to include: backward compatibility, Unified S-Band interface compliance, integration of hosted payloads including a redesigned USNDS payload, Laser Retro-reflector Array (LRA), Search and Rescue/GPS (SAR/GPS), and Regional Military Protection (RMP) capabilities that provide the ability to deliver high-power

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	P-1 Line Item Number / Title: GPS03C / GPSIII Follow On	
ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203269SF	Other Related Program Elements: 1203269F
Line Item MDAP/MAIS Code: 590		

regional Military Code signals in specific areas of intended effect. Implementation of RMP into the GPS Enterprise requires integration with the ground and user segments, executed by the GPS Next Generation Operational Control System and Military GPS User Equipment programs, respectively. The SAR/GPS payload provided by Canada fills a validated National Search and Rescue Committee requirement to provide an enduring, space-based distress alerting capability to detect, locate, and relay distress alerts to fulfill its responsibilities under international agreements for Search and Rescue. The LRA, built by the Naval Research Lab, is a passive reflector that improves accuracy and provides better ephemeris data. National Geospatial-Intelligence Agency funds the integration costs of the LRA.

GPS IIIF SVs 11 - 12 are in development and expected Available for Launch dates in FY27 and FY28 respectively. Procurement of SVs 13 and 14 was awarded on October 7, 2020. Additionally, the GPS IIIF program office capitalized on a one-time only opportunity for economy of scale acquisition, via an Alternate Buy Strategy, that reduced total production costs with no expected impact to Acquisition Program Baseline milestones or planned on-orbit delivery of the SVs. SVs 15, 16, and 17 were awarded on October 22, 2021. GPS IIIF SVs 18, 19, and 20 were awarded on October 27, 2022. GPS IIIF SVs, 21 and 22 were awarded on May 28, 2025. SVs 23 and 24 will be awarded in FY 2026. SVs 25 and 26 will be procured in FY 2027.

Funding for this exhibit is contained in PE 1203269SF.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203269SF	Other Related Program Elements: 1203269F

Line Item MDAP/MAIS Code: 590

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	GPSIII Follow On	P-5a, P-21	B		7 / 2,065.924	2 / 647.165	2 / 637.944	2 / 680.875	- / -	2 / 680.875
P-40	**Total Gross/Weapon System Cost**				**7 / 2,065.924**	**2 / 647.165**	**2 / 637.944**	**2 / 680.875**	**- / -**	**2 / 680.875**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

FY 2027 funding procures all resources necessary to maintain the current build schedules for the production GPS IIIF SVs13-24 to support the planned GPS IIIF Available for Launch (AFL) dates. Additionally, FY27 funds will procure 2 SVs, SVs 25 and 26. GPS IIIF will continue additional product procurement activities such as upgrading its Electrical Ground Support Equipment (EGSE) to ensure efficient and successful testing of the 12 space vehicles currently on contract and to ensure new security requirements are being met. EGSE is critical to the space vehicle build process providing verification of workmanship and performance before it is launched and placed in operation. These funds will be utilized to maintain the GPS IIIF Flight Software baseline and updates to the simulators due to the larger evolved Bus (eBus) for SVs 13+. GPS IIIF will fund Mission Unique Hardware (MUH) and services for two launch service contracts which SSC Assured Access to Space (SSC/AATS) will award in FY 2026 to support future launch activities. The mission unique items and services are critical to ensuring a successful integration and launch with the launch service providers.

FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On	**Item Number / Title [DODIC]:** GPSIII Follow On
ID Code (A=Service Ready, B=Not Service Ready) : B	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	7	2	2	2	-	2
Gross/Weapon System Cost *($ in Millions)*	2,065.924	647.165	637.944	680.875	-	680.875
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	2,065.924	647.165	637.944	680.875	-	680.875
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**2,065.924**	**647.165**	**637.944**	**680.875**	**-**	**680.875**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	295.132	323.583	318.972	340.438	-	340.438

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*
Space Vehicle - GPSIII Follow On Cost																		
Recurring Cost																		
GPS IIIF SV13-32(†)	255.649	7	1,789.543	272.982	2	545.964	263.995	2	527.991	266.462	2	532.925	-	-	-	266.463	2	532.925
GPS IIIF Other Contract Actions	-	-	19.339	-	-	59.862	-	-	64.942	-	-	75.368	-	-	-	-	-	75.368
GPS IIIF Storage	-	-	-	-	-	-	-	-	-	-	-	7.319	-	-	-	-	-	7.319
GPS IIIF CGR-FFRDC	-	-	-	-	-	-	-	-	0.638	-	-	0.681	-	-	-	-	-	0.681
GPS IIIF Enterprise SE&I	-	-	35.605	-	-	12.369	-	-	16.011	-	-	19.905	-	-	-	-	-	19.905
GPS IIIF Technical Mission Analysis	-	-	28.560	-	-	7.126	-	-	7.875	-	-	6.229	-	-	-	-	-	6.229
GPS IIIF Associated Product Procurement	-	-	5.266	-	-	2.398	-	-	2.744	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*1,878.313*	-	-	*627.719*	-	-	*620.201*	-	-	*642.427*	-	-	-	-	-	*642.427*
Subtotal: Space Vehicle - GPSIII Follow On Cost	**-**	**-**	***1,878.313***	**-**	**-**	***627.719***	**-**	**-**	***620.201***	**-**	**-**	***642.427***	**-**	**-**	**-**	**-**	**-**	***642.427***
Space Vehicle - Resilient GPS Cost																		
Non Recurring Cost																		
Resilient GPS	-	-	40.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	*40.000*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Space Vehicle - Resilient GPS Cost	**-**	**-**	***40.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Checkout and Launch - GPSIII Follow On Cost																		

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: GPS03C / GPSIII Follow On	Item Number / Title [DODIC]: GPSIII Follow On
ID Code (A=Service Ready, B=Not Service Ready) : B		MDAP/MAIS Code:

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
GPS IIIF Launch Readiness	-	-	-	-	-	-	-	-	4.500	-	-	6.955	-	-	-	-	-	6.955
GPS IIIF Orbit Operations Support	-	-	-	-	-	-	-	-	-	-	-	9.203	-	-	-	-	-	9.203
GPS IIIF Launch Vehicle Integration	-	-	-	-	-	-	-	-	-	-	-	7.754	-	-	-	-	-	7.754
Subtotal: Checkout and Launch - GPSIII Follow On Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***4.500***	**-**	**-**	***23.912***	**-**	**-**	**-**	**-**	**-**	***23.912***
Support - GPSIII Follow On Cost																		
GPS IIIF FFRDC	-	-	27.854	-	-	2.888	-	-	2.932	-	-	2.708	-	-	-	-	-	2.708
GPS IIIF A&AS	-	-	116.910	-	-	15.869	-	-	10.081	-	-	11.578	-	-	-	-	-	11.578
GPS IIIF Other Support	-	-	2.847	-	-	0.689	-	-	0.230	-	-	0.250	-	-	-	-	-	0.250
Subtotal: Support - GPSIII Follow On Cost	**-**	**-**	***147.611***	**-**	**-**	***19.446***	**-**	**-**	***13.243***	**-**	**-**	***14.536***	**-**	**-**	**-**	**-**	**-**	***14.536***
Gross/Weapon System Cost	**295.132**	**7**	**2,065.924**	**323.583**	**2**	**647.165**	**318.972**	**2**	**637.944**	**340.438**	**2**	**680.875**	**-**	**-**	**-**	**340.438**	**2**	**680.875**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: GPS03C / GPSIII Follow On	Item Number / Title [DODIC]: GPSIII Follow On

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ M)	Specs Avail Now?	Date Revision Available	RFP Issue Date
GPS IIIF SV13-32(†)		2021	Lockheed Martin / Littleton, CO	C / FPIF	SSC, LA AFB, CA	Oct 2020	Apr 2028	2	277.083	N	Sep 2020	
GPS IIIF SV13-32(†)		2022	Lockheed Martin / Littleton, CO	C / FPIF	SSC, LA AFB, CA	Oct 2021	Dec 2028	3	257.575	N	Sep 2021	
GPS IIIF SV13-32(†)		2023	Lockheed Martin / Littleton, CO	C / FPIF	SSC, LA AFB, CA	Oct 2022	Dec 2029	2	271.524	N	Sep 2022	
GPS IIIF SV13-32(†)		2025	Lockheed Martin / Littleton, CO	C / FPIF	SSC, LA AFB, CA	May 2025	Mar 2031	2	272.982	N	Sep 2024	
GPS IIIF SV13-32(†)		2026	Lockheed Martin / Littleton, CO	C / FPIF	SSC, LA AFB, CA	Apr 2026	Oct 2032	2	263.995	N	Sep 2025	
GPS IIIF SV13-32(†)		2027	Lockheed Martin / Littleton, CO	C / FPIF	SSC, LA AFB, CA	Oct 2026	Mar 2033	2	266.462	N	Sep 2026	

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On	**Item Number / Title [DODIC]:** GPSIII Follow On

Cost Elements (Units in Each)							Fiscal Year 2021												Fiscal Year 2022												BALANCE
										Calendar Year 2021														Calendar Year 2022										
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
GPS IIIF SV13-32																															
	1	2021	AF	2	0	2	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2022	AF	3	0	3													A -	-	-	-	-	-	-	-	-	-	-	-	3
	1	2023	AF	2	0	2																									2
	1	2025	AF	2	0	2																									2
	1	2026	AF	2	0	2																									2
	1	2027	AF	2	0	2																									2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On	**Item Number / Title [DODIC]:** GPSIII Follow On

Cost Elements (Units in Each)							Fiscal Year 2023												Fiscal Year 2024											BALANCE
										Calendar Year 2023														Calendar Year 2024								
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
GPS IIIF SV13-32																														
	1	2021	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2022	AF	3	0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	1	2023	AF	2	0	2	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2025	AF	2	0	2																								2
	1	2026	AF	2	0	2																								2
	1	2027	AF	2	0	2																								2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On	**Item Number / Title [DODIC]:** GPSIII Follow On

Cost Elements (Units in Each)							Fiscal Year 2025												Fiscal Year 2026											BALANCE
										Calendar Year 2025														Calendar Year 2026								
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
GPS IIIF SV13-32																														
	1	2021	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2022	AF	3	0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	1	2023	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2025	AF	2	0	2								A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2026	AF	2	0	2																			A	-	-	-	-	-	2
	1	2027	AF	2	0	2																									2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On	**Item Number / Title [DODIC]:** GPSIII Follow On

Cost Elements (Units in Each)							Fiscal Year 2027													Fiscal Year 2028											BALANCE
							Calendar Year 2027													Calendar Year 2028											
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
GPS IIIF SV13-32																															
	1	2021	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1		0
	1	2022	AF	3	0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	1	2023	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2025	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2026	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2027	AF	2	0	2	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On	**Item Number / Title [DODIC]:** GPSIII Follow On

Cost Elements (Units in Each)							Fiscal Year 2029												Fiscal Year 2030												BALANCE
							Calendar Year 2029												Calendar Year 2030													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2028	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
GPS IIIF SV13-32																															
	1	2021	AF	2	2	0																									0
	1	2022	AF	3	0	3	-	-	1	-	-	-	1	-	-	-	1															0
	1	2023	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1							0
	1	2025	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2026	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2027	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On	**Item Number / Title [DODIC]:** GPSIII Follow On

Cost Elements (Units in Each)							Fiscal Year 2031												Fiscal Year 2032												BALANCE
							Calendar Year 2031												Calendar Year 2032													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2030	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
GPS IIIF SV13-32																															
	1	2021	AF	2	2	0																									0
	1	2022	AF	3	3	0																									0
	1	2023	AF	2	2	0																									0
	1	2025	AF	2	0	2	-	-	-	-	-	1	-	-	-	-	-	1													0
	1	2026	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2027	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On	**Item Number / Title [DODIC]:** GPSIII Follow On

Cost Elements (Units in Each)							Fiscal Year 2033												Fiscal Year 2034												BALANCE
							Calendar Year 2033												Calendar Year 2034													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2032	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
GPS IIIF SV13-32																															
	1	2021	AF	2	2	0																									0
	1	2022	AF	3	3	0																									0
	1	2023	AF	2	2	0																									0
	1	2025	AF	2	2	0																									0
	1	2026	AF	2	0	2	1	-	-	-	-	-	1																		0
	1	2027	AF	2	0	2	-	-	-	-	-	1	-	-	-	-	-	1													0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPS03C / GPSIII Follow On	**Item Number / Title [DODIC]:** GPSIII Follow On

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Lockheed Martin - Littleton, CO	1	2	4	0	1	77	78	0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GPSIII / GPS III Space Segment

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203265SF	Other Related Program Elements: 1203265F
Line Item MDAP/MAIS Code: 590		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	292.280	54.805	29.274	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	376.359
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	292.280	54.805	29.274	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	376.359
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**292.280**	**54.805**	**29.274**	**0.000**	**-**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**376.359**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Global Positioning System (GPS) is a space-based navigation system that fills validated Joint Service requirements for worldwide, accurate, common grid three-dimensional positioning/navigation for military aircraft, ships, and ground personnel. The consistent accuracy, unaffected by location or weather and available in real time, significantly improves effectiveness of reconnaissance, weapons delivery, mine countermeasures and rapid deployment for all services. GPS must comply with Title 10 United States Code (USC) Sec. 2281, which requires that the Secretary of War ensures the continued sustainment and operation of GPS for military and civilian purposes, and 51 USC Sec. 50112, which requires that GPS complies with certain standards and facilitates international cooperation.

The system is composed of three programs: User Equipment (funded under Program Element (PE) 1203164F, 1203164SF), Space (funded under PE 1203165F, 1203265F, 1203265SF, 1203269F, and 1203269SF), and a Control Network (funded under PE 1206423F, 1206423SF and 1203165F). The satellites broadcast high accuracy data using precisely synchronized signals that are received and processed by user equipment installed in military platforms. The user equipment computes the platform position and velocity and provides steering vectors to target locations or navigation waypoints. The control segment provides daily updates to the navigation messages broadcast from the satellites to maintain system precision in three dimensions to 16 meters (spherical error probable) worldwide. Additionally, GPS supports the United States Nuclear Detonation Detection System mission and provides strategic and tactical support to the following Department of War (DOW) missions: Joint Operations by providing capabilities for Positioning, Navigation, and Timing (PNT); Command, Control, Communications, and Intelligence; Special Operations; Military Operations in Urban Terrain; Defense-Wide Mission Support; Air Mobility; and Space Launch Orbital Support.

GPS III is the next generation of Space Vehicles (SV) supporting the GPS constellation. GPS III SVs deliver significant enhancements, including a new international civil (L1C) Galileo-compatible signal, and enhanced anti-jam power. GPS III SVs 09-10 are in the Production and Deployment Phase.

The Air Force GPS directorate received USW(AT&L) approval to purchase GPS III SVs 09-10 at the December 2014 Defense Acquisition Board in order to sustain the constellation while competitive options were pursued. The GPS III SVs 09-10 purchases are on the current Lockheed Martin contract as technical equivalents of SVs 01-08. SV 09 is funded with FY 2014 Missile Procurement, Air Force (MPAF) advance procurement and FY 2015 MPAF regular procurement. SV 10 is funded with FY 2015 MPAF advance procurement, and FY 2016 Space Procurement, AF regular procurement.

SV 01 and SV 02 were successfully launched in December 2018 and August 2019, respectively. SV 01 was operationally accepted in January 2020 and SV 02 was operationally accepted in March 2020. SV 03 was successfully launched in June 2020 and operationally accepted in July 2020. SV 04 was successfully launched in November 2020 and operationally accepted in December 2020. SV 05 was successfully launched and operationally accepted in June 2021. SV 06 was successfully launched and operationally accepted in January 2023. SV 07 was successfully launched and operationally accepted in January 2025.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GPSIII / GPS III Space Segment	
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 1203265SF	**Other Related Program Elements:** 1203265F
Line Item MDAP/MAIS Code: 590		

SV 08 was successfully launched and operationally accepted in May of 2025. SV 09 achieved AFL in August of 2022 and SV 10 achieved AFL in December 2022. FY26 funding will support SV 07 (launched December 2024), SV 08 (launched May 2025), SV 09 (launched January 2026), and SV10 projected launch in FY 2026.

Funding for this exhibit is contained in PE 1203265SF.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GPSIII / GPS III Space Segment

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 1203265SF	Other Related Program Elements: 1203265F

Line Item MDAP/MAIS Code: 590

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	GPS III Space Segment		B		- / 292.280	- / 54.805	- / 29.274	- / 0.000	- / -	- / 0.000
P-40	**Total Gross/Weapon System Cost**				**- / 292.280**	**- / 54.805**	**- / 29.274**	**- / 0.000**	**- / -**	**- / 0.000**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2026 is the last year of funding for this program.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** GPSIII / GPS III Space Segment	**Item Number / Title [DODIC]:** GPS III Space Segment
ID Code (A=Service Ready, B=Not Service Ready) : B	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	292.280	54.805	29.274	0.000	-	0.000
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	292.280	54.805	29.274	0.000	-	0.000
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**292.280**	**54.805**	**29.274**	**0.000**	**-**	**0.000**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*
Space Vehicle - GPS III Space Segment Cost																		
Recurring Cost																		
GPS III SV03-10	-	-	73.550	-	-	13.198	-	-	8.286	-	-	0.000	-	-	-	-	-	0.000
GPS III CGR FFRDC	-	-	-	-	-	-	-	-	0.029	-	-	0.000	-	-	-	-	-	0.000
GPS III Crosslinks	-	-	24.523	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
GPS III Associated Product Procurement	-	-	1.989	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
GPS III SV03-10 Technical Mission Analysis	-	-	9.235	-	-	1.694	-	-	1.915	-	-	0.000	-	-	-	-	-	0.000
GPS III SV03-10 Enterprise SE&I	-	-	8.926	-	-	7.581	-	-	4.401	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Recurring Cost	-	-	*118.223*	-	-	*22.473*	-	-	*14.631*	-	-	*0.000*	-	-	-	-	-	*0.000*
Subtotal: Space Vehicle - GPS III Space Segment Cost	**-**	**-**	***118.223***	**-**	**-**	***22.473***	**-**	**-**	***14.631***	**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***0.000***
Checkout and Launch - GPS III Space Segment Cost																		
GPS III SV03-10 Launch Services	-	-	99.672	-	-	16.279	-	-	1.147	-	-	0.000	-	-	-	-	-	0.000
GPS III SV03-10 On-Orbit/Mission Success Incentive	-	-	27.422	-	-	13.142	-	-	11.283	-	-	0.000	-	-	-	-	-	0.000
GPS III SV03-10 Storage and MRT	-	-	18.852	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: GPSIII / GPS III Space Segment	Item Number / Title [DODIC]: GPS III Space Segment
ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:	

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Subtotal: Checkout and Launch - GPS III Space Segment Cost	**-**	**-**	***145.946***	**-**	**-**	***29.421***	**-**	**-**	***12.430***	**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***0.000***
Support - GPS III Space Segment Cost																		
GPS III SV 03-10 FFRDC	-	-	8.423	-	-	1.061	-	-	0.833	-	-	0.000	-	-	-	-	-	0.000
GPS III SV 03-10 A&AS	-	-	18.855	-	-	1.590	-	-	1.159	-	-	0.000	-	-	-	-	-	0.000
GPS III SV 03-10 Other Support	-	-	0.833	-	-	0.260	-	-	0.221	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Support - GPS III Space Segment Cost	**-**	**-**	***28.111***	**-**	**-**	***2.911***	**-**	**-**	***2.213***	**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***0.000***
Gross/Weapon System Cost	**-**	**-**	**292.280**	**-**	**-**	**54.805**	**-**	**-**	**29.274**	**-**	**-**	**0.000**	**-**	**-**	**-**	**-**	**-**	**0.000**

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** GPSSPC / Global Postioning (Space)
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.835	0.870	0.000	-	0.000	0.000	0.000	0.000	0.000	-	1.705
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	0.835	0.870	0.000	-	0.000	0.000	0.000	0.000	0.000	-	1.705
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**0.835**	**0.870**	**0.000**	**-**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**1.705**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Navstar Global Positioning System (GPS) provides highly accurate time, three-dimensional position, and velocity information to an unlimited number of users anywhere on or above the surface of the earth, in any weather. GPS satisfies validated Joint Service requirements for worldwide, accurate, common grid navigation for military aircraft, ships, ground vehicles and personnel. The system is comprised of three segments: (1) satellites, (2) a ground control, and (3) user equipment. The satellites broadcast high-accuracy data using precisely synchronized signals that are received and processed by user equipment installed in military platforms. The ground control network updates the navigation messages broadcast from the satellites to provide system vectors to target location or navigational way points. Funds in this line support various GPS specific production efforts associated with the ground control and user equipment segments.

KEY DATA LOADING INSTALLATION FACILITY (KLIF)/GPS SECURITY DEVICE: The KLIF facilitates the programming of black key (cryptographic) algorithms into the Selective Availability Anti-Spoofing Module (SAASM) to provide accurate positioning solutions for GPS users using secure equipment. Similar work for the Military GPS User Equipment (MGUE) is in the planning phase.

Funding for this exhibit is contained in 1203164SF.

Justification:

The KLIF Procurement program will transfer to the Air Force during the FY27 President's Budget Request.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MC0MSE / Spaceborne Equip (Comsec)
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	83.829	84.044	95.061	-	95.061	95.414	103.563	102.467	106.723	-	671.101
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	83.829	84.044	95.061	-	95.061	95.414	103.563	102.467	106.723	-	671.101
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**83.829**	**84.044**	**95.061**	**-**	**95.061**	**95.414**	**103.563**	**102.467**	**106.723**	**-**	**671.101**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Space Communications Security (COMSEC) procures centrally funded cryptographic products to operate in the space environment and for ground nodes that link to space assets. Space COMSEC equipment is a foundational element in achieving space information superiority. Space COMSEC provides cybersecurity (confidentiality, integrity, and availability) for Department of War (DoW) satellite platforms. Space COMSEC is an enabler for space system compliance with Committee on National Security Systems Policy No. 12 - Cybersecurity Policy of Space Systems Used to Support National Security Missions. Space COMSEC provides products and lifecycle sustainment support to all DoW satellite systems and commercial systems supporting DOW missions. The U.S. Air Force (USAF), U.S. Space Force (USSF), DoW, and Intelligence Community require the capability to secure, collect, process, store, and disseminate an uninterrupted flow of information, while denying an adversary the ability to intercept, collect, destroy, interpret, or manipulate our information flows. Secure communication allows the DoW to achieve and maintain decision superiority, the key to successful application of the military instrument of national power in modern, high-tempo, full-spectrum operations. Space COMSEC equipment protects information such as warfighter positions, mission planning, target strikes, commanders' orders, intelligence, force strength, and force readiness. When an adversary is capable of interpretation, manipulation, or destruction of the information used by the warfighter, DoW military forces will suffer significant and/or devastating mission degradation that can result in loss of life and resources and/or exceptionally grave damage to national security. Space COMSEC enables secure Command and Control (C2) of satellites and prevents unauthorized access and destruction. It enables secure transmission of satellite systems' health and status telemetry data (satellite health and relative orbital position) to ground control stations, thus protecting critical information about the capabilities of DoW satellite systems. The capability of a system must be protected from an adversary to avoid exploitation of a system weakness/limitation, knowledge of which could assist an adversary in a successful mission against DoW military forces. Space COMSEC also provides secure transmission of information collected by satellite sensors (mission data), which provides the warfighter an integrated view of the battle space. Space COMSEC provides for secure satellite communications (SATCOM), positioning, navigation, timing, weather, nuclear detection and early warning missions. Space COMSEC procures crypto end items and logistics elements to support developing and operational space systems.

This program falls within the Multi-Mission Support mission area which provides the systems and efforts that evenly contribute to multiple mission areas across the space enterprise. Space Force investment program interdependencies include:

RDT&E Budget Line Items: Defensive Cyber Operations - Space (1203040SF); Rapid Resilient Command and Control (1206772SF); Satellite Control Network (1203110SF); Space and Missile Test and Evaluation (1203173SF; Space Force IT, Data Analytics, Digital (1203010SF); and elements of Procurement Budget Line Items: AF Satellite Comm System (AFSCOM); Spaceborne Equip (Comsec) (MC0MSE); Spares and Repair Parts (SSPARE); and Space Digital Integrated Network (SDN000).

Funding for this exhibit contained in program element (PE) 1203140SF.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MC0MSE / Spaceborne Equip (Comsec)

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Spaceborne Equip (Comsec)	P-5a	A		- / -	- / 83.829	- / 84.044	- / 95.061	- / -	- / 95.061
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 83.829**	**- / 84.044**	**- / 95.061**	**- / -**	**- / 95.061**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1. Space Communications Security (COMSEC): Procures centrally funded cryptographic products to operate in the space environment and for ground nodes that link to space assets. Funding provides for the production of Space COMSEC products to meet developing and operational space program needs. Space COMSEC products include End Crypto Units (ECU), Embedded Solutions (ES), transmission security (TRANSEC) and ancillaries. Due to low volume production quantities and high reliability design, Space COMSEC products can range in price from 10 thousand per unit to 2 million per unit. Each year the types and quantities of items vary to meet requirements; an averaged cost is used. As a commodity item, Space COMSEC procures standard crypto products which enable minimized lifecycle footprints. Space COMSEC procures from multiple crypto vendors; however, with the low volume consumption by space programs, the space crypto industry base is less than a dozen companies. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Contractor support costs are included as part of the Space COMSEC products funding line in order to provide for end item operational capability. FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility. Increase of $11 million over last year provides equipment to support a greater number of launches.

a. Logistics: Space COMSEC products typically have a 20- to 40-year lifecycle to support development, launch and operation of multiple U.S. Air Force (USAF), U.S. Space Force (USSF), and Department of War (DoW) space systems. Space COMSEC is provided as Government Furnished Equipment (GFE) to the space system developing contractors and operational ground stations. Space COMSEC products are high-cost critical assets and are organically sustained to include component level maintenance exclusively by the Air Force. Logistics procures the necessary lifecycle sustainment elements required to meet the 40-year mission requirements. Logistics elements include, but not limited to, specialized test sets, certified training materials and courses, maintenance manuals, provisioning, spare components, and modifications. Contractor support costs are included as part of the Space COMSEC logistics funding line in order to provide for end item operational capability. FY 2027 funding maintains USAF, USSF, and DoW Space COMSEC requirements.

b. Aerospace Vehicle Equipment (AVE) Products: AVE procurement of reduced size, weight, and power space qualified satellite cybersecurity COMSEC products supports development, integration, launch and operations in DoW National Security Space System's LargeSat, SmallSat, CubeSat, and hosted payload applications. FY 2027 funding maintains USSF's requirement for a more proliferated and resilient architecture and the Department of the Air Force (DAF) priority to fully fund Space COMSEC. Funding also provides Telemetry, Tracking, and Command (TT&C) and mission data cryptographic products to operate in the space environment.

c. Ground Operating Equipment (GOE) Products: GOE provides the procurement of ground equipment with corresponding space algorithms required to communicate with DoW satellite systems. Procurement of TT&C, Mission Data and Satellite Communication (SATCOM) cybersecurity ground application COMSEC products enable secure command and control and secure data transmission protecting DoW space systems' capabilities (Position, Navigation, Timing, Early Warning, SATCOM, Remote Sensing, and Intelligence, Surveillance and Reconnaissance). The FY 2027 funding increase addresses USSF's growing requirement for a more proliferated and resilient architecture. Funding also provides cryptographic products for ground nodes which link to space satellite National Security Space System satellite platforms.

2. Space Modular Common Cryptography (SMCC): Reduces space programs development and life cycle costs by providing a common, modular and upgradable cryptographic solution set. SMCC is fully endorsed by the National Security Agency (NSA) as the preferred solution for all emerging National Security Space Systems. The SMCC Program procures Common Crypto Solutions for USAF, USSF, DoW, and Intelligence Community space programs. SMCC supports future first production run procurement of Cryptographic Modernization 2 (CM2) across space enterprise devices including Space GOE and orbital

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MC0MSE / Spaceborne Equip (Comsec)	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

AVE supporting satellites of all sizes. These Space CM2 efforts will also increase the performance envelope for space crypto to support the emerging growth of space-based communications by increasing data throughput and number of channels supported per device.

a. Program Support Costs (PSC). FY 2027 program support administration funding supports management with engineering and technical expertise in support of production of ground operating equipment for satellite programs.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MC0MSE / Spaceborne Equip (Comsec)	**Item Number / Title [DODIC]:** Spaceborne Equip (Comsec)
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	83.829	84.044	95.061	-	95.061
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	83.829	84.044	95.061	-	95.061
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**83.829**	**84.044**	**95.061**	**-**	**95.061**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Hardware - 1. Space Communications Security (COMSEC) (PE 1203140SF) Cost																		
Recurring Cost																		
a. Logistics(†)	-	-	-	2.000	4	8.000	2.000	4	8.000	2.000	4	8.000	-	-	-	2.000	4	8.000
b. AVE(†)	-	-	-	0.345	111	38.295	0.348	111	38.676	0.349	130	45.370	-	-	-	0.349	130	45.370
c. GOE(†)	-	-	-	0.061	611	37.534	0.061	612	37.268	0.063	660	41.567	-	-	-	0.063	660	41.567
Subtotal: Recurring Cost	-	-	-	-	-	*83.829*	-	-	*83.944*	-	-	*94.937*	-	-	-	-	-	*94.937*
Subtotal: Hardware - 1. Space Communications Security (COMSEC) (PE 1203140SF) Cost	**-**	**-**	**-**	**-**	**-**	***83.829***	**-**	**-**	***83.944***	**-**	**-**	***94.937***	**-**	**-**	**-**	**-**	**-**	***94.937***
Hardware - 2. Space Modular Common Crypto (SMCC) (PE 1203140SF) Cost																		
Recurring Cost																		
SMCC	-	-	-	-	-	-	0.100	1	0.100	0.124	1	0.124	-	-	-	0.124	1	0.124
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	*0.100*	-	-	*0.124*	-	-	-	-	-	*0.124*
Subtotal: Hardware - 2. Space Modular Common Crypto (SMCC) (PE 1203140SF) Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.100***	**-**	**-**	***0.124***	**-**	**-**	**-**	**-**	**-**	***0.124***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**83.829**	**-**	**-**	**84.044**	**-**	**-**	**95.061**	**-**	**-**	**-**	**-**	**-**	**95.061**

Remarks:
Space COMSEC equipment is an aggregation of various units at various prices. Averaged cost is used.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MC0MSE / Spaceborne Equip (Comsec)	**Item Number / Title [DODIC]:** Spaceborne Equip (Comsec)
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: MC0MSE / Spaceborne Equip (Comsec)	Item Number / Title [DODIC]: Spaceborne Equip (Comsec)

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ M)	Specs Avail Now?	Date Revision Available	RFP Issue Date
a. Logistics		2025	Multiple / Multiple	Various	JBSA-Lackland	May 2025	Jun 2026	4	2.000	Y		
a. Logistics		2026	Multiple / Multiple	Various	JBSA-Lackland	May 2026	Jun 2027	4	2.000	Y		
a. Logistics		2027	Multiple / Multiple	Various	JBSA-Lackland	May 2027	Jun 2028	4	2.000	Y		
b. AVE		2025	MULTIPLE / MULTIPLE	Various	JBSA-Lackland	Jun 2025	Aug 2026	111	0.345	Y		
b. AVE		2026	MULTIPLE / MULTIPLE	Various	JBSA-Lackland	Jun 2026	Aug 2027	111	0.348	Y		
b. AVE		2027	MULTIPLE / MULTIPLE	Various	JBSA-Lackland	Jun 2027	Aug 2028	130	0.349	Y		
c. GOE		2025	MULTIPLE / MULTIPLE	Various	JBSA-Lackland	Jun 2025	Aug 2026	611	0.061	Y		
c. GOE		2026	MULTIPLE / MULTIPLE	Various	JBSA-Lackland	Jun 2026	Aug 2027	612	0.061	Y		
c. GOE		2027	MULTIPLE / MULTIPLE	Various	JBSA-Lackland	Jun 2027	Aug 2028	660	0.063	Y		

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MILSAT / MILSATCOM

ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	37.684	36.447	38.067	-	38.067	28.233	25.039	28.223	22.333	-	216.026
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	37.684	36.447	38.067	-	38.067	28.233	25.039	28.223	22.333	-	216.026
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**37.684**	**36.447**	**38.067**	**-**	**38.067**	**28.233**	**25.039**	**28.223**	**22.333**	**-**	**216.026**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Joint service systems collectively provide a broad range of satellite communication capabilities, including secure, jam-resistant, 24-hour worldwide communications to meet essential strategic, tactical and general-purpose operational requirements. Terminals support communications requirements for the President and Secretary of War, unified and specified commanders, uniformed services and defense agencies. To enable this support, this program element funds several efforts.

AIR FORCE WIDEBAND ENTERPRISE TERMINALS (AFWET): The Modernization of Enterprise Terminals (MET) features large bandwidth capable satellite communications in X-band, Ka-band, frequencies including dual-band, and simultaneous X and Ka-band, to support U.S. DoW, allied, and government requirements utilizing the Wideband Global Satellite (WGS) and commercial satellites. As joint assets, these terminals make up part of the Global Information Grid, which provides worldwide, wideband SATCOM capabilities or strategic and tactical command, control, communications and intelligence, surveillance, and reconnaissance to users. The METs are the backbone of the Department of War Information Network (DoWIN) and its users include the communication requirements of the SecWar, Department of State, U.S. strategic and tactical forces, Missile Defense Agency (MDA), and NATO allies. 30 Terminals Commissioned to date (26 METs, 3 Deployable Ku-band Earth Terminal (DKETs) & 1 Ku-band terminal). The United States Space Force (USSF) is responsible for terminal equipment at Space Force operated and maintained Enterprise ground terminal locations.

This program falls within the Satellite Communications (SATCOM) mission area which provides the space and dedicated ground architecture required to securely transport wideband, narrowband, tactical, and strategic satellite communications, including USSF-funded SATCOM terminals and commercial SATCOM activities. Program interdependencies include: Advanced EHF MILSATCOM (1206431SF); Commercial SATCOM Integration (1206445SF); Evolved Strategic SATCOM (ESS) (1206855SF); Family of Adv BLoS Terminals (FAB-T) (1203001SF); MILSATCOM Terminals (1203601SF); Narrowband Satellite Communications (1203109SF); Polar MILSATCOM (SPACE)1206432SF); Protected Tactical Enterprise Service (1206760SF); Protected Tactical Service (1206761SF); SATCOM O&M (1203605SF); Space Tech Development & Prototyping (1206410SF); Tech Transition (Space) (1206458SF); Wideband Global SATCOM (SPACE) (1206433SF); Wideband Global System Satellites (1203600SF).

GLOBAL BROADCAST SERVICE (GBS): This Space Force-led joint implements a worldwide high-capacity satellite broadcast information system to provide a continuous, one-way, high-speed, high-volume flow of classified and unclassified intelligence products (full motion video, imagery, data) to 2000+ world-wide GBS receive suites. GBS Receive Suites provide lower-echelon United States Air Force (USAF) users with efficient high-data-rates via satellite-hosted GBS packages. GBS Procurement funding includes the necessary updates to address two GBS Liens, Transmission Security (TRANSEC) and Contested, Degraded and Operationally-Limited (CDO) capabilities (Remote Deny). First, National Security Agency (NSA), via the Committee on National Security Systems (CNSS) Policy 12 and CNSS instruction 1200, requires U.S. Government agencies to employ TRANSEC systems to protect information transmitted/received by National Security Space (NSS) systems. Second, the Chief Space Operations' (CSO) SATCOM Vision mandates a SATCOM Enterprise that can operate through a CDO environment. Army-Air Force Anti-Jam Modem (A3M) delivers TRANSEC and Anti-Jam capabilities required to address both GBS' Liens.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MILSAT / MILSATCOM	
ID Code (A=Service Ready, B=Not Service Ready):	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

A3M (PTW Modem Funding Line): Space Systems Command (SSC) is procuring and fielding Protected Tactical Waveform (PTW) capable modems to meet the Ground Multiband Terminal (GMT) and other Tactical SATCOM mission requirements. The A3M is the program of record for development, procurement, and fielding of the PTW capability. The United States Space Force (USSF) is teamed with the Army to expand the competitive industry base and gain volume cost savings of a common Line Replaceable Unit (LRU) modem. The A3M modem will provide high throughput and enhanced anti-jam capability in benign and contested environments to prevent the disruption of communications from electronic jamming at identified threat levels of the WGS Operational Requirements Document (ORD). The A3M modem meets the Internet Protocol (IP) mandate is forward compatible with the future Protected Tactical SATCOM (PTS), and contains a NSA certified End Cryptographic Unit (ECU). The A3M modem integrates into the GMT and other Tactical SATCOM terminals in operation using industry standard interfaces and is operator configurable to the different antenna sizes currently in operation.

A3M Procurement funding includes depot tooling, continues establishment of the Key Loading and Initialization Facility (KLIF), procures equipment to support a systems integration checkout capability (i.e. Systems Integration Lab (SIL)), and Interim Contractor Support (ICS). Funding for depot tooling includes but not limited to workstations, fixtures, or any other equipment that may be used for intake, rework, restock and testing of A3M LRU modems. The KLIF is used to initialize and restore the modem with NSA provided cryptologic keys before being sent to the field. The SIL is used to test changes in software or Tactics, Techniques and Procedures (TTPs) on real terminals and modems, but in a laboratory environment, before making changes to fielded systems. Funding also purchases additional Protected Tactical Enterprise Service (PTES) KLIF Host equipment, A3M warehousing equipment, shipping containers, and A3M test equipment and repair work spaces. Funding covers shipping of A3M cases to field units and return shipping of un-modified GMT equipment cases and fielding support. A3M purchases and delivers technical data and initial spares in a combination of spare modems and subassembly parts equivalent to 10% sparing. A3M's Indefinite Quantity Indefinite Delivery (IDIQ) contract enables future fielding for additional SATCOM users.

PROLIFERATED LEO (pLEO) GROUND (SDN GEPs funding line): SSC, in partnership with other organizations, is providing proliferated LEO capabilities to DoW and IC users using the Starshield constellation. SSC will field ground entry terminals and ground bounce terminals as part of the resilient communications and redundant pathway for space-based data transport. SSC procured Starshield ground entry terminals will facilitate high bandwidth mil-Ka backhaul of Starshield data and represents 10 of the 18 terminals planned for Starshield. The 10 terminals enable site diversification and latency reduction of worldwide DoW and IC data transported by Starshield. Ground bounce terminals provide high bandwidth transfer of crucial data from co-located DoW satellite ground stations into the Starshield and Starlink constellations. These 6 sites will be established at vulnerable OCONUS sites and ensure continuous connectivity to CONUS based space operations centers.

Funding for this exhibit is contained in Program Element (PE) 1203601SF MILSATCOM TERMINALS.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MILSAT / MILSATCOM

ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	AFWET		A		- / -	- / 3.402	- / 12.294	- / 12.760	- / -	- / 12.760
P-5	PTW Modems		B		- / -	- / 7.063	- / -	- / -	- / -	- / -
P-5	GBS		A		- / -	- / 10.130	- / -	- / -	- / -	- / -
P-5	SDN GEPs		A		- / -	- / 17.089	- / 24.153	- / 25.307	- / -	- / 25.307
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 37.684**	**- / 36.447**	**- / 38.067**	**- / -**	**- / 38.067**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

AFWET: In FY 2027, funding will extend the life of the system, modernize operational suitability, safety and effectiveness, and maintain high interoperability with other DoW, Army, Navy, and Air Force strategic and tactical terminals to include mobile capability.

AFWET Terminal Modernization includes engineering, site preparation, terminal and radome installation, integration, acceptance testing and funding initial spares. Full Operational Capability (FOC) was achieved in August 2023, one month ahead of the objective date of September 2023.

AFWET Maintenance Upgrades and Sustainment includes: 52B Terminal installations, radome modifications and installations, legacy deinstallations, power and communication infrastructure, Interconnect Facility (ICF) installations which provide incidental increases in capability, allowing for full utilization of WGS capabilities, compliance with directives on the usage of Internet Protocol, adherence to Unified Capabilities Requirements, compliance with Defense Information Systems Agency (DISA) and National Security Agency directives and more efficient and effective usage of satellite resources for jam-resistant and anti-scintillation wideband links.

AFWET Product Support includes: SATCOM Modernization Services (SMS) skillsets required for specialized SATCOM fielding and training supporting Terminal Modernization.

AFWET Other Support includes: Advisory and Assistance Services (A&AS), system engineering, and other related activities supporting successful program execution.

pLEO Ground: FY 2027 funding will procure, install, and operationalize up to four pLEO ground sites. Terminal costs include unit costs, shipment, and manufacturer onsite support. Civil costs are associated with fees and studies, land preparation, and actual install and connection costs. Support includes systems engineering support, onsite deployment, integration and testing, and other related activities including planning, installation, fielding, and successful program execution..

FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MILSAT / MILSATCOM	**Item Number / Title [DODIC]:** AFWET
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	3.402	12.294	12.760	-	12.760
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	3.402	12.294	12.760	-	12.760
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**3.402**	**12.294**	**12.760**	**-**	**12.760**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*
Hardware - AFWET Cost																		
Recurring Cost																		
Engineering/ Integration (E&I)	-	-	-	-	-	-	-	-	1.379	-	-	7.448	-	-	-	-	-	7.448
Post Modernization of Enterprise Terminals (MET) Equipment	-	-	-	-	-	-	-	-	7.455	-	-	1.472	-	-	-	-	-	1.472
Product Support	-	-	-	-	-	-	-	-	-	-	-	0.500	-	-	-	-	-	0.500
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	*8.834*	-	-	*9.420*	-	-	-	-	-	*9.420*
Subtotal: Hardware - AFWET Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***8.834***	**-**	**-**	***9.420***	**-**	**-**	**-**	**-**	**-**	***9.420***
Support - AFWET Cost																		
Advisory and Assistance Services (A&AS)	-	-	-	-	-	1.019	-	-	0.563	-	-	0.665	-	-	-	-	-	0.665
SATCOM Modernization Services (SMS)	-	-	-	-	-	1.510	-	-	2.161	-	-	2.236	-	-	-	-	-	2.236
Other Government Costs	-	-	-	-	-	0.873	-	-	0.736	-	-	0.439	-	-	-	-	-	0.439
Subtotal: Support - AFWET Cost	**-**	**-**	**-**	**-**	**-**	***3.402***	**-**	**-**	***3.460***	**-**	**-**	***3.340***	**-**	**-**	**-**	**-**	**-**	***3.340***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**3.402**	**-**	**-**	**12.294**	**-**	**-**	**12.760**	**-**	**-**	**-**	**-**	**-**	**12.760**

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MILSAT / MILSATCOM	**Item Number / Title [DODIC]:** PTW Modems
ID Code (A=Service Ready, B=Not Service Ready) : B		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	7.063	-	-	-	-
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	7.063	-	-	-	-
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**7.063**	**-**	**-**	**-**	**-**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*
Hardware - A3M Cost																		
Recurring Cost																		
Depot Tooling	-	-	-	-	-	3.229	-	-	-	-	-	-	-	-	-	-	-	-
Modem Purchase (includes Labor & Shipping)	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	-	-	-	*3.229*	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - A3M Cost	**-**	**-**	**-**	**-**	**-**	***3.229***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Support - A3M Cost																		
Systems Engineering & Integration (SE&I)	-	-	-	-	-	1.883	-	-	-	-	-	-	-	-	-	-	-	-
Technical Mission Analysis	-	-	-	-	-	0.094	-	-	-	-	-	-	-	-	-	-	-	-
A&AS	-	-	-	-	-	1.711	-	-	-	-	-	-	-	-	-	-	-	-
FFRDC	-	-	-	-	-	0.046	-	-	-	-	-	-	-	-	-	-	-	-
Other Support	-	-	-	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - A3M Cost	**-**	**-**	**-**	**-**	**-**	***3.834***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**7.063**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MILSAT / MILSATCOM	**Item Number / Title [DODIC]:** GBS
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	10.130	-	-	-	-
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	10.130	-	-	-	-
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**10.130**	**-**	**-**	**-**	**-**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*
Hardware - GBS Cost																		
Recurring Cost																		
GBS-TRANSEC modem	-	-	-	-	-	10.130	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	-	-	-	*10.130*	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - GBS Cost	**-**	**-**	**-**	**-**	**-**	***10.130***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**10.130**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MILSAT / MILSATCOM	**Item Number / Title [DODIC]:** SDN GEPs
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	17.089	24.153	25.307	-	25.307
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	17.089	24.153	25.307	-	25.307
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**17.089**	**24.153**	**25.307**	**-**	**25.307**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*
Hardware - SDN GEPs Cost																		
Recurring Cost																		
Terminals	-	-	-	2.900	3	8.700	2.250	4	9.000	2.245	4	8.980	-	-	-	2.245	4	8.980
Civils	-	-	-	-	-	4.998	-	-	9.000	-	-	8.430	-	-	-	-	-	8.430
Mods & Upgrades	-	-	-	-	-	-	-	-	2.994	-	-	4.103	-	-	-	-	-	4.103
Subtotal: Recurring Cost	-	-	-	-	-	*13.698*	-	-	*20.994*	-	-	*21.513*	-	-	-	-	-	*21.513*
Subtotal: Hardware - SDN GEPs Cost	**-**	**-**	**-**	**-**	**-**	***13.698***	**-**	**-**	***20.994***	**-**	**-**	***21.513***	**-**	**-**	**-**	**-**	**-**	***21.513***
Support - SDN GEPs Cost																		
A&AS	-	-	-	-	-	3.391	-	-	3.159	-	-	3.794	-	-	-	-	-	3.794
Subtotal: Support - SDN GEPs Cost	**-**	**-**	**-**	**-**	**-**	***3.391***	**-**	**-**	***3.159***	**-**	**-**	***3.794***	**-**	**-**	**-**	**-**	**-**	***3.794***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**17.089**	**-**	**-**	**24.153**	**-**	**-**	**25.307**	**-**	**-**	**-**	**-**	**-**	**25.307**

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MSSBIR / SBIR High (Space)
ID Code (A=Service Ready, B=Not Service Ready):	**Program Elements for Code B Items:** 0604441F — **Other Related Program Elements:** 1206441F
Line Item MDAP/MAIS Code: N/A	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	98.807	59.300	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	158.107
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	98.807	59.300	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	158.107
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**98.807**	**59.300**	**0.000**	**0.000**	**-**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**158.107**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Note: The flyaway unit cost is not included on the P-40 exhibit because there are multiple P-5 Cost Analysis exhibits.

The SBIRS Survivable Endurable Evolution (S2E2) Program Office is executing a modernization effort under (Project MSSBIR, Program DYM000) for Guardians across Missile Warning and Missile Tracking (MW/MT) mission area. As a result, the Service will Improve readiness and operational reach of existing force structure.

The Space Based Infrared System's (SBIRS) primary mission is to provide initial warning of a ballistic missile attack on the United States (US), its deployed forces and its allies. SBIRS enhances detection and improves reporting of intercontinental ballistic missiles, submarine launched ballistic missiles, and tactical ballistic missiles. SBIRS provides increased detection and tracking performance in order to meet requirements in the Operational Requirements Document (ORD). SBIRS will consist of satellites in Geosynchronous Earth Orbit (GEO) and in Highly Elliptical Earth Orbit (HEO) with an integrated, centralized ground station serving all SBIRS space elements, Defense Support Program (DSP) satellites and other program related support activities. The HEO payloads operate on a classified host.

SBIRS GEO-5 and 6 satellites are derivatives of the GEO-3 and 4 satellites and are replacements for GEO-1 and 2. A four phased contract approach awarded non-recurring engineering and parts obsolescence using advanced procurement funds in Sep 2012, followed by award of long lead items in Feb 2013, full production in Jun 2014, and technical refresh in Jun 2015. The GEO-5 and 6 technical refresh contract modification modernizes the existing spacecraft bus design to improve commonality across United States Space Force (USSF) and Government satellite programs, and enable compatibility with multiple launch vehicles. The full production effort includes 2 satellites with persistent infrared missile and threat warning payloads, launch vehicle integration, launch and early orbit test, dual communication band modification (unified SBand), and contractor operations support through operational acceptance. The GEO-5 satellite launched on 18 May 2021. The GEO-6 Satellite successfully launched 4 Aug 2022 and was operationally accepted March 2023.

For the GEO 5-6 block buy, the FY 2013 National Defense Authorization Act (NDAA) authorizes six years of incremental production funding and limits the incrementally funded contract obligation to 3,900M. The years of incremental funding are FY 2013-2018. Advance procurement was appropriated in FY 2011 and FY 2012. GEO 5-6 advance procurement and incremental funding are attributed to FY 2013 for the purposes of identifying full funding for procurement end items. Each year of appropriation FY 2013-2018 is in two parts, the incrementally funded contract amount and annual program support costs. The incrementally funded amount complies with the National Defense Authorization Act (NDAA) cap.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MSSBIR / SBIR High (Space)	
ID Code (A=Service Ready, B=Not Service Ready):	**Program Elements for Code B Items:** 0604441F	**Other Related Program Elements:** 1206441F
Line Item MDAP/MAIS Code: N/A		

SBIRS SURVIVABLE ENDURABLE EVOLUTION (S2E2): The S2E2 effort replaces the DSP only Mobile Ground System (MGS); S2E2 consists of the SBIRS Mobile Ground Terminal (SMGT) and Parabolic Dish Subsystem (PDSS) and is the critical situation monitoring element in the three national-level architectures: Integrated (ITW/AA) System, Chairman Joint Chiefs of Staff (CJCS) Critical Nodes, and Nuclear Command and Control System (NCCS). U.S. Strategic Command (USSTRATCOM) needs U.S. Space Command's global S/E TW/AA operational capabilities to meet President of the United States, Joint Staff, Combatant Commander, and Forward User requirements for continuous, persistent, and enduring TW/AA non-imaging infrared for Missile Warning (MW) and Nuclear Detection (NUDET) reporting across all phases of military operations. The program will deliver a minimum of 4 SMGTs that will have the modified capability in accordance with the U.S. Space Command (USSPACECOM) Survivable/Endurable Concept of Operations Concept of Operations (CONOPS), signed 19 November 2021, to include SBIRS Geosynchronous Earth Orbit (GEO) 5/6 processing and Tracking, Telemetry, and Command (TT&C), and the new protected and wide band Satellite Communication (SATCOM) capable terminals. Funding also provides Interim Contractor Support (ICS). The delivery of this effort enables the weapon system to process SBIRS GEO (1-6), and Global Positioning System (GPS) and NUDET data and missions while addressing long-standing obsolescence, supportability, and cyber-security concerns as well as improved capability to withstand a high-altitude electromagnetic pulse (HEMP) per MIL-STD-188-125-2. In addition, training software, and integration of the Universal Ground NUDET Terminal (UGNT) and the new protected and wide band SATCOM capable terminals are included. Finally, this effort includes all activities required to pivot the weapon system to meet the CONOPS change directed by USSPACECOM and signed on 28 June 2024. Additionally, S2E2 includes operations location setup, transportation of hardware to include, but not limited to, Systems Engineering and Technical Assistance (SETA) enterprise activities which provide intra-and inter-program office support to support S2E2 operations.

SBIRS MOBILE AND FIXED SITE COMMUNICATIONS/ELECTRONIC REPLACEMENT: This effort procures Defense Support Program (DSP) and SBIRS assets to maintain the ground system equipment. Fixed site examples include, but are not limited to, legacy receiver, antenna drive system, Spacecraft Simulator RF, Mission Control Station (MCS) display, Rapid Delog (instantaneous translation of computer data to a human-readable format), Sybase database obsolescence, communications and network routers, and switches and time server replacements. Mobile system examples include, but are not limited to, aging radio frequency communications equipment, aging antenna equipment, aging electrical equipment and cabling, and unsupportable data processing subsystem components. Funding also provides for Program Office and related support activities to include but not limited to, Systems Engineering and Technical Assistance (SETA) enterprise activities which provides intra- and inter-program office support. Funding for this effort is program element 1203915F and 1203915SF.

This program falls within the Missile Warning and Missile Tracking (MW/MT) mission area which provides the multi-orbit space and ground architecture required to detect and track missiles and hypersonic glide vehicles worldwide.

Space Force investment program interdependencies include:
RDT&E Budget Line Items: Missile Defense Radars (1203873SF); Ballistic Missile EW Systems (1203909SF); Joint Tactical Ground System (1208053SF); NCMC - TW/AA System (1203906SF); Next - Generation OPIR (1206442SF); Next - Generation - GEO (1206443SF); Next - Generation - Ground (1206440SF); Next - Generation - Polar (1206444SF); NUDET Detection System (1203913SF); Resilient MW / MT - LEO (1206446SF); Resilient MW / MT - MEO (1206447SF) and elements of Procurement Budget Line Item: Space Mods (SPCMOD)

Funding for this exhibit contained in PE 1203915SF

Justification:
No FY 2026 funding.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MSSPAC / Special Space Activities

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	411.697	454.003	2,021.299	-	2,021.299	2,228.670	3,177.701	1,992.033	1,834.254	-	12,119.657
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	411.697	454.003	2,021.299	-	2,021.299	2,228.670	3,177.701	1,992.033	1,834.254	-	12,119.657
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**411.697**	**454.003**	**2,021.299**	**-**	**2,021.299**	**2,228.670**	**3,177.701**	**1,992.033**	**1,834.254**	**-**	**12,119.657**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program is reported separately in the Special Access Program budget justification to Congress.

Justification:

The FY 2026 request included 454,003 thousand discretionary and 258,350 thousand mandatory (reconciliation) for a total of 712,353 thousand. This program is reported separately in the Special Access Program budget justification to Congress.

The FY 2027 request included 2,021,299 thousand discretionary and 0 thousand mandatory (reconciliation) for a total of 2,021,299 thousand. This program is reported separately in the Special Access Program budget justification to Congress.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 1203109SF
Line Item MDAP/MAIS Code: 345		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	212.617	64.665	48.977	50.640	-	50.640	51.622	52.529	53.685	54.761	-	589.496
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	212.617	64.665	48.977	50.640	-	50.640	51.622	52.529	53.685	54.761	-	589.496
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**212.617**	**64.665**	**48.977**	**50.640**	**-**	**50.640**	**51.622**	**52.529**	**53.685**	**54.761**	**-**	**589.496**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Mobile User Objective System (MUOS) Program office is developing MUOS (Project MUOS00) for Guardians across the Satellite Communications (SATCOM) mission area. As a result, the Service will improve readiness and operational reach of existing force structure, and deliver resilient Infrastructure, equipment, and personnel.

The Mobile User Objective System (MUOS) provides a worldwide, multi-service population of mobile and fixed-site terminal users with ultra-high frequency (UHF), narrowband, and beyond line-of-sight satellite communications (SATCOM). MUOS significantly increases performance and capacity in support of critical Combatant Command SATCOM priorities. MUOS is the replacement system for the UHF Follow-on (UFO) system, which is currently beyond its design life. MUOS consists of Space, Ground, and User Entry Segments. MUOS reached full operational capability October 2019.

The Space Segment consists of five geosynchronous satellites to support a four satellite constellation over the intended service life, and provides both a legacy UHF payload, which is backward compatible with UFO, and a Wideband Code Division Multiple Access (WCDMA) payload, which provides cellular-like capability. The User Entry Segment consists of the MUOS waveform that is ultimately integrated into MUOS-capable terminals.

The cost for MUOS Ground Segment upgrades varies depending on the complexity of software defects being addressed and unique configuration of hardware and software requirements being fielded at each of the six MUOS ground sites within each given year. The MUOS Ground Segment upgrades address cybersecurity and lifecycle management issues at each of the six MUOS ground sites.

The Ground Segment or System consists of four world-wide Radio Access Facilities (RAFs) (Wahiawa, Hawaii; Northwest Chesapeake, Virginia; Niscemi, Italy; and Geraldton, Australia) and two Satellite Control Facilities (Port Hueneme, California, and Schriever Space Force Base (SFB), Colorado). Each RAF includes three 60 ft. antennas and over 50 equipment racks which house a total of 5,000 major hardware components and 250 software applications across the MUOS Program. The RAF in Hawaii includes a Network Management Facility (NMF). The RAFs in Hawaii and Virginia each include a Switching Facility (SF). All four RAFs and two Satellite Control Facilities are considered Ground Sites.

Beginning in FY 2017, the program's focus has been upgrading ground sites to address ongoing cybersecurity threats, hardware and software obsolescence, and operational deficiencies. The program awarded the follow-on ground sustainment and modernization contract in FY 2025.
Funding for this exhibit is contained in PE 1203109SF.

FY 2025 Full-Year Continuing Appropriations and Extensions Act included additional funding for Mawar Typhoon Disaster Relief.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 1203109SF
Line Item MDAP/MAIS Code: 345		

This program falls within the Satellite Communications (SATCOM) mission area which provides the space and dedicated ground architecture required to securely transport wideband, narrowband, tactical, and strategic satellite communications, including USSF-funded SATCOM terminals and commercial SATCOM activities. Space Force investment program interdependencies include:
RDT&E Budget Line Items: Advanced EHF MILSATCOM (1206431SF); Commercial SATCOM Integration (1206445SF); Evolved Strategic SATCOM (ESS) (1206855SF); Family of Adv BLoSTerminals (FAB-T) (1203001SF); Narrowband Satellite Communications (1203109SF); Protected Tactical Enterprise Service (1206760SF); Protected Tactical Service (1206761SF; Space Tech Development & Prototyping (1206410SF); Tech Transition (Space) (1206458SF); Wideband Global SATCOM (SPACE) (1206433SF); Data Transport and Networking (1203156SF); Space Data Network (1203636SF); and elements of Procurement Budget Line Items: Family of Beyond Line-of-Sight Terminals (FBLOST); Mobile User Objective System (MUOS00); MILSATCOM (MILSAT); Wideband SATCOM Operational Management Systems (WSOMS0); Auxiliary Payloads (AUX000); Proliferated Low Earth Orbit SATCOM (PLEO00); PTES HUB (PTES00); ESS (ESS000)

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 1203109SF

Line Item MDAP/MAIS Code: 345

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)
P-40a	Mobile User Objective System				- / -	- / 13.064	- / -	- / -	- / -	- / -
P-3a	1 / Mobile User Objective System (Other)		A		- / 212.617	- / 51.601	- / 48.977	- / 50.640	- / 0.000	- / 50.640
P-40	**Total Gross/Weapon System Cost**				**- / 212.617**	**- / 64.665**	**- / 48.977**	**- / 50.640**	**- / -**	**- / 50.640**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)
P-40a	Mobile User Objective System				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / Mobile User Objective System (Other)		A		- / 51.622	- / 52.529	- / 53.685	- / 54.761	- / -	- / 576.432
P-40	**Total Gross/Weapon System Cost**				**- / 51.622**	**- / 52.529**	**- / 53.685**	**- / 54.761**	**- / -**	**- / 589.496**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The FY 2027 funding will address obsolescence and cybersecurity vulnerabilities within the MUOS Ground Segment. Emerging cybersecurity threats, increasing cybersecurity requirements, and the evolution of denial-of-service threats against Department of War (DoW) systems have made it imperative for the MUOS ground system to keep pace.

Funding will be used to procure Ground System updates for each of the six ground sites in each fiscal year through the Future Year Defense Program (FYDP) to correct hardware and software deficiencies. The ground system updates address hardware/software defect resolution and hardware degradation. The hardware/software updates are installed at each ground site as part of the MUOS operational end item requirements; ground system defect resolution includes associated engineering, integration, test, and delivery efforts to address cybersecurity vulnerabilities, and corrects issues to ensure readiness levels support the warfighter's narrowband SATCOM requirements. These Ground System updates will address hardware degradation; obsolete items to be replaced include remaining obsolete antenna components.

FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System	**Aggregated Items Title:** Mobile User Objective System

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Mawar Disaster Relief Supplemental																				
Mawar Disaster Relief Supplemental	A		-	-	-	13.064	1	13.064	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Mawar Disaster Relief Supplemental			**-**	**-**	**-**	**-**	**-**	***13.064***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			-	-	-	-	-	**13.064**	-	-	-	-	-	-	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: MUOS00 / Mobile User Objective System	Modification Number / Title: 1 / Mobile User Objective System
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	212.617	51.601	48.977	50.640	0.000	50.640	51.622	52.529	53.685	54.761	-	576.432
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	212.617	51.601	48.977	50.640	0.000	50.640	51.622	52.529	53.685	54.761	-	576.432
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**212.617**	**51.601**	**48.977**	**50.640**	**0.000**	**50.640**	**51.622**	**52.529**	**53.685**	**54.761**	**-**	**576.432**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

MUOS Ground System Updates will correct functional and cyber defects and address hardware and software obsolescence. Configuration updates are deployed as modification kits which are variable in scope and require significant non-recurring engineering and integration testing to ensure hardware and software system updates do not adversely impact ongoing operations. A specific modification kit's scope depends primarily on the magnitude and severity of the functional defects, cybersecurity defects and vulnerabilities, and obsolescence.

Funding is for five Ground System updates for each of the four RAFs and three Ground System updates for each of the two Satellite Control Facilities in each fiscal year through the FYDP. The Ground System updates address hardware and software defect resolution as well as hardware degradation. The hardware/software updates are installed at each ground site as part of the MUOS operational end item requirements; ground system defect resolution includes associated engineering, integration, test, and delivery efforts to address cybersecurity vulnerabilities, and corrects issues to ensure readiness levels support the warfighter narrowband SATCOM requirements. To address hardware degradation, obsolete items will be replaced in phases in each fiscal year and can include GPS-based Timing and Frequency Distribution System, data back-up and recovery, and Earth Terminal Antenna components. Obsolete software components include Microsoft OS-based workstations and servers, Solaris OS based components, and Redhat/Linux OS-based components. Addressing software obsolescence may also include hardware replacement to support the new OS. Modification kit costs vary between the ground site locations and depend on the size and complexity of the infrastructure footprint of each modification kit's ground site destination. For example, because the Wahiawa ground site contains approximately 45-50% of the total ground segment's hardware and software infrastructure, this site's mod kits require a similar percentage of the overall budget for mod kits. Similarly, Northwest contains approximately 20% of the ground segment's hardware and software infrastructure, Niscemi and Geraldton each contain approximately 15% of the infrastructure, and the 10th Space Operations Squadron (SOPS) locations contain approximately 2% of the infrastructure.

Additionally, funding will be used for integration and testing of the necessary hardware and software upgrade options which address system deficiencies.

Milestone/Development Status

Development is on-track to meet system update targets and timelines.

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: MUOS00 / Mobile User Objective System	Modification Number / Title: 1 / Mobile User Objective System
ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:	
Models of Systems Affected: None	Modification Type: Other	Related RDT&E PEs: 1203109SF

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 6: 10 SOPS OL-D (Schriever SFB)												
A Kits												
Recurring												
10 SOPS OL-D (Schriever SFB):INSTALL KITS Group A (Active)	11 / 3.775	3 / 0.947	3 / 0.896	3 / 0.921	- / -	3 / 0.921	3 / 0.940	3 / 0.957	3 / 0.977	3 / 0.997	- / -	32 / 10.410
Subtotal: Recurring	*- / 3.775*	*- / 0.947*	*- / 0.896*	*- / 0.921*	*- / -*	*- / 0.921*	*- / 0.940*	*- / 0.957*	*- / 0.977*	*- / 0.997*	*- / -*	*- / 10.410*
Subtotal: 10 SOPS OL-D (Schriever SFB)	*- / 3.775*	*- / 0.947*	*- / 0.896*	*- / 0.921*	*- / -*	*- / 0.921*	*- / 0.940*	*- / 0.957*	*- / 0.977*	*- / 0.997*	*- / -*	*- / 10.410*
Modification Item 2 of 6: Geraldton Ground Site												
A Kits												
Recurring												
Geraldton Ground Site:INSTALL KITS Group A (Active)	15 / 28.617	5 / 7.177	5 / 6.793	5 / 6.979	- / -	5 / 6.979	5 / 7.122	5 / 7.252	5 / 7.402	5 / 7.556	- / -	50 / 78.898
Subtotal: Recurring	*- / 28.617*	*- / 7.177*	*- / 6.793*	*- / 6.979*	*- / -*	*- / 6.979*	*- / 7.122*	*- / 7.252*	*- / 7.402*	*- / 7.556*	*- / -*	*- / 78.898*
Subtotal: Geraldton Ground Site	*- / 28.617*	*- / 7.177*	*- / 6.793*	*- / 6.979*	*- / -*	*- / 6.979*	*- / 7.122*	*- / 7.252*	*- / 7.402*	*- / 7.556*	*- / -*	*- / 78.898*
Modification Item 3 of 6: HQ (Port Hueneme) 10 SOPS												
A Kits												
Recurring												
HQ (Port Hueneme) 10 SOPS:INSTALL KITS Group A (Active)	11 / 4.243	3 / 1.064	3 / 1.007	3 / 1.035	- / -	3 / 1.035	3 / 1.056	3 / 1.075	3 / 1.098	3 / 1.120	- / -	32 / 11.698
Subtotal: Recurring	*- / 4.243*	*- / 1.064*	*- / 1.007*	*- / 1.035*	*- / -*	*- / 1.035*	*- / 1.056*	*- / 1.075*	*- / 1.098*	*- / 1.120*	*- / -*	*- / 11.698*
Subtotal: HQ (Port Hueneme) 10 SOPS	*- / 4.243*	*- / 1.064*	*- / 1.007*	*- / 1.035*	*- / -*	*- / 1.035*	*- / 1.056*	*- / 1.075*	*- / 1.098*	*- / 1.120*	*- / -*	*- / 11.698*
Modification Item 4 of 6: Niscemi Ground Site												
A Kits												
Recurring												
Niscemi Ground Site:INSTALL KITS Group A (Active)	15 / 28.844	5 / 7.234	5 / 6.847	5 / 7.034	- / -	5 / 7.034	5 / 7.178	5 / 7.309	5 / 7.461	5 / 7.616	- / -	50 / 79.523
Subtotal: Recurring	*- / 28.844*	*- / 7.234*	*- / 6.847*	*- / 7.034*	*- / -*	*- / 7.034*	*- / 7.178*	*- / 7.309*	*- / 7.461*	*- / 7.616*	*- / -*	*- / 79.523*
Subtotal: Niscemi Ground Site	*- / 28.844*	*- / 7.234*	*- / 6.847*	*- / 7.034*	*- / -*	*- / 7.034*	*- / 7.178*	*- / 7.309*	*- / 7.461*	*- / 7.616*	*- / -*	*- / 79.523*
Modification Item 5 of 6: Northwest (VA) Ground Site												
A Kits												
Recurring												

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System	**Modification Number / Title:** 1 / Mobile User Objective System
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**
Models of Systems Affected: None	**Modification Type:** Other	**Related RDT&E PEs:** 1203109SF

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Northwest (VA) Ground Site:INSTALL KITS Group A (Active)	15 / 39.317	5 / 9.860	5 / 9.333	5 / 9.588	- / -	5 / 9.588	5 / 9.785	5 / 9.963	5 / 10.170	5 / 10.381	- / -	50 / 108.397
Subtotal: Recurring	*- / 39.317*	*- / 9.860*	*- / 9.333*	*- / 9.588*	*- / -*	*- / 9.588*	*- / 9.785*	*- / 9.963*	*- / 10.170*	*- / 10.381*	*- / -*	*- / 108.397*
Subtotal: Northwest (VA) Ground Site	*- / 39.317*	*- / 9.860*	*- / 9.333*	*- / 9.588*	*- / -*	*- / 9.588*	*- / 9.785*	*- / 9.963*	*- / 10.170*	*- / 10.381*	*- / -*	*- / 108.397*
Modification Item 6 of 6: Wahiawa Ground Site												
A Kits												
Recurring												
Wahiawa Ground Site:INSTALL KITS Group A (Active)	15 / 101.274	5 / 23.049	5 / 21.818	5 / 22.752	- / -	5 / 22.752	5 / 23.162	5 / 23.542	5 / 24.096	5 / 24.598	- / -	50 / 264.291
Subtotal: Recurring	*- / 101.274*	*- / 23.049*	*- / 21.818*	*- / 22.752*	*- / -*	*- / 22.752*	*- / 23.162*	*- / 23.542*	*- / 24.096*	*- / 24.598*	*- / -*	*- / 264.291*
Subtotal: Wahiawa Ground Site	*- / 101.274*	*- / 23.049*	*- / 21.818*	*- / 22.752*	*- / -*	*- / 22.752*	*- / 23.162*	*- / 23.542*	*- / 24.096*	*- / 24.598*	*- / -*	*- / 264.291*
Subtotal: Procurement, All Modification Items	*- / 206.070*	*- / 49.331*	*- / 46.694*	*- / 48.309*	*- / -*	*- / 48.309*	*- / 49.243*	*- / 50.098*	*- / 51.204*	*- / 52.268*	*- / -*	*- / 553.217*
Installation												
Modification Item 1 of 6: 10 SOPS OL-D (Schriever SFB)	11 / 0.712	3 / 0.244	3 / 0.251	3 / 0.256	- / -	3 / 0.256	3 / 0.261	3 / 0.267	3 / 0.272	3 / 0.273	- / -	32 / 2.536
Modification Item 2 of 6: Geraldton Ground Site	15 / 1.365	5 / 0.448	5 / 0.443	5 / 0.453	- / -	5 / 0.453	5 / 0.462	5 / 0.472	5 / 0.482	5 / 0.484	- / -	50 / 4.609
Modification Item 3 of 6: HQ (Port Hueneme) 10 SOPS	11 / 0.703	3 / 0.247	3 / 0.254	3 / 0.260	- / -	3 / 0.260	3 / 0.265	3 / 0.271	3 / 0.276	3 / 0.277	- / -	32 / 2.553
Modification Item 4 of 6: Niscemi Ground Site	15 / 1.285	5 / 0.423	5 / 0.418	5 / 0.427	- / -	5 / 0.427	5 / 0.436	5 / 0.445	5 / 0.455	5 / 0.457	- / -	50 / 4.346
Modification Item 5 of 6: Northwest (VA) Ground Site	15 / 0.867	5 / 0.303	5 / 0.312	5 / 0.318	- / -	5 / 0.318	5 / 0.325	5 / 0.332	5 / 0.339	5 / 0.341	- / -	50 / 3.137
Modification Item 6 of 6: Wahiawa Ground Site	15 / 1.615	5 / 0.605	5 / 0.605	5 / 0.617	- / -	5 / 0.617	5 / 0.630	5 / 0.644	5 / 0.657	5 / 0.661	- / -	50 / 6.034
Subtotal: Installation	*82 / 6.547*	*26 / 2.270*	*26 / 2.283*	*26 / 2.331*	*- / -*	*26 / 2.331*	*26 / 2.379*	*26 / 2.431*	*26 / 2.481*	*26 / 2.493*	*- / -*	*264 / 23.215*
Total												
Total Cost (Procurement + Support + Installation)	**212.617**	**51.601**	**48.977**	**50.640**	**0.000**	**50.640**	**51.622**	**52.529**	**53.685**	**54.761**	**-**	**576.432**

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System	**Modification Number / Title:** 1 / Mobile User Objective System
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Modification Item 1 of 6: 10 SOPS OL-D (Schriever SFB)

Manufacturer Information

Manufacturer Name: General Dynamics	Manufacturer Location: Scottsdale, AZ
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 2

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	Nov 2030
Delivery Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031

Installation Information

Method of Implementation: Contract Field Team

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	11 / 0.712	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.712
FY 2025	- / -	3 / 0.244	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.244
FY 2026	- / -	- / -	3 / 0.251	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.251
FY 2027	- / -	- / -	- / -	3 / 0.256	- / -	3 / 0.256	- / -	- / -	- / -	- / -	- / -	3 / 0.256
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.261	- / -	- / -	- / -	- / -	3 / 0.261
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.267	- / -	- / -	- / -	3 / 0.267
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.272	- / -	- / -	3 / 0.272
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.273	- / -	3 / 0.273
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	11 / 0.712	3 / 0.244	3 / 0.251	3 / 0.256	- / -	3 / 0.256	3 / 0.261	3 / 0.267	3 / 0.272	3 / 0.273	- / -	32 / 2.536

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	11	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	0	32
Out	11	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	0	32

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System	**Modification Number / Title:** 1 / Mobile User Objective System
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Modification Item 2 of 6: Geraldton Ground Site

Manufacturer Information

Manufacturer Name: General Dynamics	Manufacturer Location: Scottsdale, AZ
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 2

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	Nov 2030
Delivery Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031

Installation Information

Method of Implementation: Contract Field Team

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	15 / 1.365	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.365
FY 2025	- / -	5 / 0.448	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.448
FY 2026	- / -	- / -	5 / 0.443	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.443
FY 2027	- / -	- / -	- / -	5 / 0.453	- / -	5 / 0.453	- / -	- / -	- / -	- / -	- / -	5 / 0.453
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.462	- / -	- / -	- / -	- / -	5 / 0.462
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.472	- / -	- / -	- / -	5 / 0.472
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.482	- / -	- / -	5 / 0.482
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.484	- / -	5 / 0.484
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	15 / 1.365	5 / 0.448	5 / 0.443	5 / 0.453	- / -	5 / 0.453	5 / 0.462	5 / 0.472	5 / 0.482	5 / 0.484	- / -	50 / 4.609

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	15	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	0	50
Out	15	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	0	50

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System	**Modification Number / Title:** 1 / Mobile User Objective System
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Modification Item 3 of 6: HQ (Port Hueneme) 10 SOPS

Manufacturer Information

Manufacturer Name: General Dynamics	Manufacturer Location: Scottsdale, AZ
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 2

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	Nov 2030
Delivery Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031

Installation Information

Method of Implementation: Contract Field Team

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	11 / 0.703	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.703
FY 2025	- / -	3 / 0.247	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.247
FY 2026	- / -	- / -	3 / 0.254	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.254
FY 2027	- / -	- / -	- / -	3 / 0.260	- / -	3 / 0.260	- / -	- / -	- / -	- / -	- / -	3 / 0.260
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.265	- / -	- / -	- / -	- / -	3 / 0.265
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.271	- / -	- / -	- / -	3 / 0.271
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.276	- / -	- / -	3 / 0.276
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.277	- / -	3 / 0.277
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	11 / 0.703	3 / 0.247	3 / 0.254	3 / 0.260	- / -	3 / 0.260	3 / 0.265	3 / 0.271	3 / 0.276	3 / 0.277	- / -	32 / 2.553

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	11	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	0	32
Out	11	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	0	32

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System	**Modification Number / Title:** 1 / Mobile User Objective System
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Modification Item 4 of 6: Niscemi Ground Site

Manufacturer Information

Manufacturer Name: General Dynamics	Manufacturer Location: Scottsdale, AZ
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 2

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	Nov 2030
Delivery Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031

Installation Information

Method of Implementation: Contract Field Team

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	15 / 1.285	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.285
FY 2025	- / -	5 / 0.423	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.423
FY 2026	- / -	- / -	5 / 0.418	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.418
FY 2027	- / -	- / -	- / -	5 / 0.427	- / -	5 / 0.427	- / -	- / -	- / -	- / -	- / -	5 / 0.427
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.436	- / -	- / -	- / -	- / -	5 / 0.436
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.445	- / -	- / -	- / -	5 / 0.445
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.455	- / -	- / -	5 / 0.455
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.457	- / -	5 / 0.457
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	15 / 1.285	5 / 0.423	5 / 0.418	5 / 0.427	- / -	5 / 0.427	5 / 0.436	5 / 0.445	5 / 0.455	5 / 0.457	- / -	50 / 4.346

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	15	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	0	50
Out	15	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	0	50

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System	**Modification Number / Title:** 1 / Mobile User Objective System
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Modification Item 5 of 6: Northwest (VA) Ground Site

Manufacturer Information

Manufacturer Name: General Dynamics	Manufacturer Location: Scottsdale, AZ
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 2

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	Nov 2030
Delivery Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031

Installation Information

Method of Implementation: Contract Field Team

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	15 / 0.867	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.867
FY 2025	- / -	5 / 0.303	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.303
FY 2026	- / -	- / -	5 / 0.312	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.312
FY 2027	- / -	- / -	- / -	5 / 0.318	- / -	5 / 0.318	- / -	- / -	- / -	- / -	- / -	5 / 0.318
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.325	- / -	- / -	- / -	- / -	5 / 0.325
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.332	- / -	- / -	- / -	5 / 0.332
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.339	- / -	- / -	5 / 0.339
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.341	- / -	5 / 0.341
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	15 / 0.867	5 / 0.303	5 / 0.312	5 / 0.318	- / -	5 / 0.318	5 / 0.325	5 / 0.332	5 / 0.339	5 / 0.341	- / -	50 / 3.137

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	15	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	0	50
Out	15	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	0	50

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** MUOS00 / Mobile User Objective System	**Modification Number / Title:** 1 / Mobile User Objective System
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**
Modification Item 6 of 6: Wahiawa Ground Site		

Manufacturer Information

Manufacturer Name: General Dynamics	Manufacturer Location: Scottsdale, AZ
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 2

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	Nov 2030
Delivery Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031

Installation Information

Method of Implementation: Contract Field Team

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	15 / 1.615	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.615
FY 2025	- / -	5 / 0.605	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.605
FY 2026	- / -	- / -	5 / 0.605	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.605
FY 2027	- / -	- / -	- / -	5 / 0.617	- / -	5 / 0.617	- / -	- / -	- / -	- / -	- / -	5 / 0.617
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.630	- / -	- / -	- / -	- / -	5 / 0.630
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.644	- / -	- / -	- / -	5 / 0.644
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.657	- / -	- / -	5 / 0.657
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.661	- / -	5 / 0.661
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	15 / 1.615	5 / 0.605	5 / 0.605	5 / 0.617	- / -	5 / 0.617	5 / 0.630	5 / 0.644	5 / 0.657	5 / 0.661	- / -	50 / 6.034

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	15	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	0	50
Out	15	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	-	2	2	1	0	50

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** NSSL00 / National Security Space Launch

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: 176		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	21	7	4	13	-	13	21	22	22	19	-	129
Gross/Weapon System Cost *($ in Millions)*	5,171.412	1,769.486	1,329.263	3,370.958	-	3,370.958	4,737.696	5,206.069	5,163.734	4,455.648	555.557	31,759.823
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	5,171.412	1,769.486	1,329.263	3,370.958	-	3,370.958	4,737.696	5,206.069	5,163.734	4,455.648	555.557	31,759.823
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**5,171.412**	**1,769.486**	**1,329.263**	**3,370.958**	**-**	**3,370.958**	**4,737.696**	**5,206.069**	**5,163.734**	**4,455.648**	**555.557**	**31,759.823**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	246.258	252.784	332.316	259.304	-	259.304	225.605	236.640	234.715	234.508	-	246.200

Description:

System Delta 80 is executing the National Security Space Launch (NSSL) program (Program Element NSSL00) for Guardians across Space Access. As a result, the Service will advance space-based technology associated with Golden Dome, deliver space domain awareness capabilities, improve readiness and operational reach of existing force structure, and ensure resilient infrastructure, equipment, and personnel.

The NSSL program is a Major Defense Acquisition Program (MDAP) Acquisition Category (ACAT) 1C program that acquires launch services to provide critical space support to satisfy Department of War (DoW) warfighter, national security, and other United States Government (USG) space lift missions. The NSSL program will leverage USG inter-agency and commercial cooperation by utilizing the total launch vehicle performance and maximizing on-orbit opportunities that will expedite delivery of critical capabilities. The NSSL program provides satellite delivery to specific orbits through certified Launch Vehicle (LV) providers.

NSSL procures launch services and is not a weapon system. The program provides launch capacity for the Government National Launch Forecast (NLF) requirements, but does not take ownership of any specific launch hardware. This program does not require and does not include advance procurement or initial spares. Flyaway Unit Cost is not applicable and Weapon System Unit Cost are not representative due to the mix of vehicles in the program. The requirements for NSSL launch services are derived from multiple spacecraft requirements. The Space Force procurement satisfies National Security Space (NSS) unique capabilities for NSS requirements that are typically not addressed by the commercial market. "To Complete" projections include only known requirements at this time.

In FY 2025, the Space Force began to procure launch services to deliver National Security Space (NSS) missions via the Phase 3 contracts. NSSL Phase 3 will utilize a dual-lane approach to meet warfighter launch requirements, add a third launch provider, provide maximum competitive opportunities to industry, expand mission assurance options, and to allow the Government to take advantage of emerging and innovative launch capabilities. The dual-lane procurement approach consists of Lane 1, where launch services for risk tolerant missions will be procured from diverse launch service providers with annual on-ramping; and Lane 2 where launch services for specified missions will be procured from 3 fully certified systems for the nation's most critical payloads.

The Space Force, National Reconnaissance Office (NRO), and the National Aeronautics and Space Administration (NASA) have a coordinated strategy for certification of New Entrants to launch payloads in support of NSS and other USG requirements. The Space Force continues to actively work with potential New Entrants to reliably meet NSS requirements. The Government may award early integration contracts to ensure each potential offeror's launch system is compatible with the intended payload. The Space Force's intent is to compete as much as possible all launch service procurements where more than one certified provider can service the required orbit.

This program falls within the Launch mission area which provides the launch systems and corresponding ground architecture required to provide assured access to space, the movement of payloads to and from the space domain, and provision a safe and secure range for space launch operations. Program interdependencies include: EELVP (Space) - EMD (1206853SF); National Security Space Launch Pgm

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** NSSL00 / National Security Space Launch	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 176		

(1203953SF); Rocket System Launch Program (1206860SF); SDA Launch Procurement (1203954SF); Space Access, Mobility & Logistics (1203955SF); Spacelift Range System (1203182SF); Tactically Responsive Launch (1206862SF).

This requirement (or modification) supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Funding for this exhibit is contained in PE 1203953SF.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** NSSL00 / National Security Space Launch

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: 176

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	National Security Space Launch	P-5a, P-21	A		21 / 5,171.412	7 / 1,769.486	4 / 1,329.263	13 / 3,370.958	- / -	13 / 3,370.958
P-40	**Total Gross/Weapon System Cost**				**21 / 5,171.412**	**7 / 1,769.486**	**4 / 1,329.263**	**13 / 3,370.958**	**- / -**	**13 / 3,370.958**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

FY 2027 NSSL procurement funding will acquire launch services to provide critical space support required to satisfy Department of War (DoW) warfighter, national security, and other US Government space lift missions while leveraging commercial innovation. Launch services include, but are not limited to, launch vehicle manufacturing; payload processing; launch operations (tasks such as systems and factory engineering, program management, launch and range activities, and infrastructure); mission success incentives; recurring costs for Orbital Debris Mitigation Standard Practice; rideshare services, secondary payload adapters (i.e. multi-mission manifest adapters), and integration onto NSS or other USG agency procured launch services; launch propellants; independent mission assurance; evaluation and certification of potential New Entrants; early integration activities; studies and analysis; enterprise payload processing procurement and management; program office support and any other related activities to support mission requirements to rapidly respond to implement system resiliency and situational awareness necessary to operate in the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc.

In FY 2025, the Space Force began to procure launch services via the Phase 3 contracts. NSSL Phase 3 will utilize a dual-lane procurement approach that consists of Lane 1 and Lane 2.

The Lane 1 launch task orders are fully burdened and will not include annual Launch Service Support (LSS). Lane 1 does include base award to New Entrants to understand their launch system and approach to tiered mission assurance. Lane 1 is targeted to serve more risk-tolerant space vehicles launching to commercially addressable orbits and will incorporate tiered mission assurance as required by each mission's risk tolerance posture.

Lane 2 will include Launch Service Support (LSS), consisting of non-discrete NSS requirement-driven costs such as fleet surveillance, support to Government mission assurance, NSS-unique infrastructure, and complex security and integration requirements. Lane 2 procurements will fund LSS annually to address NSS-unique items that are not provided by the commercial launch service sector.

The Space Force is responsible for funding its own missions. Space Development Agency (SDA) launch services are procured under a separate Program Element. Generally, non-Space Force launch services are funded within their respective entities (e.g. NRO, Navy).

The Space Vehicle (SV) Program offices and other partners are responsible for funding mission unique requirements including hardware, integration and testing. Funding for mission unique requirements that span across NSSL and the SV Program Office will be shared between both organizations. NSSL will procure and centrally manage payload processing for Space Force SV programs to optimize enterprise facility space and maximize schedule efficiency.

The FY 2027 request for NSSL includes $3,370,958 thousand (Qty 13) of discretionary and $819,000 thousand (Qty 9) of mandatory for a total of $4,189,958 thousand (Qty 22). The mandatory request funds 9 launches of Space Data Network (SDN) satellites. The FY 2027 mandatory request continues efforts from FY 2026 to expand the number of SDN Satellites on orbit.

The FY 2025 rescission of $98.9M is not reflected in the FY 2025 Actuals column of this budget documentation.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** NSSL00 / National Security Space Launch	**Item Number / Title [DODIC]:** National Security Space Launch
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	21	7	4	13	-	13
Gross/Weapon System Cost *($ in Millions)*	5,171.412	1,769.486	1,329.263	3,370.958	-	3,370.958
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	5,171.412	1,769.486	1,329.263	3,370.958	-	3,370.958
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**5,171.412**	**1,769.486**	**1,329.263**	**3,370.958**	**-**	**3,370.958**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	246.258	252.784	332.316	259.304	-	259.304

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*
Launch - Launch End Item Cost																		
Recurring Cost																		
Launch Services(†)	147.558	21	3,098.725	177.927	7	1,245.491	204.358	4	817.431	214.687	13	2,790.936	-	-	-	214.687	13	2,790.936
Launch Services Support	-	-	1,217.627	-	-	323.438	-	-	322.905	-	-	315.716	-	-	-	-	-	315.716
Enterprise Systems Engineering & Integration	-	-	274.189	-	-	78.615	-	-	78.048	-	-	50.271	-	-	-	-	-	50.271
Mission Assurance	-	-	427.954	-	-	90.026	-	-	62.500	-	-	152.276	-	-	-	-	-	152.276
Subtotal: Recurring Cost	-	-	*5,018.495*	-	-	*1,737.570*	-	-	*1,280.884*	-	-	*3,309.199*	-	-	-	-	-	*3,309.199*
Subtotal: Launch - Launch End Item Cost	**-**	**-**	***5,018.495***	**-**	**-**	***1,737.570***	**-**	**-**	***1,280.884***	**-**	**-**	***3,309.199***	**-**	**-**	**-**	**-**	**-**	***3,309.199***
Support - Support End Item Cost																		
Other Support	-	-	7.242	-	-	1.900	-	-	3.296	-	-	3.395	-	-	-	-	-	3.395
A&AS	-	-	75.266	-	-	10.651	-	-	17.088	-	-	33.221	-	-	-	-	-	33.221
FFRDC	-	-	70.409	-	-	19.365	-	-	27.995	-	-	25.143	-	-	-	-	-	25.143
Subtotal: Support - Support End Item Cost	**-**	**-**	***152.917***	**-**	**-**	***31.916***	**-**	**-**	***48.379***	**-**	**-**	***61.759***	**-**	**-**	**-**	**-**	**-**	***61.759***
Gross/Weapon System Cost	**246.258**	**21**	**5,171.412**	**252.784**	**7**	**1,769.486**	**332.316**	**4**	**1,329.263**	**259.304**	**13**	**3,370.958**	**-**	**-**	**-**	**259.304**	**13**	**3,370.958**

Remarks:

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: NSSL00 / National Security Space Launch	Item Number / Title [DODIC]: National Security Space Launch
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

A Memorandum of Understanding (MOU) between the NRO and the Air Force, dated 7 October 2011, as updated per Addendum 2 of 13 January 2018, and updated 10 October 2023 specifies a 60/40 Air Force/NRO share ratio for Federally Funded Research and Development Center (FFRDC) Mission Assurance. An updated Interagency Agreement (IA) between the Space and Missile Systems Center, Launch Enterprise, and the National Reconnaissance Office (NRO), dated 1 October 2019 provides a 75/25 cost share agreement for the Phase 2 Launch Service Support.

The Space Force and the NRO will continue to share the costs for the Phase 3 Launch Service Support.

FY 2025, FY 2026, and FY 2027 Launch Services and Launch Service Support amounts reflect Firm Fixed Price values based on Phase 3 average contract pricing estimate methodology.

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: NSSL00 / National Security Space Launch	Item Number / Title [DODIC]: National Security Space Launch

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ M)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Launch Services(†)		2021	SpaceX/ULA / CA/CO	Various	SSC, LA AFB, CA	Mar 2021	Aug 2025	3	171.364	Y		May 2019
Launch Services(†)		2022	SpaceX/ULA / CA/CO	Various	SSC, LA AFB, CA	May 2022	Apr 2024	5	151.904	Y		May 2019
Launch Services(†)		2023	SpaceX/ULA / CA/CO	Various	SSC, LA AFB, CA	Jul 2023	May 2026	3	173.768	Y		May 2019
Launch Services(†)		2024	SpaceX/ULA / CA/CO	Various	SSC, LA AFB, CA	Nov 2023	Dec 2024	10	156.027	Y		May 2019
Launch Services(†)		2025	SpaceX/ULA/Blue Origin / TX/CO/FL	Various	SSC, LA AFB, CA	Apr 2025	Apr 2027	7	177.927	Y		Oct 2023
Launch Services(†)		2026	SpaceX/ULA/Blue Origin / TX/CO/FL	Various	SSC, LA AFB, CA	Apr 2026	Oct 2027	4	204.358	Y		Oct 2023
Launch Services(†)		2027	SpaceX/ULA/Blue Origin / TX/CO/FL	Various	SSC, LA AFB, CA	Oct 2026	Oct 2028	13	214.687	Y		Oct 2023

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** NSSL00 / National Security Space Launch	**Item Number / Title [DODIC]:** National Security Space Launch

Cost Elements (Units in Each)							Fiscal Year 2021												Fiscal Year 2022												BALANCE
										Calendar Year 2021													Calendar Year 2022										
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Launch Services																															
	1	2021	AF	3	0	3						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	1	2022	AF [1]	5	0	5																				A	-	-	-	-	5
	1	2023	AF	3	0	3																									3
	1	2024	AF	10	0	10																									10
	2	2025	AF	7	0	7																									7
	2	2026	AF	4	0	4																									4
	2	2027	AF	13	0	13																									13
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** NSSL00 / National Security Space Launch	**Item Number / Title [DODIC]:** National Security Space Launch

Cost Elements (Units in Each)							Fiscal Year 2023												Fiscal Year 2024												BALANCE
							Calendar Year 2023												Calendar Year 2024													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Launch Services																															
	1	2021	AF	3	0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	1	2022	AF [1]	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	3
	1	2023	AF	3	0	3										A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	1	2024	AF	10	0	10														A	-	-	-	-	-	-	-	-	-	-	10
	2	2025	AF	7	0	7																									7
	2	2026	AF	4	0	4																									4
	2	2027	AF	13	0	13																									13
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** NSSL00 / National Security Space Launch	**Item Number / Title [DODIC]:** National Security Space Launch

Cost Elements (Units in Each)							Fiscal Year 2025												Fiscal Year 2026											BALANCE
										Calendar Year 2025														Calendar Year 2026								
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Launch Services																														
	1	2021	AF	3	0	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1		0
	1	2022	AF [1]	5	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	1	2023	AF	3	0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2
	1	2024	AF	10	0	10	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	7		0
	2	2025	AF	7	0	7							A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
	2	2026	AF	4	0	4																			A -	-	-	-	-	-	4
	2	2027	AF	13	0	13																									13
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** NSSL00 / National Security Space Launch	**Item Number / Title [DODIC]:** National Security Space Launch

Cost Elements (Units in Each)							Fiscal Year 2027												Fiscal Year 2028												BALANCE
							Calendar Year 2027												Calendar Year 2028													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Launch Services																															
	1	2021	AF	3	3	0																									0
	1	2022	AF [1]	5	2	3	3																								0
	1	2023	AF	3	1	2	-	-	-	-	-	-	-	-	-	-	2														0
	1	2024	AF	10	10	0																									0
	2	2025	AF	7	0	7	-	-	-	-	-	-	7																		0
	2	2026	AF	4	0	4	-	-	-	-	-	-	-	-	-	-	-	-	4												0
	2	2027	AF	13	0	13	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: NSSL00 / National Security Space Launch	Item Number / Title [DODIC]: National Security Space Launch

Cost Elements (Units in Each)							Fiscal Year 2029												Fiscal Year 2030												BALANCE
										Calendar Year 2029														Calendar Year 2030									
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2028	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Launch Services																															
	1	2021	AF	3	3	0																									0
	1	2022	AF [1]	5	5	0																									0
	1	2023	AF	3	3	0																									0
	1	2024	AF	10	10	0																									0
	2	2025	AF	7	7	0																									0
	2	2026	AF	4	4	0																									0
	2	2027	AF	13	0	13	13																								0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** NSSL00 / National Security Space Launch	**Item Number / Title [DODIC]:** National Security Space Launch

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	SpaceX/ULA - CA/CO				0	0	0	0	0	0	0	0
2	SpaceX/ULA/Blue Origin - TX/CO/FL			22	0	0	0	0	0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:
(1) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2024 loaded in the month of first delivery.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** PTES00 / PTES HUB

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	16	12	-	-	-	-	-	-	-	-	-	28
Gross/Weapon System Cost *($ in Millions)*	100.096	56.148	29.949	12.046	-	12.046	0.000	0.000	0.000	0.000	-	198.239
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	100.096	56.148	29.949	12.046	-	12.046	0.000	0.000	0.000	0.000	-	198.239
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**100.096**	**56.148**	**29.949**	**12.046**	**-**	**12.046**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**198.239**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	6.256	4.679	-	-	-	-	-	-	-	-	-	7.080

Description:

USSF is developing the Protected Tactical Enterprise Service (PTES) ground system for the United States and Allies within the mission area of Satellite Communications. As a result, the Service will improve battle management of all weapon systems, improve readiness and operational reach of existing force structure,
augment, supplement, and/or integrate Allies, partners, and commercial space to USSF units, and improve resilience of infrastructure, equipment, and personnel.

The global threat of electronic warfare attacks against space systems will expand in the coming years in both number and types of weapons. Threat development will include a focus on jamming capabilities against military satellite communications (SATCOM). To address this threat, the Space Force is developing the Protected Tactical Enterprise Service (PTES) ground system to provide worldwide, anti-jam, Low Probability of Intercept communications for tactical warfighters via the Protected Tactical Waveform (PTW). Initially, PTES will utilize the Wideband Global SATCOM (WGS) system, and then will expand to leverage commercial satellites and the Protected Tactical SATCOM (PTS) system. The PTES Program is comprised of these two efforts: PTW over WGS (PTWoW) and PTW over Commercial (PTWoC).

The PTES Program developed a Mission Management System (MMS), Key Management System (KMS), and Joint Hub (JH) to enable transponded PTWoW, with a planned extension to commercial SATCOM constellations. Each JH installation requires site surveys, equipment purchases (modems, End Cryptographic Unit, etc.), equipment installation, and equipment testing. Production-representative PTW modems for user terminals were developed by the Protected Tactical Service Field Demonstration and will be separately acquired by each Service and by international partners. The Navy Wideband Anti-Jam Modem System, the Air Force-Army Anti-Jam Modem, and other stakeholders rely on PTES to provide PTW ground infrastructure. Procurement funding is necessary for PTWoW JHs, JH site installation, Interim Contractor Support, the JH spares procurement, and other functions necessary to enable operations between Initial Operational Capability (IOC) and Full Operational Capability (FOC).

This program falls within the Satellite Communications (SATCOM) mission area which provides the space and dedicated ground architecture required to securely transport wideband, narrowband, tactical, and strategic satellite communications, including USSF-funded SATCOM terminals and commercial SATCOM activities. Space Force investment program interdependencies include:

RDT&E Budget Line Items: Advanced EHF MILSATCOM (1206431SF); Commercial SATCOM Integration (1206445SF); Evolved Strategic SATCOM (ESS) (1206855SF); Family of Adv BLoS Terminals (FAB-T) (1203001SF); Narrowband Satellite Communications (1203109SF); Protected Tactical Enterprise Service (1206760SF); Protected Tactical Service (1206761SF; Space Tech Development & Prototyping (1206410SF); Tech Transition (Space) (1206458SF); Wideband Global SATCOM (SPACE) (1206433SF); Data Transport and Networking (1203156SF); Space Data Network (1203636SF); and elements of Procurement Budget Line Items: Family of Beyond Line-of-Sight Terminals (FBLOST); Mobile User Objective System (MUOS00); MILSATCOM (MILSAT); Wideband SATCOM Operational Management Systems (WSOMS0); Auxiliary Payloads (AUX000); Proliferated Low Earth Orbit SATCOM (PLEO00); PTES HUB (PTES00); ESS (ESS000)

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** PTES00 / PTES HUB	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

For the PTWoW effort, the Space Force performed a successful Operational Demonstration of PTES in FY 2023 as the culmination of a Rapid Prototyping effort utilizing the FY 2016 National Defense Authorization Act, Section 804, Middle Tier of Acquisition (MTA) authority. On 31 May 2023, the PTES Program Office successfully transitioned the program from an MTA into the Execution Phase of the Software Acquisition Pathway. PTWoW is expected to achieve IOC in FY 2027. IOC will be achieved through JH installation at two WGS teleport sites at separate locations, which utilize one WGS satellite, in addition to nominal operations using the MMS and KMS. FOC is projected for FY 2028, at which time PTES will provide worldwide PTW operations using JHs installed in at least eight different WGS teleport sites and utilizing ten WGS satellites. 24 total PTES JHs will be purchased with procurement funding to support PTWoW requirements.

For the PTWoC effort, IOC is expected in FY 2029 when the PTES system provides PTW operations using a single JH over one commercial satellite, including full MMS and KMS support functions. PTWoC is expected to reach FOC in FY 2031 after providing PTW operations for all equatorial longitudes and the ability to support geosynchronous or highly inclined orbit satellites from three separate locations. The acquisition strategy for PTWoC is still in development.

This program has associated Research Development Test and Evaluation funding in PE 1206760SF.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** PTES00 / PTES HUB

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	PTES HUB				- / 100.096	- / 56.148	- / 29.949	- / 12.046	- / -	- / 12.046
P-40	**Total Gross/Weapon System Cost**				**16 / 100.096**	**12 / 56.148**	**- / 29.949**	**- / 12.046**	**- / -**	**- / 12.046**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

In FY 2027, the PTES Program will continue site installation and follow-on testing and certifications required for worldwide Protected Tactical Waveform (PTW) operations using Wideband Global Satellite Communications (SATCOM) satellites. Activities and purchases may include program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc., the purchasing of spare components for 24 Joint Hubs, and other functions and resources necessary to enable operations for PTW over WGS (PTWoW) Initial Operating Capability (IOC) and up to PTW over Commercial (PTWoW) Full Operational Capability (FOC).

FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate in the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, experimentation, risk reduction, prototyping, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** PTES00 / PTES HUB	**Aggregated Items Title:** PTES HUB

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
PTES JOINT HUB																				
PTES Ground	A		3.668	16	58.688	1.879	12	22.554	-	-	18.130	-	-	3.596	-	-	-	-	-	3.596
PTES Additional Product Procurement	A		-	-	7.500	-	-	9.445	-	-	4.648	-	-	0.000	-	-	-	-	-	0.000
Technical Mission Analysis	A		-	-	5.573	-	-	6.689	-	-	0.846	-	-	5.811	-	-	-	-	-	5.811
Enterprise SE&I	A		-	-	19.930	-	-	13.509	-	-	4.241	-	-	0.179	-	-	-	-	-	0.179
Subtotal: PTES JOINT HUB			**-**	**-**	***91.691***	**-**	**-**	***52.197***	**-**	**-**	***27.865***	**-**	**-**	***9.586***	**-**	**-**	**-**	**-**	**-**	***9.586***
Management Services																				
FFRDC	A		-	-	0.436	-	-	0.874	-	-	0.437	-	-	0.682	-	-	-	-	-	0.682
A&AS	A		-	-	7.969	-	-	3.077	-	-	1.647	-	-	1.778	-	-	-	-	-	1.778
Subtotal: Management Services			**-**	**-**	***8.405***	**-**	**-**	***3.951***	**-**	**-**	***2.084***	**-**	**-**	***2.460***	**-**	**-**	**-**	**-**	**-**	***2.460***
Total			**-**	**-**	**100.096**	**-**	**-**	**56.148**	**-**	**-**	**29.949**	**-**	**-**	**12.046**	**-**	**-**	**-**	**-**	**-**	**12.046**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SDALCH / Space Development Agency Launch

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	4	7	9	-	9	2	3	3	3	-	31
Gross/Weapon System Cost *($ in Millions)*	-	326.868	648.446	835.197	-	835.197	282.672	286.712	298.125	298.051	-	2,976.071
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	326.868	648.446	835.197	-	835.197	282.672	286.712	298.125	298.051	-	2,976.071
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**326.868**	**648.446**	**835.197**	**-**	**835.197**	**282.672**	**286.712**	**298.125**	**298.051**	**-**	**2,976.071**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	81.717	92.635	92.800	-	92.800	141.336	95.571	99.375	99.350	-	96.002

Description:

The Space Development Agency (SDA) is developing and demonstrating the Proliferated Warfighter Space Architecture (PWSA) Transport Layer and Tracking Layer (Project SDALCH) for Guardians across the Combat Support, Satellite Communications, Operations, and Warfighting mission areas. As a result, the Service will improve readiness and operational reach of existing force structure and continue to advance all near term effects.

SDA, established in 2019, has a mission that begins and ends with the warfighter. SDA orchestrates the development, fielding, and operation of the Department of War's (DoW's) future threat-driven PWSA and uses novel approaches to accelerate the delivery of military space capabilities necessary to ensure U.S. technological and military advantage in space for national defense. SDA will deliver capabilities to joint war-fighting forces in two-year tranches. SDA began to procure launch services for the PWSA starting in Fiscal Year (FY) 2022 for data transport and resilient missile warning/ missile tracking (MW/MT) capabilities provided by Tranche 1 and beyond.

This program falls within the Launch mission area which provides the launch systems and corresponding ground architecture required to provide assured access to space. Space Force investment program interdependencies include:
RDT&E Budget Line Items: National Security Space Launch Program (Space) - EMD (1206853SF); National Security Space Launch Program (1203953SF); Rocket System Launch Program (1206860SF); Space Access, Mobility & Logistics (1203955SF); Spacelift Range System (1203182SF); Tactically Responsive Launch (1206862SF); and elements of Procurement Budget Line Items: Spacelift Range System Space (SPRNGE); National Security Space Launch (NSSL00); Space Development Agency Launch (SDALCH)

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SDALCH / Space Development Agency Launch

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Space Development Agency Launch		A		- / -	4 / 326.868	7 / 648.446	9 / 835.197	- / -	9 / 835.197
P-40	**Total Gross/Weapon System Cost**				**- / -**	**4 / 326.868**	**7 / 648.446**	**9 / 835.197**	**- / -**	**9 / 835.197**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 funding will procure launch services for nine launches under the USSF NSSL program for delivery of the Space Development Agency (SDA) space vehicles (SVs). This supports launch missions for Transport Layer Tranche 2 (TLT2), Tracking Layer Tranche 2 (TRKT2), and Tracking Layer Tranche 3 (TRKT3).

SDA aims to provide responsive and resilient space capabilities in support of the Joint Force and as part of Joint All Domain Command and Control (JADC2), thus increasing our warfighters' lethality, maneuverability, and survivability. In addition to launch services, this line may fund mission unique requirements such as launch vehicle hardware, procurement of flight representative interface hardware for pre-launch integration and test, early integration studies to document Space Vehicle-Launch Vehicle (SV-LV) interface controls and provide the predicted launch vehicle environments to the SV providers, final integration analysis and interface control documents, special studies, encapsulation and payload attach fitting mate operations of the SV integrated payload stack, and conduct launch and orbit insertion operations.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SDALCH / Space Development Agency Launch	**Item Number / Title [DODIC]:** Space Development Agency Launch
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	4	7	9	-	9
Gross/Weapon System Cost *($ in Millions)*	-	326.868	648.446	835.197	-	835.197
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	326.868	648.446	835.197	-	835.197
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**326.868**	**648.446**	**835.197**	**-**	**835.197**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	81.717	92.635	92.800	-	92.800

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Launch - Space Development Agency Launch Cost																		
Non Recurring Cost																		
NSSL Launch Services	-	-	-	81.717	4	326.868	92.635	7	648.446	92.800	9	835.197	-	-	-	92.800	9	835.197
Subtotal: Non Recurring Cost	-	-	-	-	-	*326.868*	-	-	*648.446*	-	-	*835.197*	-	-	-	-	-	*835.197*
Subtotal: Launch - Space Development Agency Launch Cost	**-**	**-**	**-**	**-**	**-**	***326.868***	**-**	**-**	***648.446***	**-**	**-**	***835.197***	**-**	**-**	**-**	**-**	**-**	***835.197***
Gross/Weapon System Cost	**-**	**-**	**-**	**81.717**	**4**	**326.868**	**92.635**	**7**	**648.446**	**92.800**	**9**	**835.197**	**-**	**-**	**-**	**92.800**	**9**	**835.197**

Remarks:
SDA will utilize the United States Space Force (USSF) National Security Space Launch (NSSL) services. The funding represents SDA's contribution to the cost of those services.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SDN000 / Space Digital Integrated Network (SDIN)

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	4.984	5.119	-	5.119	5.209	5.299	5.401	5.509	-	31.521
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	0.000	4.984	5.119	-	5.119	5.209	5.299	5.401	5.509	-	31.521
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**4.984**	**5.119**	**-**	**5.119**	**5.209**	**5.299**	**5.401**	**5.509**	**-**	**31.521**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Air Force created the Space Digital Integrated Network (SDIN) in the 1980's as the Air Force Space Command (AFSPC) Space Defense Interface Network. While it was built to support communication between Missile Warning/Missile Track (MW/MT) sensors and Command and Control (C2) nodes to support nuclear deterrence and missile defense of the homeland, it has grown to support every Space Force mission area with connections to almost all Space Force operating locations. This includes Space Domain Awareness (SDA) sensors, MILSTAR Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) communications, Space Based Infrared System (SBIRS) ground segment communications, intra-base and inter-base communication between SOCs and other force elements, Defense Red Switch Network (DRSN) long local communications, Land Mobile Radios, and more.

This program falls within the Multi-Mission Support mission area which provides the systems and efforts that evenly contribute to multiple mission areas across the space enterprise. Space Force investment program interdependencies include:

RDT&E Budget Line Items: Defensive Cyber Operations - Space (1203040SF); Rapid Resilient Command and Control (1206772SF); Satellite Control Network (1203110SF); Space and Missile Test and Evaluation (1203173SF; Space Force IT, Data Analytics, Digital (1203010SF); and elements of Procurement Budget Line Items: AF Satellite Comm System (AFSCOM); Spaceborne Equip (Comsec) (MC0MSE); Spares and Repair Parts (SSPARE); and Space Digital Integrated Network (SDN000).

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SDN000 / Space Digital Integrated Network (SDIN)
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Space Digital Integrated Network (SDIN)		A		- / -	- / 0.000	- / 4.984	- / 5.119	- / -	- / 5.119
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 0.000**	**- / 4.984**	**- / 5.119**	**- / -**	**- / 5.119**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
Space Digital Integrated Network (SDIN) - Modernization: The Air Force modernized some of legacy 1980's SDIN hardware in 2012 to mitigate obsolescence, but some of the equipment is once again nearing end of life. The Space Force needs to modernize the network technology to ensure continuity of operations. In FY 2027 the Space Force will continue to perform architectural analysis, hardware procurement, integration, and installation activities to modernize this critical network.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SDN000 / Space Digital Integrated Network (SDIN)	**Item Number / Title [DODIC]:** Space Digital Integrated Network (SDIN)
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	4.984	5.119	-	5.119
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	0.000	4.984	5.119	-	5.119
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**4.984**	**5.119**	**-**	**5.119**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Hardware - Space Digital Integrated Network (SDIN) Cost																		
Non Recurring Cost																		
SDIN Modernization	-	-	-	-	-	0.000	-	-	4.984	-	-	5.119	-	-	-	-	-	5.119
Subtotal: Non Recurring Cost	-	-	-	-	-	*0.000*	-	-	*4.984*	-	-	*5.119*	-	-	-	-	-	*5.119*
Subtotal: Hardware - Space Digital Integrated Network (SDIN) Cost	**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***4.984***	**-**	**-**	***5.119***	**-**	**-**	**-**	**-**	**-**	***5.119***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**0.000**	**-**	**-**	**4.984**	**-**	**-**	**5.119**	**-**	**-**	**-**	**-**	**-**	**5.119**

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SPCMOD / Space Mods

ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1203906SF	Other Related Program Elements: 1203699SF
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	113.980	48.152	115.498	448.674	-	448.674	91.792	92.067	95.722	91.008	-	1,096.893
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	113.980	48.152	115.498	448.674	-	448.674	91.792	92.067	95.722	91.008	-	1,096.893
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**113.980**	**48.152**	**115.498**	**448.674**	**-**	**448.674**	**91.792**	**92.067**	**95.722**	**91.008**	**-**	**1,096.893**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	1.000	-	1.000	-	-	-	-	-	1.000
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Space Mods Space funding enables advanced Command and Control (C2) Battle Management, Intelligence Surveillance and Reconnaissance (ISR), and Command, Control, Communications, Computers, and Intelligence (C4I) systems to conduct effective predictive battle space awareness, facilitate precision attack, and compress the sensor-to-shooter kill chain. Permanent modifications are configuration changes to in-service systems and equipment that correct materiel or other deficiencies, or that add or delete capability. Safety modifications correct deficiencies that produce hazards to personnel, systems, or equipment. This budget line covers both new and on-going modification efforts for space equipment and systems. Modification installation funding is budgeted in the year the installation occurs.

The following Program Elements are represented in this Budget Line Item:

PE 1203165SF NAVSTAR GPS (SPACE AND CONTROL SEGMENTS):

NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) provides highly accurate time and three-dimensional position and velocity information to an unlimited number of users anywhere on or above the surface of the earth, in any weather. This system supplies highly accurate position, velocity, timing, and United States Nuclear Detonation (NUDET) Detection System (USNDS) information to properly equipped air, land, sea, and space-based users worldwide. The GPS system consists of three segments: space, control, and user equipment. The Operational Control System (OCS) and the GPS Ground Antenna system are part of the control segment and requires modifications to replace high failure rate parts and preclude system operational degradation. Without these mods, aging and obsolete equipment will excessively degrade, ultimately resulting in system failure. System failure or even partial system failure will cause a loss of operational availability and the transmission of inaccurate navigation data to worldwide users, resulting in potential loss of life and/or operational equipment, including multi-million dollar satellites. OCS is required to operate until the Next Generation Operational Control System (OCX) transitions to operations, to include support for GPS III and fielding of Military GPS User Equipment (MGUE). The GPS Ground Antenna system technical refresh is required to sync and integrate with the current OCX baseline.

PE 1203330SF Space Superiority ISR (SSI):

The Space Superiority Intelligence (SSI) program provides intelligence for key find, fix, track, target, engage, and assess (F2T2EA) requirements supporting Space Superiority activities meeting Combatant Command (CCMD) and Combat Forces Command (CFC) needs. SSI develops intelligence capabilities supporting Space Force operations and space superiority capability acquisition and development. Funds development of intelligence Planning and direction, Collection, Processing and exploitation, Analysis and production, Dissemination and integration (PCPAD) capabilities providing Battlespace Awareness and Space Domain Awareness (SDA) in support of Space Superiority and Space Control. This includes funding for fixed-site and transportable intelligence collection; Processing, Exploitation and Dissemination

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	P-1 Line Item Number / Title: SPCMOD / Space Mods	
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1203906SF	Other Related Program Elements: 1203699SF
Line Item MDAP/MAIS Code: N/A		

(PED); analysis and production capabilities; and targeting capabilities. Procurement funding is used to procure deployable Secure Compartmented Information Facilities (SCIFs), consisting of a Command Module and a Service Module, for new worldwide "Orion's Belt" sites.

PE 1203699SF Shared Early Warning System (SEWS):

The Shared Early Warning System (SEWS) provides accurate and timely missile warning information generated by space-based infrared sensors. This information is distributed to three combatant commands (CCMDs)--US European Command (USEUCOM), US Central Command (USCENTCOM), and US Indo-Pacific Command (USINDOPACOM); North Atlantic Treaty Organization (NATO); and multiple foreign partner nations located within each of the serviced CCMDs. U.S. forces and foreign partner nations receive missile warning data via a dedicated communications network flowing from the Centralized Distribution Facility (CDF) at Peterson SFB, CO to secondary distribution facilities located with the CCMDs and distribution hubs located in foreign partner nation operations centers. Data segregation for the foreign nation partners is maintained through the use of approved cross domain solutions with unique rule sets that reflect Office of the Secretary of War policy regarding the dissemination of missile warning data to foreign nations. SEWS utilizes Defense Information Systems Agency (DISA)-mandated data processing capabilities, new missile warning message formats, and cyber security requirements set forth in Department of Defense Instruction 8500.1 (DODI 8500.1).

PE 1203873SF Ballistic Missile Defense Radars (BMD Radars):

COBRA DANE's primary mission is to support the US Space Command (USPACECOM)/US Northern Command (USNORTHCOM) Ballistic Missile Defense mission by providing midcourse coverage for the Ballistic Missile Defense System (BMDS). COBRA DANE detects Intercontinental Ballistic Missiles (ICBMs) and Sea-Launched Ballistic Missiles (SLBMs), classifies reentry vehicles (RVs) and other missile objects, provides real-time information to the Ground-based Midcourse Defense (GMD) Fire Control (GFC), and provides tracking of threat ballistic missiles with sufficient accuracy to commit the launch of interceptors and to update the target tracks to the interceptor while the interceptor is in flight. COBRA DANE's corollary mission is to support USPACECOM/USNORTHCOM's Space Domain Awareness (SDA) mission by detecting, tracking, correlating, and characterizing man-made resident space objects, primarily in the Low-Earth Orbit (LEO) regime, including space debris and early observation of New Foreign Launches (NFLs).

PE 1203906SF Cheyenne Mountain Complex:

The North American Aerospace Defense Command (NORAD) Cheyenne Mountain Complex (NCMC) - Integrated Tactical Warning/Attack Assessment (ITW/AA) system provides timely, unambiguous, and continuous warning and attack assessment of air, missile and space threats to North America, and geographical theaters. This system integrates and correlates missile launch and air surveillance information from certified sources to assess the nature of an enemy launch/attack and issue warnings to the President of the United States, Canadian National Leadership, United States Secretary of War, National Military Command Center and war-fighting Combatant Commanders. NCMC-ITW/AA and Legacy Space Command and Control (C2) systems provide NORAD/US Northern Command (USNORTHCOM), USSTRATCOM, and USSPACECOM command structures with the information management, decision aids, and connectivity required to monitor, assess, plan, and execute assigned strategic, space operations, and missile defense missions. It provides Nuclear C2 and detonation detection.

This program falls within the Missile Warning and Missile Tracking (MW/MT) mission area which provides the multi-orbit space and ground architecture required to detect and track missiles and hypersonic glide vehicles worldwide. Program interdependencies include:
Ballistic Missile Defense Radars (1203873SF); Ballistic Missile EW Systems (1203909SF); Joint Tactical Ground System (1208053SF); NCMC - TW/AA System (1203906SF); Next - Generation OPIR (1206442SF); Next - Generation - GEO (1206443SF); Next - Generation - Ground (1206440SF); Next - Generation - Polar (1206444SF); NUDET Detection System (1203913SF); Resilient MW / MT - LEO (1206446SF); Resilient MW / MT - MEO (1206447SF); Resilient MW / MT - Ground (1206448SF); Shared Early Warning (1203699SF); SLBM Radar Warning System (1203912SF); Space Based Infrared System (1203915SF); TW/AA Interface Network (1203908SF).

PE 1203909SF Ballistic Missile Early Warning System (BMEWS):

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	P-1 Line Item Number / Title: SPCMOD / Space Mods	
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1203906SF	Other Related Program Elements: 1203699SF
Line Item MDAP/MAIS Code: N/A		

The AN/FPS-132 Upgraded Early Warning Radar Systems (UEWR) provides critical support to Missile Warning, Missile Defense, and Space Domain Awareness (SDA) missions. The ground based radar systems' primary mission is to provide United States Strategic Command (USSTRATCOM) with credible Integrated Tactical Warning/Attack Assessment (ITW/AA) data on all Intercontinental Ballistic Missiles (ICBMs) and Submarine-Launched Ballistic Missiles (SLBMs) penetrating the coverage area, including Launch and Predicted Impact (L&PI) data for attack assessment and response determination. The radar system also provides missile defense data supporting the US Northern Command Ballistic Missile Defense mission and is a critical node in Missile Defense Agency's Ballistic Missile Defense System (BMDS). The radar simultaneously provides SDA for near-earth satellite surveillance in support of USSPACECOM, US Space Forces - Space (S4S), Combined Space Operations Center (CSpOC), and the National Space Intelligence Center (NSIC). The radar reports satellite metric observational data and collects Space Object Identification (SOI) Measurement and Signatures Intelligence (MASINT), supporting maintenance of the space catalog and providing USSPACECOM with indications and warning of adversarial maneuvers in Low Earth Orbit.

UEWR radars are located at Pituffik Space Base, Greenland (Thule radar site); Clear SFS, AK; Royal Air Force (RAF) Fylingdales, UK; Beale AFB, CA; and Cape Cod SFS, MA. The UEWR mission equipment and associated sustainment suites consist of a mix of unique, custom-built components that are increasingly more difficult to maintain due to the availability of replacement parts and obsolete COTS based subsystems that are no longer supported by the original equipment manufacturers. In addition, radar transmit & receive components, processing equipment, power distribution elements, and other radar front-end equipment are 30+ years old, highly inefficient, and require replacement. Without these replacements there is a high risk that equipment failures will cause unacceptable mission downtime in order to troubleshoot and repair.
Additionally, there is a System Integration Lab (SIL) located at Building 2025 at Peterson SFB, CO that supports System Program Office testing of UEWR hardware and software. The SIL is a critical testbed to resolve deficiencies and obsolescence issues at any of the 5 operational UEWR sites. The SIL replicates approximately 60 percent of the baseline at each of the UEWR, which minimizes the level of downtime at the operational sites required to operationally accept a hardware or software fix.

PE 1203912SF SUBMARINE-LAUNCHED BALLISTIC MISSILE (SLBM) RADAR WARNING SYSTEM:

The SLBM Radar Warning System provides USSTRATCOM with credible ITW/AA data on all SLBMs penetrating the coverage area. This data includes an estimation of L&PI locations and times. The secondary mission is to provide the Cheyenne Mountain Space Force Station, CO (CMSFS) and other users with ITW/AA data on ICBMs penetrating the coverage area. The SLBM Detection and Warning System currently consists of the AN/FPQ-16 Perimeter Acquisition Radar Attack Characterization System (PARCS), located at Cavalier AFB ND. Additionally, PARCS supports the Space Domain Awareness (SDA) mission by providing near-earth satellite surveillance, tracking, and identification as required by the Space Control Center, Alternate Space Control Center, and the Joint Intelligence Center. The sensors have an operational availability requirement of 98 percent.

Additionally, there is a site for testing located in the CISF at Peterson SFB, CO. The PARCS mission equipment and associated sustainment suites consist of a mix of unique, custom-built components that are increasingly more difficult to maintain due to the availability of replacement parts and obsolete COTS-based subsystems that are no longer supported by the original equipment manufacturers. In addition, radar transmit & receive components, processing equipment, and power distribution elements, and other radar front-end equipment are 30+ years old, highly inefficient, and require replacement. Without these replacements, there is a high risk that equipment failures will cause unacceptable mission downtime to troubleshoot and repair.

Block 02 modifications to PARCS includes the replacement of unsupportable and unreliable equipment such as Mission Data Processor, Radar Transmitter, Antenna Group, Exciter Group, and associated components

PE 1203915SF Space Based Infrared System's (SBIRS) Relay Ground System (RGS-H):

SBIRS provides initial warning of a ballistic missile attack on the United States (US), its deployed forces and its allies. SBIRS enhances detection and improves reporting of intercontinental ballistic missiles, submarine launched ballistic missiles, and tactical ballistic missiles. SBIRS provides increased detection and tracking performance in order to meet requirements in the Operational Requirements Document (ORD). SBIRS will consist of satellites in Geosynchronous Earth Orbit (GEO) and in Highly Elliptical Earth Orbit (HEO) with an integrated, centralized ground station serving all SBIRS space elements, Defense Support Program (DSP) satellites and other program related support activities. The HEO payloads operate on a classified host.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	P-1 Line Item Number / Title: SPCMOD / Space Mods	
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1203906SF	Other Related Program Elements: 1203699SF
Line Item MDAP/MAIS Code: N/A		

PE 1203940SF Space Situation Awareness Operations (SSAO):

Ionospheric Ground Sensors (IGS) enables surveillance of space objects and monitoring of space environmental conditions that can affect space warfighting operations. The Space Force operates and sustains several systems and tools to monitor space environmental conditions, such as Next Generation Ionosonde (NEXION), Ionospheric Scintillation Total Electron Content (TEC) Observer (ISTO), and other associated equipment to include oblique receivers to enhance NEXION data coverage. IGS contributes to Intelligence, Surveillance, Reconnaissance, Environment (ISRE), permitting full space domain knowledge, which enables SDA Data Integration & Exploitation (DI&E) key to timely Battle Management Command and Control (BMC2) decision making/tasking. NEXION is a COTS vertical incidence low-power radar sensor that obtains measurements of the ionosphere from directly overhead in the high-frequency (HF) radio bands (2-30 MHz). ISTO is an equatorial network of ground-based, passive, COTS receivers that measure ionospheric scintillation and total electronic content in real-time by analyzing Ultra High Frequency (UHF) and Global Positioning System (GPS) L-band satellite signals.

PE 1203940SF Space Situation Awareness Operations (SSAO):

Solar Electro-Optical Network (SEON) - Consists of AN /FMQ-7 Solar Observing Optical Network (SOON) and Radio Solar Telescope Network (RSTN) which includes AN /FRR-95 Radio Interference Measuring Set (RIMS) and A/F24U-10 Solar Radio Spectrograph (SRS).

SOON provides optical observance of the sun while RSTN provides RF monitoring of the sun and is an all-weather, ground-based, stand-alone system for the detection of solar bursts. SEON provides 24/7 real-time data of solar activity that interferes with radio frequency bands of satellites, radars, radio communications, and power grids. Moreover, it provides data on solar phenomena that have the potential to damage military surveillance and warning satellites, damaged satellite tracking systems, and affect RF and satellite orbital prediction management. This solar data is also used in the prediction of increases or decreases in solar activity.

This program falls within the Weather mission area which provides mission-critical environmental intelligence to support global military operations and delivers essential meteorological and oceanographic data to joint forces across all domains and detects space-based environmental threats to protect vital U.S. and allied space assets. Space Force investment program interdependencies include:

RDT&E Budget Line Items: EO/IR Weather Systems (1203710SF); Space Force Weather Services Research (0604002SF); Weather Satellite Follow-on (1206422SF); elements of Space Situation Awareness Operations (1203940SF); elements of Space Control Technology (1206438SF); and elements of Procurement Budget Line Item: Space Mods (SPCMOD)

PE 1205111SF Weather Service:

AN/UMQ-13 Meteorological Data Station (MARK IV-B) provides warfighters tactical access to timely, accurate weather or meteorological data from the latest generation of satellites and sensors to make mission critical decisions affecting the safety of personnel and equipment. MARK IV-B systems receive, process, display, store, and distribute interrogatable meteorological satellite (METSAT) information to operational users worldwide to support warfighter planning and execution via unclassified and classified networks. This system also provides cloud modeling and forecast validation data for the AF Weather Weapon System (AFWWS).

This program falls within the Weather mission area which provides mission-critical environmental intelligence to support global military operations and delivers essential meteorological and oceanographic data to joint forces across all domains and detects space-based environmental threats to protect vital U.S. and allied space assets. Space Force investment program interdependencies include:

RDT&E Budget Line Items: EO/IR Weather Systems (1203710SF); Space Force Weather Services Research (0604002SF); Weather Satellite Follow-on (1206422SF); elements of Space Situation Awareness Operations (1203940SF); elements of Space Control Technology (1206438SF); and elements of Procurement Budget Line Item: Space Mods (SPCMOD)

PE 0207510SF INSTALLATION INDUSTRIAL SUPPORT SYSTEMS:

The Space Force is pursuing four additional space operations centers across multiple locations (Kirkland, Grand Forks, Huntsville, Colorado), to support additional missions and provide resilience to the single satellite operations center. Construction is expected to begin in FY27 using FY27 MILCON funding. While new facilities are under construction, the USSF will purchase, install and equip four relocatable facilities

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	P-1 Line Item Number / Title: SPCMOD / Space Mods	
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1203906SF	Other Related Program Elements: 1203699SF
Line Item MDAP/MAIS Code: N/A		

(RLFs) as temporary facilities to support mission readiness for the FY27-FY28 mission stand up. Each RLF and new facility will be designed to accommodate approximately 660-800 personnel, ensuring operational continuity and scalability for future mission requirements.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SPCMOD / Space Mods
ID Code (A=Service Ready, B=Not Service Ready):	**Program Elements for Code B Items:** 1203906SF — **Other Related Program Elements:** 1203699SF
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Installation Industrial Support Systems		A		- / -	- / -	- / -	4 / 350.000	- / -	4 / 350.000
P-40a	NAVSTAR Global Positioning				- / 1.376	- / 0.000	- / 17.497	- / 0.000	- / 0.000	- / 0.000
P-40a	Space Superiority ISR				- / -	- / -	- / -	- / 2.013	- / 0.000	- / 2.013
P-40a	Shared Early Warning System (SEWS)				- / -	- / 0.393	- / 0.394	- / 0.409	- / -	- / 0.409
P-40a	Ballistic Missile Defense Radars				- / 51.779	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-40a	Cheyenne Mountain Complex				- / 2.702	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-40a	Cheyenne Mountain Complex				- / -	- / 0.103	- / 0.102	- / 0.104	- / -	- / 0.104
P-40a	Ballistic Missile Early Warning				- / 29.651	- / 22.309	- / 30.379	- / 0.150	- / 0.000	- / 0.150
P-3a	1 / Ballistic Missile Early Warning (Reliability & Maintainability)		A		- / 11.829	- / 3.188	- / 0.800	- / 15.995	- / 0.000	- / 15.995
P-3a	2 / Ballistic Missile Early Warning (Reliability & Maintainability)		A		- / 4.278	- / 8.138	- / 3.421	- / 19.999	- / 0.000	- / 19.999
P-40a	Ballistic Missile Early Warning				- / -	- / 3.800	- / 12.332	- / -	- / -	- / -
P-40a	Submarine-Launched Ballistic Missile				- / 0.798	- / 0.000	- / 32.900	- / 0.000	- / 0.000	- / 0.000
P-3a	1 / PARCS Block 02 (Reliability & Maintainability)		A		- / 11.567	- / 6.338	- / 5.760	- / 5.882	- / 0.000	- / 5.882
P-3a	1 / Space Based Infrared Systems (SBIRS) (Reliability & Maintainability)		A		- / 0.000	- / 0.000	- / 7.875	- / 16.950	- / 0.000	- / 16.950
P-40a	Space Situational Awareness Operations				- / -	- / 3.088	- / 3.134	- / 32.137	- / -	- / 32.137
P-40a	Weather Service				- / -	- / 0.795	- / 0.804	- / 5.035	- / -	- / 5.035
P-40	**Total Gross/Weapon System Cost**				**- / 113.980**	**- / 48.152**	**- / 115.498**	**- / 448.674**	**- / -**	**- / 448.674**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Installation Industrial Support Systems		A		- / -	- / -	- / -	- / -	- / -	- / -
P-40a	NAVSTAR Global Positioning				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 18.873
P-40a	Space Superiority ISR				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Shared Early Warning System (SEWS)				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Ballistic Missile Defense Radars				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 51.779
P-40a	Cheyenne Mountain Complex				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 2.702
P-40a	Cheyenne Mountain Complex				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Ballistic Missile Early Warning				- / 6.630	- / 6.826	- / 0.000	- / 0.000	- / 0.000	- / 95.945
P-3a	1 / Ballistic Missile Early Warning (Reliability & Maintainability)		A		- / 0.000	- / -	- / -	- / -	- / -	- / 31.812
P-3a	2 / Ballistic Missile Early Warning (Reliability & Maintainability)		A		- / 0.000	- / -	- / -	- / -	- / -	- / 35.836
P-40a	Ballistic Missile Early Warning				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Submarine-Launched Ballistic Missile				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 33.698

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SPCMOD / Space Mods

ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1203906SF	Other Related Program Elements: 1203699SF

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)
P-3a	1 / PARCS Block 02 (Reliability & Maintainability)		A		- / 5.971	- / 5.985	- / 6.115	- / 6.238	- / -	- / 53.856
P-3a	1 / Space Based Infrared Systems (SBIRS) (Reliability & Maintainability)		A		- / 0.000	- / 0.000	- / 0.000	- / -	- / -	- / 24.825
P-40a	Space Situational Awareness Operations				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Weather Service				- / -	- / -	- / -	- / -	- / -	- / -
P-40	**Total Gross/Weapon System Cost**				**- / 91.792**	**- / 92.067**	**- / 95.722**	**- / 91.008**	**- / -**	**- / 1,096.893**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
This program, PE 0207510SF P-5, is a new start.
This program, Space Mods P-40A Category Deployable Sensitive Compartmented Information Facility (SCIF) Item Deployable SCIF, is a new start.

The Relocatable Facilities procurement (Installation Industrial Support Systems, PE 0207510SF), is a new start (P-5)

The Deployable Sensitive Compartmented Information Facility (SCIF) procurement (Space Superiority ISR, PE 1203330SF) is a new start (Space Mods P-40A)

NAVSTAR Global Positioning (P-40a):

NAVSTAR GPS: PE 1203165SF: FY 2026 funding will support costs for a technical refresh of the GPS Control Segment Ground Antenna (GA) Stations for sustainability and to support obsolescence remediation. This requirement will also provide technological improvements for cybersecurity hardening in accordance with DoDI 8500.01, DoDI 8510.01, and options for Radio Frequency (RF) / wireless detection at the remote sites.

FY 2026 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc.

Shared Early Warning System (SEWS) (P-40a):

The Systems Delta 85, Foreign Military Sales (FMS) Branch (SYD 85/BAF) is executing the Shared Early Warning System (SEWS) program for Combatant Commands (CCMDs) and foreign partners across Missile Warning and Defense Operations by providing accurate and timely missile warning information generated by space-based infrared sensors. As a result, the Service will improve and prepare infrastructure, accessions, and training for personnel and equipment growth and improve readiness and operational reach of existing force structure. SEWS will augment, supplement, and/or integrate Allies, partners, and commercial space to USSF units.

FY 2027 funds will provide the procurement of modification efforts, and capital equipment replacement of outdated components such as virtual processors, intrusion detection software, and other material solutions.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	P-1 Line Item Number / Title: SPCMOD / Space Mods	
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1203906SF	Other Related Program Elements: 1203699SF
Line Item MDAP/MAIS Code: N/A		

This effort is funded in PE 1203699SF Shared Early Warning System (SEWS).

Ballistic Missile Defense Radars (P-3a):

COBRA DANE Block 00: No FY 2027 funding requested.

This Effort is funded in PE 1203873SF - Ballistic Missile Defense Radars (BMDR)

Cheyenne Mountain Complex (P-40a):

NORAD CHEYENNE MOUNTAIN COMPLEX-INTEGRATED TACTICAL WARNING/ATTACK ASSESSMENT (NCMC-ITW/AA) SYSTEMS: FY 2027 funding procures replacement for reliability and maintainability of the information systems hardware and associated systems software for the NCMC-ITW/AA system and continues program support. Program support includes acquisition support/strategy, engineering and technical expertise associated with procurement, support services, test, travel and other program-related costs associated with install of procurement equipment. Due to the limited spares demand rates, and indefinite system lifespan, life-of-type buys may be required to support weapons system modifications across the active NCMC-ITW/AA Block programs.

FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc. This effort is funded in PE 1203906SF - Cheyenne Mountain Complex.

Ballistic Missile Early Warning System (BMEWS) Upgraded Early Warning Radars (UEWR Block 03, Block 04, and Block 06 (P3a, P-40a):

Block 03: FY 2027 funding will support ongoing program support costs for UEWR modification efforts and will initiate procurement of Capital Equipment Replacement of unsupportable mission and support equipment, initial spares, and lifetime buys of spares to include, but not limited to Frequency Timing Standard (FTS), and associated components. The Department of War (DoW)/Chief Information Officer (CIO) mandated timing transition to the Defense Information Systems Agency (DISA) Timing & Synchronization (TSSC) system. This project will replace the current Global Positioning System (GPS) antennas utilized for timing and synchronization of UEWR by integrating the UEWR FTS with the recently deployed TSSC system. Due to the limited spares, demand rates, and indefinite system lifespan, life-of-type buys may be required to support this weapon system.

Block 04: FY 2027 funding will support ongoing program support costs for UEWR modification efforts and will initiate procurement and deployment of Capital Equipment Replacement of unsupportable mission and support equipment, initial spares, and lifetime buys of spares to include, but not limited to, the Transitional Receiver Exciter (T-REX) and associated components. The T-REX replaces legacy and obsolete REX cabinets. Due to the limited spares demand rates, and indefinite system lifespan, life-of-type buys may be required to support this weapon system. FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc.

Block 06: FY 2027 funding will support ongoing UEWR modification efforts and will initiate procurement and deployment of Capital Equipment Replacement of unsupportable mission and support equipment, initial spares, and lifetime buys of spares to include, but not limited to, the Chatter Box and associated components. The Chatter Box upgrade is required by the October 2021 DoD Chief Information Officer (CIO) memo that directs all programs to migrate all components from Time Domain Multiplex (TDM) data transport to Transmission Control Protocol/Internet Protocol (TCP/IP)-based services prior to the expiration of their current contract for legacy services and no later than March 2025 for increased cybersecurity. In addition, the Chatter Box program replaces legacy and obsolete External Communications Processor (ECP) and External Interface Gateway (EIG) cabinets. Due to the limited spares demand rates, and indefinite system lifespan, life-of-type buys may be required to support this weapon system.

Thule A8 Repair (P-40a):

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	
ID Code (A=Service Ready, B=Not Service Ready):	**Program Elements for Code B Items:** 1203906SF	**Other Related Program Elements:** 1203699SF
Line Item MDAP/MAIS Code: N/A		

Space Force / Space Operations Command is requesting an additional 11,862,000 in the FY 2026 space procurement appropriation (APPN 3022) budget in the Space Mods project. This request is to improve the high-altitude electromagnetic protection of the Pituffik Radar complex.

This effort is funded in PE 1203909SF Ballistic Missile Early Warning System (BMEWS)

Perimeter Acquisition Radar Attack Characterization System (PARCS) Block 02 (P-3a):

Block 02: FY 2027 will fund ongoing PARCS modifications efforts to the system for the replacement of unsupportable and unreliable components to include, but not limited to, the PARCS Mission Data Processor, Radar Transmitter, Antenna Group, Exciter Group, Radio Frequency Signal Processor Group, Performance Monitor Group, Radar Return Generator Group, Digital Data Group, and Radar Controller Group, Power Amplifiers, and any associated initial spares. Due to the limited spares demand rates, and indefinite system lifespan, life-of-type buys may be required to support this weapon system. PARCS funding procures replacement components for unsupportable, unobtainable, and unreliable system components. PARCS equipment is composed of custom-built components that became obsolete in the 1980s. Most spare parts for this system are no longer available and have no logistics tail. Without replacements there is a high risk of mission failure and/or unacceptable downtime for repair. To best ensure operational availability, replacement projects are performed in phases targeting the highest risk components of the subsystems.

The effort is funded in PE 1203912SF Submarine Launched Ballistic Missile (SLBM) Detection and Warning System.

Space Based Infrared Systems (SBIRS) Relay Ground Station (RGS-H) Block 1 (P-3a):

FY 2026 funding will fund the relocation of Space Based Infrared System's (SBIRS) RGS mission systems in accordance with the site owner's directives. The current equipment needs to be tech refreshed so the system will be built in the new location with modern equipment and operational cut over for near zero downtime.

Funding for this effort is program element 1203915SF.

Ionospheric Ground Sensors (IGS) (P-40a):

IGS: FY 2027 Funding will complete Next Generation Ionospheric sensor (NEXION) site feasibility surveys and procure and install NEXION sensors and obliques receivers at selected sites. The oblique receivers will complement the NEXION sites and increase bottom side ionospheric data density for space weather models. FY2027 funding will be used to explore/purchase commercial scintillation data along with survey/ fielding of Ionospheric Scintillation Total electron content Observers (ISTOs).

The effort is funded in PE 1203940SF Space Situation Awareness Operations (SSAO).

Solar Electro-Optical Network (SEON) (P-40a):

SEON: FY 2027 funding will begin tech refresh of four (4) Radio Solar Telescope (RSTN) sites to address significant obsolescence and installation of the RSTN Test Bed, a unique rapid prototyping environment that will enable real time troubleshooting and evaluation to accelerate sustainment response timelines and mitigate operational risk. FY 2027 funding will also procure hardware for six (6) Solar Optical Observing Network follow-on sensors (ngGONG).

The effort is funded in PE 1203940SF Space Situation Awareness Operations.

AN/UMQ-13 Meteorological Data Station (MARK IV-B) (P-40a):

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	
ID Code (A=Service Ready, B=Not Service Ready):	**Program Elements for Code B Items:** 1203906SF	**Other Related Program Elements:** 1203699SF
Line Item MDAP/MAIS Code: N/A		

MARK IV-B: FY 2027 funding will provide for the initial procurement of two (2) new MARK IV-B sites in Pituffik Space Base (Thule, Greenland) and an INDOPACOM site. Long lead equipment will be purchased and planning for installations will begin. New sites in these two strategically important regions will greatly improve the tactical weather forecasting globally for all DOW/IC users. Funding will also procure engineering support for the program using an A&AS contract.

The effort is funded in PE 1205111SF Weather Service.

Service Contract Reduction: -587 thousand - Reduces contracts for Advisory and Assistance Services to promote efficiencies and advance the policies of the Administration in alignment with Executive Order 14222, "Implementing the President's Department of Government Efficiency Cost Efficiency Initiative."

Installation Inustrial Support Systems (P-5):

Relocatable Facilities (RLFs) (P-5) - FY2027 funds will be used to purchase, install, and equip four RLFs across multiple locations (Kirkland, Grand Forks, Huntsville, Colorado), that will serve as temporary facilities to support mission readiness for the FY27-FY28 new mission stand up. Each RLF and new facility will be designed to accommodate approximately 660-800 personnel, ensuring operational continuity and scalability for future mission requirements.

This effort is funded in PE 0207510SF Installation Industrial Support Systems.

Efforts with funding starting in FY 2028 through FY 2031 are summarized on the P-40. Not all details of this funding are included in this P-40 exhibit set. A summary of the excepted details is as follows:

(a) FY 2028 Cost Delta: 79.191 million
(b) FY 2029 Cost Delta: 79.256 million
(c) FY 2030 Cost Delta: 89.607 million
(d) FY 2031 Cost Delta: 84.770 million
(e) FY Total Cost Delta: 747.567 million

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: SPCMOD / Space Mods	Item Number / Title [DODIC]: Installation Industrial Support Systems
ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	4	-	4
Gross/Weapon System Cost *($ in Millions)*	-	-	-	350.000	-	350.000
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	-	-	350.000	-	350.000
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**-**	**-**	**350.000**	**-**	**350.000**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	87.500	-	87.500

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Hardware - Resilient Operations Centers Cost																		
Non Recurring Cost																		
Relocatable Facilities (RLFs)	-	-	-	-	-	-	-	-	-	87.500	4	350.000	-	-	-	87.500	4	350.000
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	*350.000*	-	-	-	-	-	*350.000*
Subtotal: Hardware - Resilient Operations Centers Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***350.000***	**-**	**-**	**-**	**-**	**-**	***350.000***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**87.500**	**4**	**350.000**	**-**	**-**	**-**	**87.500**	**4**	**350.000**

Remarks:
FY 2027 funding procures four relocatable facilities (RLFs) and related support equipment at Kirkland, NM; Grand Forks, ND; Huntsville, AL, and in Colorado as temporary operational center facilities to support mission readiness with plans to begin construction in FY 2027 for the FY 2027 thru FY 2028 mission standup of critical missions such as Air Moving Target Indicator (AMTI), Ground Moving Target Indicator (GMTI), Proliferated Warfighter Space Architecture (PWSA) global mission, as well as range and aggressor operations. Each RLF will be designed to accommodate approximately 600-800 personnel, ensuring operational continuity and scalability for future mission requirements.

Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Modification Items Title:** NAVSTAR Global Positioning

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
NAVSTAR-1 / NAVSTAR GPS-OCS COTS UPGRADE			-	-	1.376	-	-	-	-	-	17.497	-	-	-	-	-	-	-	-	-
Total			**-**	**-**	**1.376**	**-**	**-**	**0.000**	**-**	**-**	**17.497**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**

Item Number / Title	ID CD	MDAP/ MAIS Code	FY 2028			FY 2029			FY 2030			FY 2031			To Complete			Total Cost		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
NAVSTAR-1 / NAVSTAR GPS-OCS COTS UPGRADE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.873
Total			**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**18.873**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
NAVSTAR-1 / NAVSTAR GPS-OCS COTS UPGRADE	Blackhawk and IIR Flight Nav Systems	Capability Improvement

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Items Title:** Space Superiority ISR

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Deployable Sensitive Compartmented Information Facility (SCIF)																				
Deployable SCIF	A		-	-	-	-	-	-	-	-	-	2.013	1	2.013	-	-	0.000	2.013	1	2.013
Subtotal: Deployable Sensitive Compartmented Information Facility (SCIF)			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***2.013***	**-**	**-**	***0.000***	**-**	**-**	***2.013***
Total			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.013**	**-**	**-**	**0.000**	**-**	**-**	**2.013**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:
PE 1203330SF Space Superiority ISR (SSI):

The Space Superiority Intelligence (SSI) program provides intelligence for key find, fix, track, target, engage, and assess (F2T2EA) requirements supporting Space Superiority activities meeting Combatant Command (CCMD) and Combat Forces Command (CFC) needs. SSI develops intelligence capabilities supporting Space Force operations and space superiority capability acquisition and development. Funds development of intelligence Planning and direction, Collection, Processing and exploitation, Analysis and production, Dissemination and integration (PCPAD) capabilities providing Battlespace Awareness and Space Domain Awareness (SDA) in support of Space Superiority and Space Control. This includes funding for fixed-site and transportable intelligence collection; Processing, Exploitation and Dissemination (PED); analysis and production capabilities; and targeting capabilities. Procurement funding is used to procure deployable Secure Compartmented Information Facilities (SCIFs), consisting of a Command Module and a Service Module, for new worldwide "Orion's Belt" sites.

In FY 2027 Deployable SCIF is a new start in the Procurement, Space Force appropriation.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Items Title:** Shared Early Warning System (SEWS)

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
SEWS																				
Outdated Component Replacement Modification	A		-	-	-	0.393	1	0.393	0.394	1	0.394	0.409	1	0.409	-	-	-	0.409	1	0.409
Subtotal: SEWS			**-**	**-**	**-**	**-**	**-**	***0.393***	**-**	**-**	***0.394***	**-**	**-**	***0.409***	**-**	**-**	**-**	**-**	**-**	***0.409***
Total			**-**	**-**	**-**	**-**	**-**	**0.393**	**-**	**-**	**0.394**	**-**	**-**	**0.409**	**-**	**-**	**-**	**-**	**-**	**0.409**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Modification Items Title:** Ballistic Missile Defense Radars

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
COBRA DANE Block 00 / Ballistic Missile Defense Radars			-	-	51.779	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			**-**	**-**	**51.779**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**

Item Number / Title	ID CD	MDAP/ MAIS Code	FY 2028			FY 2029			FY 2030			FY 2031			To Complete			Total Cost		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
COBRA DANE Block 00 / Ballistic Missile Defense Radars			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.779
Total			**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**51.779**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
COBRA DANE Block 00 / Ballistic Missile Defense Radars	NA	Reliability & Maintainability

Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Modification Items Title:** Cheyenne Mountain Complex

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
NCMCB4 / NORAD Cheyenne Mountain Complex Block 04			-	-	2.315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NCMCB5 / Block 05			-	-	0.387	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			**-**	**-**	**2.702**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**

Item Number / Title	ID CD	MDAP/ MAIS Code	FY 2028			FY 2029			FY 2030			FY 2031			To Complete			Total Cost		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
NCMCB4 / NORAD Cheyenne Mountain Complex Block 04			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.315
NCMCB5 / Block 05			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.387
Total			**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**2.702**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
NCMCB4 / NORAD Cheyenne Mountain Complex Block 04	NORADCheyenneMountainComplex	Reliability & Maintainability
NCMCB5 / Block 05	NORADCheyenneMountainComplex	Reliability & Maintainability

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Items Title:** Cheyenne Mountain Complex

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
NCMC																				
Hardware	A		-	-	-	0.103	1	0.103	0.102	1	0.102	0.104	1	0.104	-	-	-	0.104	1	0.104
Subtotal: NCMC			**-**	**-**	**-**	**-**	**-**	***0.103***	**-**	**-**	***0.102***	**-**	**-**	***0.104***	**-**	**-**	**-**	**-**	**-**	***0.104***
Total			**-**	**-**	**-**	**-**	**-**	**0.103**	**-**	**-**	**0.102**	**-**	**-**	**0.104**	**-**	**-**	**-**	**-**	**-**	**0.104**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Modification Items Title:** Ballistic Missile Early Warning

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
BMEWS-UEWR-Block-04 / Ballistic Missile Early Warning			-	-	20.544	-	-	18.954	-	-	18.072	-	-	0.150	-	-	-	-	-	0.150
BMEWS-UEWR-Block-05 / Ballistic Missile Early Warning (BMEWS)			-	-	0.668	-	-	3.355	-	-	12.307	-	-	-	-	-	-	-	-	-
BMEWS-1 / BPP Block 02			-	-	4.439	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BMEWS-3 / DPSP			-	-	4.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			**-**	**-**	**29.651**	**-**	**-**	**22.309**	**-**	**-**	**30.379**	**-**	**-**	**0.150**	**-**	**-**	**0.000**	**-**	**-**	**0.150**

Item Number / Title	ID CD	MDAP/ MAIS Code	FY 2028			FY 2029			FY 2030			FY 2031			To Complete			Total Cost		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
BMEWS-UEWR-Block-04 / Ballistic Missile Early Warning			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57.720
BMEWS-UEWR-Block-05 / Ballistic Missile Early Warning (BMEWS)			-	-	6.630	-	-	6.826	-	-	-	-	-	-	-	-	-	-	-	29.786
BMEWS-1 / BPP Block 02			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.439
BMEWS-3 / DPSP			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.000
Total			**-**	**-**	**6.630**	**-**	**-**	**6.826**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**95.945**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
BMEWS-UEWR-Block-04 / Ballistic Missile Early Warning	NA	Reliability & Maintainability
BMEWS-UEWR-Block-05 / Ballistic Missile Early Warning (BMEWS)	NA	Reliability & Maintainability
BMEWS-1 / BPP Block 02	NA	Reliability & Maintainability
BMEWS-3 / DPSP	NA	Reliability & Maintainability

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 1 / Ballistic Missile Early Warning
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	11.829	3.188	0.800	15.995	0.000	15.995	0.000	-	-	-	-	31.812
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	11.829	3.188	0.800	15.995	0.000	15.995	0.000	-	-	-	-	31.812
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**11.829**	**3.188**	**0.800**	**15.995**	**0.000**	**15.995**	**0.000**	**-**	**-**	**-**	**-**	**31.812**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Block 03: FY 2027 will fund ongoing program support costs for UEWR modification efforts and will initiate procurement of Capital Equipment Replacement of unsupportable mission and support equipment, initial spares, and lifetime buys of spares to include, but not limited to Frequency Timing Standards (FTS), to include Information Assurance Auditing System (IAAS), and associated components. The Department of War (DoW)/Chief Information Officer (CIO) mandated timing transition to the Defense Information Systems Agency (DISA) Timing & Synchronization (TSSC) system. This project will replace the current GPS antennas utilized for timing and synchronization of UEWR by integrating the UEWR FTS with the recently deployed TSSC system. Due to the limited spares, demand rates, and indefinite system lifespan, life-of-type buys may be required to support this weapon system.

Milestone/Development Status

N/A

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 1 / Ballistic Missile Early Warning
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	
Models of Systems Affected: NA	**Modification Type:** Reliability & Maintainability	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Frequency Timing Standard												
B Kits												
Recurring												
Frequency Timing Standard:EQUIPMENT Group B (Active)	4 / 10.616	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 10.616
Subtotal: Recurring	*- / 10.616*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 10.616*
Subtotal: Frequency Timing Standard	*- / 10.616*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 10.616*
Subtotal: Procurement, All Modification Items	*- / 10.616*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 10.616*
Support *(All Modification Items)*												
GROUP B: TOTAL NONRECURRING	- / -	- / 2.588	- / -	- / 13.000	- / -	- / 13.000	- / -	- / -	- / -	- / -	- / -	- / 15.588
A&AS	- / 1.213	- / 0.600	- / 0.700	- / 2.165	- / -	- / 2.165	- / -	- / -	- / -	- / -	- / -	- / 4.678
OTHER GOVT	- / -	- / -	- / -	- / 0.030	- / -	- / 0.030	- / -	- / -	- / -	- / -	- / -	- / 0.030
Subtotal: Support	*- / 1.213*	*- / 3.188*	*- / 0.700*	*- / 15.195*	*- / -*	*- / 15.195*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 20.296*
Installation												
Modification Item 1 of 1: Frequency Timing Standard	- / -	- / -	1 / 0.100	3 / 0.800	- / -	3 / 0.800	- / -	- / -	- / -	- / -	- / -	4 / 0.900
Subtotal: Installation	*- / -*	*- / -*	*1 / 0.100*	*3 / 0.800*	*- / -*	*3 / 0.800*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*4 / 0.900*
Total												
Total Cost (Procurement + Support + Installation)	**11.829**	**3.188**	**0.800**	**15.995**	**0.000**	**15.995**	**0.000**	**-**	**-**	**-**	**-**	**31.812**

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 1 / Ballistic Missile Early Warning
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Modification Item 1 of 1: Frequency Timing Standard

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 15

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Contractor Facility

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	1 / 0.100	3 / 0.800	- / -	3 / 0.800	- / -	- / -	- / -	- / -	- / -	4 / 0.900
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 0.100	3 / 0.800	- / -	3 / 0.800	- / -	- / -	- / -	- / -	- / -	4 / 0.900

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	0	0	0	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4
Out	0	-	-	-	0	0	0	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 2 / Ballistic Missile Early Warning
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	4.278	8.138	3.421	19.999	0.000	19.999	0.000	-	-	-	-	35.836
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	4.278	8.138	3.421	19.999	0.000	19.999	0.000	-	-	-	-	35.836
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**4.278**	**8.138**	**3.421**	**19.999**	**0.000**	**19.999**	**0.000**	**-**	**-**	**-**	**-**	**35.836**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Block 06: FY 2027 will fund ongoing program support costs for UEWR modification efforts and will initiate procurement and deployment of Capital Equipment Replacement of unsupportable mission and support equipment, initial spares, and lifetime buys of spares to include, but not limited to, the Chatter Box and associated components along with the Time Domain Multiplexing (TDM) to Tele-Communications Protocol/ Internet Protocol (TCP/IP) conversion. The Chatter Box upgrade satisfies the DoD Chief Information Officer (CIO) memo dated 18 October 2021 that states "Long haul network providers and industry partners are no longer providing Time Domain Multiplexing technologies." Furthermore, the CIO memo directs programs to "Migrate all Components' mission requirements for transport to Internet Protocol based services prior to the expiration of their current contract for legacy services and no later than March 2025." The Chatter Box program also replaces legacy and obsolete External Communications Processor (ECP) and External Interface Gateway (EIG) cabinets. Due to the limited spares demand rates, and indefinite system lifespan, life-of-type buys may be required to support this weapon system.

Milestone/Development Status

N/A

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 2 / Ballistic Missile Early Warning
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	
Models of Systems Affected: NA	**Modification Type:** Reliability & Maintainability	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Chatter Box												
B Kits												
Recurring												
Chatter Box:EQUIPMENT Group B (Active)	2 / 3.733	3 / 6.635	1 / 2.921	6 / 14.940	- / -	6 / 14.940	- / -	- / -	- / -	- / -	- / -	12 / 28.229
Subtotal: Recurring	*- / 3.733*	*- / 6.635*	*- / 2.921*	*- / 14.940*	*- / -*	*- / 14.940*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 28.229*
Subtotal: Chatter Box	*- / 3.733*	*- / 6.635*	*- / 2.921*	*- / 14.940*	*- / -*	*- / 14.940*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 28.229*
Subtotal: Procurement, All Modification Items	*- / 3.733*	*- / 6.635*	*- / 2.921*	*- / 14.940*	*- / -*	*- / 14.940*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 28.229*
Support *(All Modification Items)*												
A&AS	- / 0.545	- / 1.503	- / 0.500	- / 3.859	- / -	- / 3.859	- / -	- / -	- / -	- / -	- / -	- / 6.407
Subtotal: Support	*- / 0.545*	*- / 1.503*	*- / 0.500*	*- / 3.859*	*- / -*	*- / 3.859*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 6.407*
Installation												
Modification Item 1 of 1: Chatter Box	2 / 0.000	3 / 0.000	1 / 0.000	6 / 1.200	- / -	6 / 1.200	- / -	- / -	- / -	- / -	- / -	12 / 1.200
Subtotal: Installation	*2 / -*	*3 / -*	*1 / 0.000*	*6 / 1.200*	*- / -*	*6 / 1.200*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*12 / 1.200*
Total												
Total Cost (Procurement + Support + Installation)	**4.278**	**8.138**	**3.421**	**19.999**	**0.000**	**19.999**	**0.000**	**-**	**-**	**-**	**-**	**35.836**

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 2 / Ballistic Missile Early Warning
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Modification Item 1 of 1: Chatter Box

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026					
Delivery Dates	Jan 2026	Jan 2027					

Installation Information

Method of Implementation: Contractor Facility

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	2 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	- / -	- / -	- / -	- / -	- / -	2 / 0.000
FY 2025	- / -	3 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	- / -	- / -	- / -	- / -	- / -	3 / 0.000
FY 2026	- / -	- / -	1 / 0.000	0 / 0.000	- / -	0 / 0.000	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2027	- / -	- / -	- / -	6 / 1.200	- / -	6 / 1.200	- / -	- / -	- / -	- / -	- / -	6 / 1.200
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 0.000	3 / 0.000	1 / 0.000	6 / 1.200	- / -	6 / 1.200	- / -	- / -	- / -	- / -	- / -	12 / 1.200

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	-	3	-	-	-	1	0	0	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	12
Out	2	-	-	-	3	-	-	-	1	0	0	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	12

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Items Title:** Ballistic Missile Early Warning

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
UEWR Block 00 Update																				
Subarray Power	A		-	-	-	0.400	1	0.400	0.070	1	0.070	-	-	-	-	-	-	-	-	-
Subtotal: UEWR Block 00 Update			**-**	**-**	**-**	**-**	**-**	***0.400***	**-**	**-**	***0.070***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
UEWR Block 01 Update																				
Array Group Drivers	A		-	-	-	1.500	1	1.500	0.100	1	0.100	-	-	-	-	-	-	-	-	-
Subtotal: UEWR Block 01 Update			**-**	**-**	**-**	**-**	**-**	***1.500***	**-**	**-**	***0.100***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
UEWR Block 02 Update																				
Beam Steering Unit	A		-	-	-	1.700	1	1.700	0.100	1	0.100	-	-	-	-	-	-	-	-	-
Subtotal: UEWR Block 02 Update			**-**	**-**	**-**	**-**	**-**	***1.700***	**-**	**-**	***0.100***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Thule A8 Repair																				
J-Plant HEMP Shielding	A		-	-	-	-	-	0.000	-	-	11.862	-	-	-	-	-	-	-	-	-
Power Generation and Distro System	A		-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
Subtotal: Thule A8 Repair			**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***11.862***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
UEWR Block 07 Update																				
Data Processor Signal Processor (DP/SP) Suite of Components	A		-	-	-	0.200	1	0.200	0.200	1	0.200	-	-	-	-	-	-	-	-	-
Subtotal: UEWR Block 07 Update			**-**	**-**	**-**	**-**	**-**	***0.200***	**-**	**-**	***0.200***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
UEWR Block 03 Update																				
FTS	A		-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
Subtotal: UEWR Block 03 Update			**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**-**	**-**	**-**	**3.800**	**-**	**-**	**12.332**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:
11.862 is requested in FY 2026 for Thule A8 Repair to improve the high-altitude electromagnetic protection of the Pituffik Radar complex.

Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Modification Items Title:** Submarine-Launched Ballistic Missile

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
PARCSB1 / PARCS Block 01			-	-	0.798	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cape Cod Repair / HEMP Shielding			-	-	-	-	-	-	-	-	32.900	-	-	-	-	-	-	-	-	-
Total			**-**	**-**	**0.798**	**-**	**-**	**0.000**	**-**	**-**	**32.900**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**

Item Number / Title	ID CD	MDAP/ MAIS Code	FY 2028			FY 2029			FY 2030			FY 2031			To Complete			Total Cost		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
PARCSB1 / PARCS Block 01			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.798
Cape Cod Repair / HEMP Shielding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.900
Total			**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**33.698**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
PARCSB1 / PARCS Block 01	NA	Reliability & Maintainability
Cape Cod Repair / HEMP Shielding	HEMP	Service Life Extension

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	P-1 Line Item Number / Title: SPCMOD / Space Mods	Modification Number / Title: 1 / PARCS Block 02
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	11.567	6.338	5.760	5.882	0.000	5.882	5.971	5.985	6.115	6.238	-	53.856
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	11.567	6.338	5.760	5.882	0.000	5.882	5.971	5.985	6.115	6.238	-	53.856
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**11.567**	**6.338**	**5.760**	**5.882**	**0.000**	**5.882**	**5.971**	**5.985**	**6.115**	**6.238**	**-**	**53.856**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Perimeter Acquisition Radar Attack Characterization System (PARCS) Program Office plans for and procures replacement components for otherwise unsupportable, unobtainable, and unreliable system components. PARCS equipment is composed of custom built components that became obsolete in the 1980s. Most spare parts for this system are no longer available and have no logistics tail. Without replacements, there is a high risk of mission failure and/or unacceptable downtime for repair. To best ensure operational availability, replacement projects are performed in phases targeting the highest risk components of the subsystems.

This program was previously funded out of Air Force Appropriation 3021 Space Procurement, PEC: 1203912F, BPAC: 23SMOD.

Perimeter Acquisition Radar Attack Characterization System (PARCS) Block 02 (P-3a):

FY 2027 will fund Block 02 by continuing modifications to the PARCS system for the replacement of unsupportable and unreliable components to include, but not limited to, the PARCS Mission Data Processor, Radar Transmitter, Antenna Group, Exciter Group, Radio Frequency Signal Processor Group, Performance Monitor Group, Radar Return Generator Group, Digital Data Group, and Radar Controller Group, Power Amplifiers, and any associated initial spares. Due to the limited spares demand rates, and indefinite system lifespan, life-of-type buys may be required to support this weapon system. PARCS funding procures replacement components for unsupportable, unobtainable, and unreliable system components. PARCS equipment is composed of custom-built components that became obsolete in the 1980s. Most spare parts for this system are no longer available and have no logistics tail. Without replacements there is a high risk of mission failure and/or unacceptable downtime for repair. To best ensure operational availability, replacement projects are performed in phases targeting the highest risk components of the subsystems.

The effort is funded in PE 1203912SF Submarine-Launched Ballistic Missile (SLBM) Detection and Warning System.

Milestone/Development Status

N/A

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 1 / PARCS Block 02
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	
Models of Systems Affected: NA	**Modification Type:** Reliability & Maintainability	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 2: COMMON: Install Kits (2)												
A Kits												
Recurring												
COMMON: Install Kits:INSTALL KITS Group A (Active)	- / 0.200	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.900
Subtotal: Recurring	*- / 0.200*	*- / 0.100*	*- / 0.100*	*- / 0.100*	*- / -*	*- / 0.100*	*- / 0.100*	*- / 0.100*	*- / 0.100*	*- / 0.100*	*- / -*	*- / 0.900*
Subtotal: COMMON: Install Kits (2)	*- / 0.200*	*- / 0.100*	*- / 0.100*	*- / 0.100*	*- / -*	*- / 0.100*	*- / 0.100*	*- / 0.100*	*- / 0.100*	*- / 0.100*	*- / -*	*- / 0.900*
Modification Item 2 of 2: PARCS: EQUIPMENT (2)												
B Kits												
Recurring												
PARCS: EQUIPMENT:EQUIPMENT Group B (Active)	2 / 6.761	1 / 5.238	1 / 4.660	1 / 4.782	- / -	1 / 4.782	1 / 4.871	1 / 4.885	1 / 5.015	1 / 5.138	- / -	9 / 41.350
Subtotal: Recurring	*- / 6.761*	*- / 5.238*	*- / 4.660*	*- / 4.782*	*- / -*	*- / 4.782*	*- / 4.871*	*- / 4.885*	*- / 5.015*	*- / 5.138*	*- / -*	*- / 41.350*
Subtotal: PARCS: EQUIPMENT (2)	*- / 6.761*	*- / 5.238*	*- / 4.660*	*- / 4.782*	*- / -*	*- / 4.782*	*- / 4.871*	*- / 4.885*	*- / 5.015*	*- / 5.138*	*- / -*	*- / 41.350*
Subtotal: Procurement, All Modification Items	*- / 6.961*	*- / 5.338*	*- / 4.760*	*- / 4.882*	*- / -*	*- / 4.882*	*- / 4.971*	*- / 4.985*	*- / 5.115*	*- / 5.238*	*- / -*	*- / 42.250*
Support *(All Modification Items)*												
A&AS	- / 4.606	- / 0.500	- / 0.550	- / 0.525	- / -	- / 0.525	- / 0.500	- / 0.500	- / 0.500	- / 0.500	- / -	- / 8.181
OTHER GOVT	- / -	- / 0.500	- / 0.450	- / 0.475	- / -	- / 0.475	- / 0.500	- / 0.500	- / 0.500	- / 0.500	- / -	- / 3.425
Subtotal: Support	*- / 4.606*	*- / 1.000*	*- / 1.000*	*- / 1.000*	*- / -*	*- / 1.000*	*- / 1.000*	*- / 1.000*	*- / 1.000*	*- / 1.000*	*- / -*	*- / 11.606*
Installation												
Subtotal: Installation	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*
Total												
Total Cost (Procurement + Support + Installation)	**11.567**	**6.338**	**5.760**	**5.882**	**0.000**	**5.882**	**5.971**	**5.985**	**6.115**	**6.238**	**-**	**53.856**

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 1 / PARCS Block 02
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Modification Item 1 of 2: COMMON: Install Kits (2)

Manufacturer Information

Manufacturer Name: N/A	Manufacturer Location: N/A
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation (Organic): Org/Intermediate	**Installation Quantity:** 0

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 1 / PARCS Block 02
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**
Modification Item 2 of 2: PARCS: EQUIPMENT (2)		

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 15

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Delivery Dates	Jun 2026	Jun 2027	Jun 2028	Jun 2029	Jun 2030	Jun 2031	Jun 2032

Installation Information

Method of Implementation (Organic): Org/Intermediate	**Installation Quantity:** 9

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 1 / Space Based Infrared Systems (SBIRS)
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	7.875	16.950	0.000	16.950	0.000	0.000	0.000	-	-	24.825
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	7.875	16.950	0.000	16.950	0.000	0.000	0.000	-	-	24.825
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**7.875**	**16.950**	**0.000**	**16.950**	**0.000**	**0.000**	**0.000**	**-**	**-**	**24.825**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
FY27 funding is being used to convert the maintenance of the S2E2 system from contractor maintenance to USSF maintenance. This effort includes providing maintenance documents, training documents and training to new USSF maintainers.

Milestone/Development Status

N/A

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 1 / Space Based Infrared Systems (SBIRS)
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	
Models of Systems Affected: NA	**Modification Type:** Reliability & Maintainability	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Relay Ground Station												
B Kits												
Recurring												
Relay Ground Station:EQUIPMENT Group B (Active)	- / -	- / -	1 / 7.000	1 / 16.000	- / -	1 / 16.000	- / -	- / -	- / -	- / -	- / -	2 / 23.000
Subtotal: Recurring	- / -	- / -	- / *7.000*	- / *16.000*	- / -	- / *16.000*	- / -	- / -	- / -	- / -	- / -	- / *23.000*
Subtotal: Relay Ground Station	- / -	- / -	- / *7.000*	- / *16.000*	- / -	- / *16.000*	- / -	- / -	- / -	- / -	- / -	- / *23.000*
Subtotal: Procurement, All Modification Items	- / -	- / -	- / *7.000*	- / *16.000*	- / -	- / *16.000*	- / -	- / -	- / -	- / -	- / -	- / *23.000*
Support *(All Modification Items)*												
A&AS	- / -	- / -	- / 0.675	- / 0.700	- / -	- / 0.700	- / -	- / -	- / -	- / -	- / -	- / 1.375
OTHER GOVT	- / -	- / -	- / 0.200	- / 0.250	- / -	- / 0.250	- / -	- / -	- / -	- / -	- / -	- / 0.450
Subtotal: Support	- / -	- / -	- / *0.875*	- / *0.950*	- / -	- / *0.950*	- / -	- / -	- / -	- / -	- / -	- / *1.825*
Installation												
Modification Item 1 of 1: Relay Ground Station	- / -	- / -	1 / 0.000	1 / 0.000	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	2 / 0.000
Subtotal: Installation	- / -	- / -	*1 / 0.000*	*1 / 0.000*	- / -	*1 / 0.000*	- / -	- / -	- / -	- / -	- / -	*2 / 0.000*
Total												
Total Cost (Procurement + Support + Installation)	**0.000**	**0.000**	**7.875**	**16.950**	**0.000**	**16.950**	**0.000**	**0.000**	**0.000**	**-**	**-**	**24.825**

Exhibit P-3a, Individual Modification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Modification Number / Title:** 1 / Space Based Infrared Systems (SBIRS)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:

Modification Item 1 of 1: Relay Ground Station

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 8

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		Jan 2026	Jan 2027				
Delivery Dates		Sep 2026	Sep 2027				

Installation Information

Method of Implementation: Contract Field Team

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2027	- / -	- / -	- / -	1 / 0.000	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 0.000	1 / 0.000	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	2 / 0.000

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2
Out	0	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Items Title:** Space Situational Awareness Operations

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Product Procurement																				
IGS	A		-	-	-	-	-	0.000	2.646	1	2.646	1.230	5	6.150	-	-	-	1.230	5	6.150
SEON	A		-	-	-	3.088	1	3.088	-	-	-	1.022	4	4.087	-	-	-	1.022	4	4.087
NgGONG	A		-	-	-	-	-	-	-	-	-	20.000	1	20.000	-	-	-	20.000	1	20.000
Subtotal: Product Procurement			**-**	**-**	**-**	**-**	**-**	***3.088***	**-**	**-**	***2.646***	**-**	**-**	***30.237***	**-**	**-**	**-**	**-**	**-**	***30.237***
Support Cost																				
A&AS IGS	A		-	-	-	-	-	-	0.438	1	0.438	0.900	1	0.900	-	-	-	0.900	1	0.900
A&AS SEON	A		-	-	-	-	-	-	-	-	-	0.900	1	0.900	-	-	-	0.900	1	0.900
SHIPPING-TAPOUT	A		-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-
SITE CONSTRUCTION-TAPOUT	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEASING EXPENSES-TAPOUT	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IGS OTHER	A		-	-	-	-	-	-	0.050	1	0.050	0.050	1	0.050	-	-	-	0.050	1	0.050
SEON Other	A		-	-	-	-	-	-	-	-	-	0.050	1	0.050	-	-	-	0.050	1	0.050
Subtotal: Support Cost			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.488***	**-**	**-**	***1.900***	**-**	**-**	**-**	**-**	**-**	***1.900***
Total			**-**	**-**	**-**	**-**	**-**	**3.088**	**-**	**-**	**3.134**	**-**	**-**	**32.137**	**-**	**-**	**-**	**-**	**-**	**32.137**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPCMOD / Space Mods	**Aggregated Items Title:** Weather Service

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Product Procurement																				
MARK IV-B	A		-	-	-	0.745	1	0.745	0.774	1	0.774	2.355	2	4.709	-	-	-	2.355	2	4.709
Subtotal: Product Procurement			**-**	**-**	**-**	**-**	**-**	***0.745***	**-**	**-**	***0.774***	**-**	**-**	***4.709***	**-**	**-**	**-**	**-**	**-**	***4.709***
Support-Support End Item Cost																				
Support Cost	A		-	-	-	0.050	1	0.050	0.030	1	0.030	-	-	0.326	-	-	-	-	-	0.326
Subtotal: Support-Support End Item Cost			**-**	**-**	**-**	**-**	**-**	***0.050***	**-**	**-**	***0.030***	**-**	**-**	***0.326***	**-**	**-**	**-**	**-**	**-**	***0.326***
Total			**-**	**-**	**-**	**-**	**-**	**0.795**	**-**	**-**	**0.804**	**-**	**-**	**5.035**	**-**	**-**	**-**	**-**	**-**	**5.035**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SPRNGE / Spacelift Range System Space
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** 1203182SF
Line Item MDAP/MAIS Code: N/A	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	63.798	64.321	64.885	-	64.885	64.356	65.240	66.672	68.008	-	457.280
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	63.798	64.321	64.885	-	64.885	64.356	65.240	66.672	68.008	-	457.280
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**63.798**	**64.321**	**64.885**	**-**	**64.885**	**64.356**	**65.240**	**66.672**	**68.008**	**-**	**457.280**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

System Delta 80 is developing, sustaining and executing the Launch and Test Range System (LTRS) Modernization (aka Spacelift Range System) (Project SPRNGE) for Guardians across Space Access, Command and Control, Operations, and Ops Commands. As a result, the Service will deliver space domain awareness capabilities, improve readiness and operational reach of existing force structure, deter, neutralize, defeat and/or destroy counterspace threats and defend the homeland, continue to advance all near term effects, and ensure resilient infrastructure, equipment, and personnel.

This program falls within the Launch mission area which provides the launch systems and corresponding ground architecture required to provide assured access to space. Space Force investment program interdependencies include:

RDT&E Budget Line Items: National Security Space Launch Program (Space) - EMD (1206853SF); National Security Space Launch Pgm (1203953SF); Rocket System Launch Program (1206860SF); SDA Launch Procurement (1203954SF); Space Access, Mobility & Logistics (1203955SF); Spacelift Range System (1203182SF); Tactically Responsive Launch (1206862SF); and elements of Procurement Budget Line Items: Spacelift Range System Space (SPRNGE); National Security Space Launch (NSSL00); and Space Development Agency Launch (SDALCH).

The Spacelift Range System (SLRS), also known as the Launch and Test Range System (LTRS), provides public safety and assured access to space. LTRS operates at the Eastern Range (ER) at Patrick SFB/ Cape Canaveral SFS, FL and the Western Range (WR) at Vandenberg SFB, CA. LTRS provides tracking, telemetry, communications, flight safety, and other capabilities to support launch of national security space (NSS), civil and commercial space payloads, Intercontinental and Sea Launched ballistic missile and missile defense evaluations, as well as aeronautical and guided weapon tests. LTRS ensures ability to meet the national launch requirement, safely supports the launch cadence of ER/WR launch requirement holders and provides assured access to space for the nation. The ER and WR are designated as Department of War Major Range and Test Facility Bases (MRTFB). LTRS is comprised of 12 subsystems that together provide this capability to the ranges. The Range Safety, Command Destruct, and Positive Control subsystems provide the capability to destroy an errant rocket, if necessary to protect public safety. These subsystems rely on Telemetry, Radar, and Optics subsystems to provide tracking data. The Weather and Surveillance subsystems allow range operators and customers to determine if conditions are safe for launch. The Communications, Data Handling, and Timing & Sequencing subsystems ensure critical data is expeditiously routed from remote sensors (e.g., radars, optics) to range operators and customers. Finally, the Planning and Scheduling subsystem ensures all assets are available when needed for a launch or test operation. The Space Force prioritizes procurement funds to transform LTRS to industry commercial standard technology and practices and ensure aging range equipment is modernized or replaced to meet current and projected mission requirements derived from documented Range user needs. Sustainment trends are continuously analyzed and assessed across all 12 subsystems and procurement funds are used to modernize the most critical mission equipment and procure replacement components. The LTRS program adopted a Digital Transformation approach to move components of

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	P-1 Line Item Number / Title: SPRNGE / Spacelift Range System Space	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 1203182SF
Line Item MDAP/MAIS Code: N/A		

subsystems out of sustainment into current state of practice and develop new capabilities required for modern Spaceport needs with increasingly digital infrastructure, data capabilities, and efficiencies harnessed through emerging technological advancements. The shift from the LTRS program into the Spaceports of the Future (SOTF) will be accomplished over the coming years through capability transformation.

To meet evolving technological requirements and Spaceport of the Future objectives, LTRS rebalanced funding from a predominantly Procurement focused appropriation to a balanced appropriation mix of Procurement and RDT&E funding through a Zero Baseline Transfer FY 2025 and beyond. This realignment of appropriations ensures requirements expend against the appropriation most suited for the type of development work required for mission fulfillment. No requirements planned for Procurement obligations were sacrificed to achieve this shift in funding profile, but a large subset of these requirements to modernize Range Instrumentation and associated services were moved to the software acquisition pathway effort as core capabilities.

1) LTRS Replenishment Spares Procurement: Provides peculiar and common support material, required re-procurement data, and interim supply support management.

2) LTRS Support Services: Federally Funded Research and Development Centers (FFRDC) provide mission assurance activities ensure all twelve subsystems are compatible with mission rules and do not pose a risk to safe and cost-effective satellite launches. Funds are also used for Systems Engineering and Integration (SE&I) to ensure baseline documentation and modernization activities remain synchronized with the sustainment baseline; and Advisory and Assistance Services (A&AS) to provide a broad range of acquisition and program management and administrative capabilities to execute effective and responsive integrated program management of space-related research, development, production, and lifecycle acquisition activities.

3) LTRS Commodities Procurement: LTRS commodities procurement will meet Space Force Commander's Spaceport of the Future (SOTF) direction, formerly known as Range of the Future (ROTF), to: (1) ensure LTRS meets increasing launch capacity demand on the ER and WR; and (2) provide user support to launch and test requirement holders. The Commander's intent is that LTRS capability will not constrain the national space launch cadence. The Space Force will use various contract vehicles to procure, configure, install and integrate SOTF system architecture modifications to support requirements. These modifications will include advanced data reception, transport, and processing capability and modernized telemetry formats leveraging dispersed and disaggregated deployment concepts.

4) Digital Transformation (previously: Digital Edge Modernization (DEM)): Transforms Eastern Range (ER) and Western Range (WR) Launch and Test Range System (LTRS) sensors and systems providing data, video, and communications to conduct data-driven command and control (C2) of launch operations in pursuit of SOTF goals. The information-intensive transformation from siloed LTRS systems to an interconnected ecosystem integrating information, applications, and sensors will provide on-demand, automated and scalable data and operational services to meet continuously evolving government and industry launch and test requirements. Digital transformation will enable a commercial standard LTRS ecosystem, leveraging enterprise cloud services and modern software development strategies to deliver resilient capability at speed while flexibly integrating launch operations data and applications across the 12 LTRS subsystems. Digital Transformation will adapt LTRS to accommodate flexible, responsive, and affordable launch, recovery, and test and evaluation operations allowing scalability for accelerating launch capacity and cadence.

SOTF Projects will enable responsive and resilient LTRS operations following full Autonomous Flight Safety System (AFSS) implementation on ER and WR. LTRS must support non-AFSS equipped Major Range and Test Facility Base (MRTFB) activities through 2030. LTRS operations are in line with CSO guidance for AFSS implementation at USSF Spaceports. There are currently no Exceptions to Policy for Government Test and Evaluation (T&E) programs beyond 2030. USSF is working with Government T&E programs to address AFSS implementation needs beyond 2030. Test Resource Management Community (TRMC) has advised the need for continued Flight Termination System (FTS) and new Enhanced FTS (EFTS) support required for multiple customers through 2040 (objective) and potentially 2045 (threshold) for Next Generation Missile Defense (NGMD) using the Ranges' support as MRTFB facilities, as starting in Fiscal Year 2026 with the first full test scheduled in Fiscal Year 2027.

FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate through the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility, etc.

Funding for this exhibit is contained in PE 1203182SF.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** SPRNGE / Spacelift Range System Space

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 1203182SF

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Space Lift Range System Modernization		A		- / -	- / 63.798	- / 64.321	- / 64.885	- / -	- / 64.885
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 63.798**	**- / 64.321**	**- / 64.885**	**- / -**	**- / 64.885**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

LTRS Commodities Procurement (P-5): Under Digital Transformation, FY 2027 funds will procure hardware, software, and enhanced capabilities for the LTRS systems. FY 2027 begins implementation of Hybrid Cloud Data Center moving away from on-premise solutions, upgrading and modernization of telemetry and key radar systems, continuing work on the Network Operations Center, implementing the basis of a common operating picture for the SOTF realization, and beginning planned divestitures of legacy Range system hardware.

LTRS Interim Supply Support (P-5): FY 2027 funds will continue to provide LTRS supply support to include spares, spares management support, and management support in preparation of delivering SOTF modernized systems and executing Digital Transformation. The FY 2027 funds will enable increased operations tempo, increased requirements due to FIAR audits and the expansion of enterprise Service Level Agreements.

LTRS Support Services (P-5): FY 2027 funds will continue FFRDC mission assurance and procurement and research and development to ensure LTRS remains technically compatible with launch mission assurance and mission safety. Funds will support A&AS, SE&I and program management for LTRS system engineering baseline currency throughout modernization and Digital Transformation program acquisition and research and development activities. LTRS relies significantly on this support to augment its lean government employees to ensure that all Range subsystems are supported and cybersecurity risks are minimized. Additionally, FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate in the contested space domain. Activities include, but are not limited to, program office support, studies, technical analysis, etc. which ensures future engineering and architecture changes conform to Spaceport of the Future requirements.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPRNGE / Spacelift Range System Space	**Item Number / Title [DODIC]:** Space Lift Range System Modernization
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	63.798	64.321	64.885	-	64.885
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	63.798	64.321	64.885	-	64.885
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**63.798**	**64.321**	**64.885**	**-**	**64.885**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Hardware - Spacelift Range System Space Cost																		
Non Recurring Cost																		
Commodities Procurement	-	-	-	-	-	30.623	-	-	28.260	-	-	38.047	-	-	-	-	-	38.047
Subtotal: Non Recurring Cost	-	-	-	-	-	*30.623*	-	-	*28.260*	-	-	*38.047*	-	-	-	-	-	*38.047*
Subtotal: Hardware - Spacelift Range System Space Cost	**-**	**-**	**-**	**-**	**-**	***30.623***	**-**	**-**	***28.260***	**-**	**-**	***38.047***	**-**	**-**	**-**	**-**	**-**	***38.047***
Logistics - Spacelift Range System Space Cost																		
Recurring Cost																		
Interim Supply Support Material (Parts/ Supplies)	-	-	-	-	-	8.047	-	-	8.690	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Recurring Cost	-	-	-	-	-	*8.047*	-	-	*8.690*	-	-	*0.000*	-	-	-	-	-	*0.000*
Subtotal: Logistics - Spacelift Range System Space Cost	**-**	**-**	**-**	**-**	**-**	***8.047***	**-**	**-**	***8.690***	**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***0.000***
Support - Spacelift Range System Space Cost																		
FFRDC	-	-	-	-	-	4.607	-	-	1.455	-	-	1.352	-	-	-	-	-	1.352
Advisory and Assistance Services (A&AS)	-	-	-	-	-	6.693	-	-	10.586	-	-	8.632	-	-	-	-	-	8.632
Other Support	-	-	-	-	-	3.507	-	-	1.058	-	-	1.090	-	-	-	-	-	1.090
Enterprise Systems Engineering and Integration	-	-	-	-	-	10.321	-	-	14.272	-	-	0.000	-	-	-	-	-	0.000

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** SPRNGE / Spacelift Range System Space	**Item Number / Title [DODIC]:** Space Lift Range System Modernization
ID Code (A=Service Ready, B=Not Service Ready) : A	**MDAP/MAIS Code:**	

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Space Force Range Contract (SFRC)	-	-	-	-	-	-	-	-	-	-	-	15.764	-	-	-	-	-	15.764
Subtotal: Support - Spacelift Range System Space Cost	**-**	**-**	**-**	**-**	**-**	***25.128***	**-**	**-**	***27.371***	**-**	**-**	***26.838***	**-**	**-**	**-**	**-**	**-**	***26.838***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**63.798**	**-**	**-**	**64.321**	**-**	**-**	**64.885**	**-**	**-**	**-**	**-**	**-**	**64.885**

Remarks:

- Unit quantities and costs vary widely for multiple types and configurations of equipment being procured under modernization and sustainment project cost elements each fiscal year.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** WSOMS0 / Wideband SATCOM Operational Management Systems

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	92.380	81.483	-	81.483	38.217	39.435	38.511	39.283	-	329.309
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	0.000	92.380	81.483	-	81.483	38.217	39.435	38.511	39.283	-	329.309
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**92.380**	**81.483**	**-**	**81.483**	**38.217**	**39.435**	**38.511**	**39.283**	**-**	**329.309**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Note: The Wideband Satellite Communications (SATCOM) Operational Management System (WSOMS) program is transitioning from Department of the Army (OSW Program Elements (PE) 0303142A, 0310700A, 0702207A, and 0702806A) to U.S. Space Force (OSW PE 1203605SF) effective FY 2026.

The WSOMS System of Systems (SoS) integrates Commercial-Off-The-Shelf (COTS)-based telecommunications hardware (servers, workstations, routers, switches, and encryption devices) and software applications into a suite of planning and management tools that enable the efficient use of the Wideband Global SATCOM (WGS) constellation for the Department of War (DoW) and International Partners (IP).

This program falls within the Satellite Communications (SATCOM) mission area which provides the space and dedicated ground architecture required to securely transport wideband, narrowband, tactical, and strategic satellite communications, including USSF-funded SATCOM terminals and commercial SATCOM activities. Space Force investment program interdependencies include:
RDT&E Budget Line Items: Advanced EHF MILSATCOM (1206431SF); Commercial SATCOM Integration (1206445SF); Evolved Strategic SATCOM (ESS) (1206855SF); Family of Adv BLoS Terminals (FAB-T) (1203001SF); Narrowband Satellite Communications (1203109SF); Protected Tactical Enterprise Service (1206760SF); Protected Tactical Service (1206761SF; Space Tech Development & Prototyping (1206410SF); Tech Transition (Space) (1206458SF); Wideband Global SATCOM (SPACE) (1206433SF); Data Transport and Networking (1203156SF); Space Data Network (1203636SF); and elements of Procurement Budget Line Items: Family of Beyond Line-of-Sight Terminals (FBLOST); Mobile User Objective System (MUOS00); MILSATCOM (MILSAT); Wideband SATCOM Operational Management Systems (WSOMS0); Auxiliary Payloads (AUX000); Proliferated Low Earth Orbit SATCOM (PLEO00); PTES HUB (PTES00); ESS (ESS000).

This SoS is composed of various hardware and software to perform the satellite payload control planning and management capabilities. The WSOMS SoS consists of nine (9) subsystems that interoperate to provide the wideband payload control management function as follows: Common Network Planning Software (CNPS) - Plans satellite communication networks based on combatant command requirements; Global SATCOM Configuration Control Element (GSCCE) - Controls the WGS spacecraft and monitors the health, performance, and state of the configuration; Wideband Remote Monitoring Sensor (WRMS) - Provides spectrum monitoring functions for the management and control of the wideband spacecraft resources; Wideband SATCOM Trend Analysis and Anomaly Resolution System / WSOMS Mediated Interoperability Infrastructure (WSTARS/WMII) - Provides a private cloud computing/data management services for WSOMS, enabling WSOMS subsystems to communicate and interoperate with one another; Power Control Management Subsystem (PCMS) - Reaching Initial Operational Capability (IOC) in FY26, PCMS will provide management of the wideband Military SATCOM (MILSATCOM) strategic terminals in order to provide situational awareness, automated power control and reconfiguration of modems and terminals for both routine beam transitions for mobile terminals and restoral activities to minimize user outages in contested environments; and subsystems within the WSOMS SoS provide infrastructure services: Cross Domain Solution (CDS), Remote Monitoring and Control Equipment (RMCE), Replacement Radio Frequency Interconnecting Subsystem (RRFIS), and WSOMS Network (WSOMSNet).

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** WSOMS0 / Wideband SATCOM Operational Management Systems	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

The WSOMS SoS provides worldwide, flexible, high-capacity communications for the US DoW, Government agencies, multiple IPs and Joint Forces including deployed troops, naval vessels, aircraft, and spacecraft to maintain contact at the tactical, operational, and strategic levels. It provides essential global communications services allowing combatant commands to exert command and control of the tactical forces. Tactical forces rely on wideband SATCOM to provide high-capacity connectivity between individual users and the DoD Information Network (DoDIN).

WSOMS SoS requirements are traced from the WSOMS Capability Production Document (CPD) Inc 1, the Payload Control Management (PCM) Annex to the WSOMS CPD Inc 1, various USSF Space Delta 8 Concept of Operations (CONOPS), DoW Chief Information Officer (CIO) Fulcrum Information Technology (IT) Advancement Strategy, DoW C3 Modernization Strategy, DoW Software Modernization Strategy, and the DoW CIO Enterprise Satellite Communications Management and Control (ESC-MC) CONOPS.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 01: Space Procurement, SF / BSA 10: Space Programs	**P-1 Line Item Number / Title:** WSOMS0 / Wideband SATCOM Operational Management Systems

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	Wideband SATCOM Operational Management Systems		A		- / -	- / 0.000	- / 92.380	- / 81.483	- / -	- / 81.483
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 0.000**	**- / 92.380**	**- / 81.483**	**- / -**	**- / 81.483**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

FY 2027 funding will continue to provide for CNPS, GSCCE, PCMS, WRMS, and WSTARS/WMII modernization to develop and integrate data analytics to assist in identifying and resolving system performance anomalies, and to improve resiliency for combatant command operations. It will modernize the WSOMS network infrastructure (CDS, RMCE, RRFIS, and WSOMSNet) to support security information and event management features to enable near real-time analysis of network security alerts and to improve network robustness and resiliency. In addition, FY 2027 funding will continue to incorporate the significantly increased capabilities of WGS space vehicles 11 and 12 into these systems.

FY 2027 funding will allow the program to rapidly respond to implement system resiliency and situational awareness necessary to operate in the contested space domain. Activities may include, but are not limited to, program office support, studies, technical analysis, experimentation, risk reduction, prototyping, and activities that may leverage commercial, U.S. Government partnership, and international opportunities to respond to existing and emerging adversarial threats with speed and agility.

Exhibit P-5, Cost Analysis: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 01 / 10	**P-1 Line Item Number / Title:** WSOMS0 / Wideband SATCOM Operational Management Systems	**Item Number / Title [DODIC]:** Wideband SATCOM Operational Management Systems
ID Code (A=Service Ready, B=Not Service Ready) : A		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	92.380	81.483	-	81.483
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	0.000	92.380	81.483	-	81.483
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**92.380**	**81.483**	**-**	**81.483**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	0.000	0.000	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ M)*	Qty *(Each)*	Total Cost *($ M)*
Software - Wideband Satellite Communications Operational Management System Cost																		
Recurring Cost																		
WSOMS	-	-	-	-	-	0.000	-	-	72.852	-	-	64.314	-	-	-	-	-	64.314
Subtotal: Recurring Cost	-	-	-	-	-	*0.000*	-	-	*72.852*	-	-	*64.314*	-	-	-	-	-	*64.314*
Subtotal: Software - Wideband Satellite Communications Operational Management System Cost	**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***72.852***	**-**	**-**	***64.314***	**-**	**-**	**-**	**-**	**-**	***64.314***
Support - Wideband SATCOM Operational Management Systems Cost																		
Program Engineering	-	-	-	-	-	-	-	-	19.528	-	-	17.169	-	-	-	-	-	17.169
Subtotal: Support - Wideband SATCOM Operational Management Systems Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***19.528***	**-**	**-**	***17.169***	**-**	**-**	**-**	**-**	**-**	***17.169***
Gross/Weapon System Cost	**-**	**-**	**-**	**-**	**-**	**0.000**	**-**	**-**	**92.380**	**-**	**-**	**81.483**	**-**	**-**	**-**	**-**	**-**	**81.483**

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force			Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 02: Spares / BSA 20: Spares		P-1 Line Item Number / Title: SSPARE / Spares and Repair Parts	
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A	
Line Item MDAP/MAIS Code: N/A			

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.722	0.938	0.971	-	0.971	0.990	1.008	1.028	1.048	0.000	6.705
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.722	0.938	0.971	-	0.971	0.990	1.008	1.028	1.048	0.000	6.705
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.722**	**0.938**	**0.971**	**-**	**0.971**	**0.990**	**1.008**	**1.028**	**1.048**	**0.000**	**6.705**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Initial Spares consist of reparable components, assemblies, sub-assemblies, and consumable items required as initial stock (including readiness spares package requirements) in support of space acquisition programs. Requirements are determined by applying established factors against the acquisition cost of the end items. The factors are based on historical data of similar equipment, employment/deployment concepts, production schedules, and other related information.

This program falls within the Multi-Mission Support mission area which provides the systems and efforts that evenly contribute to multiple mission areas across the space enterprise. Space Force investment program interdependencies include:

RDT&E Budget Line Items: Defensive Cyber Operations - Space (1203040SF); Rapid Resilient Command and Control (1206772SF); Satellite Control Network (1203110SF); Space and Missile Test and Evaluation (1203173SF; Space Force IT, Data Analytics, Digital (1203010SF); and elements of Procurement Budget Line Items: AF Satellite Comm System (AFSCOM); Spaceborne Equip (Comsec) (MC0MSE); Spares and Repair Parts (SSPARE); and Space Digital Integrated Network (SDN000).

Funding for this exhibit contained in PE 1203140SF.

Justification:

The FY27 budget supports initial spares (components and end items): crypto devices for space and ground nodes, used by U.S. Air Force, U.S. Space Force, DoW, and the Intelligence Community, to meet NSA cybersecurity mandates.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 03: Ground Vehicular Equipment / BSA 30: Non-Tactical Vehicles	**P-1 Line Item Number / Title:** SFV000 / USSF Vehicles

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	0.000	5.000	6.032	-	6.032	5.227	5.321	5.429	5.537	-	32.546
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	0.000	5.000	6.032	-	6.032	5.227	5.321	5.429	5.537	-	32.546
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**0.000**	**5.000**	**6.032**	**-**	**6.032**	**5.227**	**5.321**	**5.429**	**5.537**	**-**	**32.546**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

USSF Headquarters is operating and executing Space Force's non-tactical vehicles (SFV000) for Guardians across the Enterprise Management & Information Technology mission. As a result, the Service will improve readiness and operational reach of existing force structure.

USSF non-tactical vehicles provide the critical ground mobility capability essential for all United States Space Force (USSF) missions. This program funds a versatile fleet of general and special-purpose vehicles required to transport personnel, secure installations, move mission-essential cargo, and enable Civil Engineer squadrons to maintain and repair the critical infrastructure of our spaceports and control stations. These assets directly ensure mission readiness and the resilience of our nation's vital space capabilities.

USSF Vehicles consists of the following categories:
- Passenger Carrying Vehicles includes the procurement of sedans, law enforcement sedans, ambulances, small buses, transit buses, large buses, and work buses.
- Cargo and Utility Vehicles includes pickup trucks, trailers, semi-trailers, vans, utility trucks, maintenance, cargo truck, truck tractors, and sports utility vehicles, and facility vehicles essential to base operations.
- Special Purpose Vehicles includes an assortment of wreckers, potable and non-potable water distribution trucks, refueling vehicles, deicers, staircase trucks, and high reach maintenance trucks.
- Materials Handling Vehicles includes forklifts, container handlers, warehouse tugs and warehouse cranes critical to base supply operations.
- Runway Snow Removal and Cleaning Equipment Vehicles includes front mounted brooms, multi-purpose blowers, and plows.
- Base Maintenance Support Vehicles includes loaders, dozers, back hoes, water distribution trucks and heavy construction equipment.

This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Funding for this exhibit contained in PE 0702831SF.

This program falls within the Enterprise Management & Information Technology mission area. Enterprise Management provides the personnel and infrastructure required to manage USSF headquarters functions at the service and field command levels, including the Space Service Acquisition Executive for Space Systems and Programs, Office of the Assistant Secretary for Space Acquisition and Integration, the Office of the Chief of Space Operations (OCSO), the Space Staff, and Secretariat. Information Technology includes the IT infrastructure required for the USSF to acquire, sustain, and operate its assets. Space Force investment program interdependencies include:

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 03: Ground Vehicular Equipment / BSA 30: Non-Tactical Vehicles	**P-1 Line Item Number / Title:** SFV000 / USSF Vehicles	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

RDT&E Budget Line Items: Acq Workforce - Space & Missile Sys (1206392SF); Headquarters U.S. Space Force (1209398SF); Space & Missile Systems Center - MHA (1206398SF); Space Security and Defense Program (1206730SF); Space Warfighting Analysis (1203622SF); Service Wide Support (1201212SF); 1206399SF (SSC Enterprise & Integration; Commercial Services (1206771SF); and elements of Procurement Budget Line Items: General Information Tech - Space (GNRLIT)

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 03: Ground Vehicular Equipment / BSA 30: Non-Tactical Vehicles	**P-1 Line Item Number / Title:** SFV000 / USSF Vehicles
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A / **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	USSF Vehicles				- / -	- / 0.000	- / 5.000	- / 6.032	- / -	- / 6.032
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 0.000**	**- / 5.000**	**- / 6.032**	**- / -**	**- / 6.032**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 procurement dollars in the amount of 6.032 million will procure non-tactical vehicles in support of installation and unit mission requirements for United States Space Force personnel.

The FY 2027 budget request reflects a 1.032 million dollar increase from the FY 2026 baseline to procure nine additional base maintenance vehicles, two snow removal vehicles, and an intercity passenger bus capable of carrying 41-51 passengers. These vehicles are required to support the operational standup of the U.S. Space Force Honor Guard and its ceremonial duties at Arlington National Cemetery.

Quantities are based on current requirements provided by the 441 Vehicle Support Chain Operations Squadron (VSCOS) IAW the process outlined in AFI 24-302, Vehicle Management. The requirements are generated from the Department of Air Force's Priority Buy vehicle model used to support the Planning, Programming, Budgeting and Execution (PPBE) process. The model calculates vehicle requirements by fund year by project using end of life projections based on depreciation and service life of the vehicle, cumulative sustainment cost and mission priority. As the model applies the life expectancy/sustainment cost/mission priority logic in generating requirements, there can be gaps in individual vehicle type (NSN) requirements from year-to-year. Unit Cost is subject to change from year-to-year based on buy quantities, CONUS/OCONUS locations, inflation, and additional requirements (options required by users). Unit cost is also subject to change based on fluctuations in contract pricing.

In FY 2026, this Line Items Title and Budget Sub Activity Codes were changed to more accurately describe the USSF owned vehicles procured through 441 VSCOS.

The FY 2025 funding is under Appropriation 3022F: Procurement, Space Force; BA 03: Ground Vehicular Equipment BSA 31: Passenger Carrying Vehicle, Line Item SFV000. In FY 2026, the BSA was changed from 31 (Passenger Carrying Vehicles) to 30 (Non-Tactical Vehicles) to more accurately reflect the United States Space Force funded vehicles.

Prior Years funding was part of the Air Force justification book Other Procurement, Appropriation 3080F, under Line Item Numbers 821800 - Passenger Carrying Vehicles, 822990 - Cargo & Utility Vehicles, 823990 - Special Purpose Vehicles, 825990 - Material Handling, 826210 - Runway Snow Removal & Cleaning Eqpt, and 826990 - Base MX Support Vehicles.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 03 / 30	**P-1 Line Item Number / Title:** SFV000 / USSF Vehicles	**Aggregated Items Title:** USSF Vehicles

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Passenger Carrying Vehicle																				
2310011862924 - BUS MTR 16PAX 4X2 DED/A12	A		-	-	-	-	-	0.000	0.124	1	0.124	-	-	-	-	-	-	-	-	-
2310008775647- BUS INTERCY 41-51 PAX	A		-	-	-	-	-	-	-	-	-	0.845	1	0.845	-	-	-	0.845	1	0.845
Subtotal: Passenger Carrying Vehicle			**-**	**-**	**-**	**-**	**-**	***0.000***	**-**	**-**	***0.124***	**-**	**-**	***0.845***	**-**	**-**	**-**	**-**	**-**	***0.845***
Cargo and Utility Vehicle																				
2320005802955 - TRK 3/4T CREW CAB 4X4 PU	A		-	-	-	-	-	-	0.051	1	0.051	0.053	2	0.106	-	-	-	0.053	2	0.106
2320014846748 - TRK 1/2T CREW CAB 4X4	A		-	-	-	-	-	-	0.049	2	0.098	-	-	-	-	-	-	-	-	-
2320016584538 - PATROL PICKUP TRUCK	A		-	-	-	-	-	-	0.069	1	0.069	-	-	-	-	-	-	-	-	-
2330010585911 - STLR LB 50T 6W	A		-	-	-	-	-	-	0.089	2	0.178	-	-	-	-	-	-	-	-	-
2330013819477 - STLR LB 20T 38 FT	A		-	-	-	-	-	-	-	-	-	0.050	1	0.050	-	-	-	0.050	1	0.050
2320010366569 -TRK CRL 4X2 15 PAX	A		-	-	-	-	-	-	-	-	-	0.056	1	0.056	-	-	-	0.056	1	0.056
Subtotal: Cargo and Utility Vehicle			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.396***	**-**	**-**	***0.212***	**-**	**-**	**-**	**-**	**-**	***0.212***
Special Purpose																				
1730005556205YW - DEICER TRUCK MOUNTED	A		-	-	-	-	-	-	0.570	1	0.570	0.584	1	0.584	-	-	-	0.584	1	0.584
1730016018086YW - STAIRCASE TRUCK	A		-	-	-	-	-	-	0.300	1	0.300	-	-	-	-	-	-	-	-	-
2320001776777 - TRK TK FUEL 1200 GL 4X2	A		-	-	-	-	-	-	0.152	1	0.152	-	-	-	-	-	-	-	-	-
2320004335695 - TRK TK 6000 GAL R11 DED	A		-	-	-	-	-	-	0.407	3	1.221	0.409	2	0.818	-	-	-	0.409	2	0.818
2330009955613 - SEMI TRL COMP GAS	A		-	-	-	-	-	-	0.515	1	0.515	-	-	-	-	-	-	-	-	-
2320005411714 - TRK MAINT 3/4T 4X4 GED	A		-	-	-	-	-	-	-	-	-	0.067	1	0.067	-	-	-	0.067	1	0.067
2320013755833 - TRK VAN MSL CREWCAB	A		-	-	-	-	-	-	-	-	-	0.521	1	0.521	-	-	-	0.521	1	0.521

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 03 / 30	**P-1 Line Item Number / Title:** SFV000 / USSF Vehicles	**Aggregated Items Title:** USSF Vehicles

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
2320013951368 - TRK MAINT UT CC 4X	A		-	-	-	-	-	-	-	-	-	0.070	1	0.070	-	-	-	0.070	1	0.070
Subtotal: Special Purpose			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***2.758***	**-**	**-**	***2.060***	**-**	**-**	**-**	**-**	**-**	***2.060***
Material Handling Vehicle																				
3930008566897CT - TRK FL 10K 463L	A		-	-	-	-	-	-	0.121	1	0.121	-	-	-	-	-	-	-	-	-
3930010525219 - TRK FL DED 6M-6200 PT	A		-	-	-	-	-	-	0.085	2	0.170	0.087	1	0.087	-	-	-	0.087	1	0.087
Subtotal: Material Handling Vehicle			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.291***	**-**	**-**	***0.087***	**-**	**-**	**-**	**-**	**-**	***0.087***
Runway Snow Removal/Cleaning																				
382501107243 - CLNR VAC TM SP MLTPUR AT	A		-	-	-	-	-	-	-	-	-	0.288	1	0.288	-	-	-	0.288	1	0.288
3825014643963 - SNOW PLOW TRK MTD 52K	A		-	-	-	-	-	-	-	-	-	0.328	1	0.328	-	-	-	0.328	1	0.328
Subtotal: Runway Snow Removal/ Cleaning			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.616***	**-**	**-**	**-**	**-**	**-**	***0.616***
Base Maintenance																				
2320007065348 - TRK DP 4X4 24M - 33999G	A		-	-	-	-	-	-	-	-	-	0.104	2	0.208	-	-	-	0.104	2	0.208
2320014679406 - TRK MAT HAND REAR HOIST	A		-	-	-	-	-	-	-	-	-	0.161	2	0.322	-	-	-	0.161	2	0.322
2330017144864 - D6 FIRE DOZER TRAILER MDL 35	A		-	-	-	-	-	-	-	-	-	0.084	2	0.168	-	-	-	0.084	2	0.168
2410016979422 - D6 FIRE DOZER	A		-	-	-	-	-	-	0.574	2	1.148	0.576	1	0.576	-	-	-	0.576	1	0.576
2420001138984 - TRAC WHLD IW70	A		-	-	-	-	-	-	-	-	-	0.086	1	0.086	-	-	-	0.086	1	0.086
3805001482169 - TRAC W-BACKHOE / LOADER	A		-	-	-	-	-	-	0.283	1	0.283	0.284	3	0.852	-	-	-	0.284	3	0.852
Subtotal: Base Maintenance			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***1.431***	**-**	**-**	***2.212***	**-**	**-**	**-**	**-**	**-**	***2.212***
Total			**-**	**-**	**-**	**-**	**-**	**0.000**	**-**	**-**	**5.000**	**-**	**-**	**6.032**	**-**	**-**	**-**	**-**	**-**	**6.032**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:
FY 2025 funding is under Appropriation 3022F: Procurement, Space Force; BA 03: Ground Vehicular Equipment BSA 31: Passenger Carrying Vehicle, Line Item SFV000. In FY 2026, the BSA was changed from 31 (Passenger Carrying Vehicles) to 30 (Non-Tactical Vehicles) to more accurately reflect the United States Space Force funded vehicles.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 03: Ground Vehicular Equipment / BSA 31: Passenger Carrying Vehicles	**P-1 Line Item Number / Title:** SFV000 / USSF Replacement Vehicles

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	4.919	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	4.919
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	4.919	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	4.919
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**4.919**	**0.000**	**0.000**	**-**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**4.919**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

USSF Headquarters is operating and executing Space Force's non-tactical vehicles (SFV000) for Guardians across the Enterprise Management & Information Technology mission. As a result, the Service will improve readiness and operational reach of existing force structure.

USSF non-tactical vehicles provide the critical ground mobility capability essential for all United States Space Force (USSF) missions. This program funds a versatile fleet of general and special-purpose vehicles required to transport personnel, secure installations, move mission-essential cargo, and enable Civil Engineer squadrons to maintain and repair the critical infrastructure of our spaceports and control stations.

These assets directly ensure mission readiness and the resilience of our nation's vital space capabilities.

USSF Vehicles consists of the following categories:

- Passenger Carrying Vehicles includes the procurement of sedans, law enforcement sedans, ambulances, small buses, transit buses, large buses, and work buses.
- Cargo and Utility Vehicles includes pickup trucks, trailers, semi-trailers, vans, utility trucks, maintenance, cargo truck, truck tractors, and sports utility vehicles, and facility vehicles essential to base operations.
- Special Purpose Vehicles includes an assortment of wreckers, potable and non-potable water distribution trucks, refueling vehicles, deicers, staircase trucks, and high reach maintenance trucks.
- Materials Handling Vehicles includes forklifts, container handlers, warehouse tugs and warehouse cranes critical to base supply operations.
- Runway Snow Removal and Cleaning Equipment Vehicles includes front mounted brooms, multi-purpose blowers, and plows.
- Base Maintenance Support Vehicles includes loaders, dozers, back hoes, water distribution trucks and heavy construction equipment.

This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Funding for this exhibit contained in PE 0702831SF.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 03: Ground Vehicular Equipment / BSA 31: Passenger Carrying Vehicles	**P-1 Line Item Number / Title:** SFV000 / USSF Replacement Vehicles	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

This program falls within the Enterprise Management & Information Technology mission area. Enterprise Management provides the personnel and infrastructure required to manage USSF headquarters functions at the service and field command levels, including the Space Service Acquisition Executive for Space Systems and Programs, Office of the Assistant Secretary for Space Acquisition and Integration, the Office of the Chief of Space Operations (OCSO), the Space Staff, and Secretariat. Information Technology includes the IT infrastructure required for the USSF to acquire, sustain, and operate its assets. Space Force investment program interdependencies include:
RDT&E Budget Line Items: Acq Workforce - Space & Missile Sys (1206392SF); Headquarters U.S. Space Force (1209398SF); Space & Missile Systems Center - MHA (1206398SF); Space Security and Defense Program (1206730SF); Space Warfighting Analysis (1203622SF); Service Wide Support (1201212SF); 1206399SF (SSC Enterprise & Integration; Commercial Services (1206771SF); and elements of Procurement Budget Line Items: General Information Tech - Space (GNRLIT)

Justification:
This line reflects FY 2025 WSC SFV000 funding, previously aligned under BSA 31; FY 2027 funding is realigned under Appropriation 3022F: (Procurement, Space Force); BA 03: (Ground Vehicular Equipment) BSA 30: (Non-Tactical Vehicles), Line Item SFV000.

In FY 2026, WSC SFV000 was moved from BSA 31 (Passenger Carrying Vehicles) to BSA 30 (Non-Tactical Vehicles) to more accurately reflect the United States Space Force funded vehicles.

Quantities are based on current requirements provided by the 441 Vehicle Support Chain Operations Squadron (VSCOS) IAW the process outlined in AFI 24-302, Vehicle Management. The requirements are generated from the Department of Air Force's Priority Buy vehicle model used to support the Planning, Programming, Budgeting and Execution (PPBE) process. The model calculates vehicle requirements by fund year by project using end of life projections based on depreciation and service life of the vehicle, cumulative sustainment cost and mission priority. As the model applies the life expectancy/sustainment cost/mission priority logic in generating requirements, there can be gaps in individual vehicle type (NSN) requirements from year-to-year. Unit Cost is subject to change from year-to-year based on buy quantities, CONUS/OCONUS locations, inflation, and additional requirements (options required by users). Unit cost is also subject to change based on fluctuations in contract pricing.

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 04: Other Base Maintenance and Support Equipment / BSA 41: Support Equipment	**P-1 Line Item Number / Title:** POWCON / Power Conditioning Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	3.189	20.449	7.906	-	7.906	7.965	8.023	6.491	6.663	-	60.686
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	3.189	20.449	7.906	-	7.906	7.965	8.023	6.491	6.663	-	60.686
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**3.189**	**20.449**	**7.906**	**-**	**7.906**	**7.965**	**8.023**	**6.491**	**6.663**	**-**	**60.686**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

USSF Headquarters is operating and executing the Power Conditioning and Continuation Interfacing Equipment (PCCIE) for Guardians across Facilities and Logistics mission area. As a result, the Service will Improve and prepare infrastructure, accessions and training for personnel and equipment growth, improve readiness and operational reach of existing force structure for resilient Infrastructure, equipment, and personnel.

The PCCIE program provides a centralized point for technical/engineering support, acquisition, fielding and sustainment of Uninterruptible Power Supply (UPS) systems for the Department of Air Force. UPS provide conditioned (clean) and continued (battery backup) power to protect sensitive electronic equipment/missions such as command and control centers, space launch and recovery facilities, space telemetry missions, intelligence gathering and transmission missions, airfield and aerodrome operations, radars, antennas, data centers and more. In short, if it is a critical DOD mission, an UPS provides the power conditioning and backup. UPS systems have a finite life and must be replaced at regular intervals. Many of the USSF's UPS assets have exceeded their life expectancy of 12-15 years.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

UPS systems are procured and installed under a 5-year Multi Award Contract (MAC) IDIQ, competitively awarded between four (4) Prime Contractors.

Funding for this exhibit is contained in PE 0207510SF.

This program falls within the Facilities and Logistics mission area, which provides base operational support (BOS) and related activities at Space Base Deltas and headquarters offices. Space Force investment program interdependencies include Procurement Budget Line Items: Space MODs (SPCMOD).

Exhibit P-40, Budget Line Item Justification: PB 2027 Air Force	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F: Procurement, Space Force / BA 04: Other Base Maintenance and Support Equipment / BSA 41: Support Equipment	**P-1 Line Item Number / Title:** POWCON / Power Conditioning Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Power Conditioning Equipment				- / -	- / 3.189	- / 20.449	- / 7.906	- / -	- / 7.906
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 3.189**	**- / 20.449**	**- / 7.906**	**- / -**	**- / 7.906**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 procurement dollars in the amount of 7.906 million to replace obsolete/end of life equipment and upgrade outdated equipment at nine locations.

The goal is to ensure conditioned and continued power to critical USSF mission operations in the event of an electrical power source (commercial or isolated generator) loss, power surges, brown outs or other power failures so that the operators and their mission can function during an electrical power interruption or disturbance. Uninterruptible Power Supplies (UPS), acquired through PCCIE helps ensure mission success and overall National Security.

FY 2027 funds collectively satisfy critical user requirements and will:
1. Continue efforts to update and replace an aged portfolio of UPS assets for USSF mission success.
2. Ensure compliance with USSF Resiliency Standards for mission up time by upgrading critical infrastructure.
3. Lower probability of mission failure by reducing the potential of UPS failure due to age related issues.
4. Reduce operating and sustainment costs by up to 30% though energy savings obtained by higher operating efficiency in all makes, models and configurations, versus legacy equipment. Newer generation UPS equipment typically operates between 90% to 100% efficiency with all types and percentages of loads whereas legacy equipment was, at best, 80% efficient.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Air Force		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 3022F / 04 / 41	**P-1 Line Item Number / Title:** POWCON / Power Conditioning Equipment	**Aggregated Items Title:** Power Conditioning Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Uninterruptable Power Supply (UPS)																				
UPS 1-20 kVA/kW, Various Voltages, 50/60 Hz	A		-	-	-	0.019	1	0.019	-	-	0.000	-	-	-	-	-	-	-	-	-
UPS 21-50 kVA/kW, Various Voltages, 50/60 Hz	A		-	-	-	0.059	2	0.117	0.057	4	0.228	0.046	3	0.138	-	-	-	0.046	3	0.138
UPS 51-100 kVA/kW, Various Voltages, 50/60 Hz	A		-	-	-	0.134	5	0.672	0.104	11	1.144	0.094	12	1.128	-	-	-	0.094	12	1.128
UPS 101-200 kVA/ kW, Various Voltages, 50/60 Hz	A		-	-	-	0.165	3	0.494	0.170	6	1.020	0.208	1	0.208	-	-	-	0.208	1	0.208
UPS 201-300 kVA/ kW, Various Voltages, 50/60 Hz	A		-	-	-	0.315	6	1.887	0.352	12	4.224	0.350	1	0.350	-	-	-	0.350	1	0.350
UPS 301-400 kVA/ kW, Various Voltages, 50/60 Hz	A		-	-	-	-	-	0.000	0.520	6	3.120	0.547	6	3.282	-	-	-	0.547	6	3.282
UPS 401-500 kVA/ kW, Various Voltages, 50/60 Hz	A		-	-	-	-	-	0.000	-	-	-	0.652	1	0.652	-	-	-	0.652	1	0.652
UPS 501-600 kVA/ kW, Various Voltages, 50/60 Hz	A		-	-	-	-	-	0.000	0.714	1	0.714	0.716	3	2.148	-	-	-	0.716	3	2.148
UPS 701-800 kVA/ kW, Various Voltages, 50/60 Hz	A		-	-	-	-	-	0.000	0.975	2	1.950	-	-	-	-	-	-	-	-	-
UPS 2.1 Mega Watt and Greater, Various Voltages, 50/60 Hz	A		-	-	-	-	-	0.000	8.049	1	8.049	-	-	-	-	-	-	-	-	-
Subtotal: Uninterruptable Power Supply (UPS)			**-**	**-**	**-**	**-**	**-**	***3.189***	**-**	**-**	***20.449***	**-**	**-**	***7.906***	**-**	**-**	**-**	**-**	**-**	***7.906***
Total			**-**	**-**	**-**	**-**	**-**	**3.189**	**-**	**-**	**20.449**	**-**	**-**	**7.906**	**-**	**-**	**-**	**-**	**-**	**7.906**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:

Unit Cost Increase: UPS 101-200 kVA experienced a 22% unit cost increase (0.038 million dollars) from FY26 - FY27 as a result of replacing higher kVA uninterruptable power supplies in FY27. FY26 is replacing an average 131 kVA while FY27 is replacing an average 160 kVA resulting in a higher unit cost for this category.

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