

# DEPARTMENT OF THE AIR FORCE



**Fiscal Year (FY) 2023 Overseas Operations Appendix**

**April 2022**

**OPERATION AND MAINTENANCE, SPACE FORCE**

**VOLUME III**

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**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Summary of Operations**  
**Budget Year (FY 2023)**

**I. Description of Operations Financed:**

The Space Force leverages the freedom of operation in space, provides space capabilities to the Nation, the joint force, sister Services, the intelligence community and our allies. The Space Force is designed to be a lean, agile, and innovative in order to move at speed and compete in the vast domain of space which uniquely contribute to the U.S. Central Command (CENTCOM) Area of Responsibility (AOR). Overseas Operation and Maintenance (O&M) funding supports costs associated with supplies and materials, transportation costs for equipment and personnel to be moved into and out of theater, equipment, communications, and other miscellaneous costs to meet world-wide operational requirements. The Joint warfighter depends on a wide array of space capabilities in order to communicate and maneuver as they deter the counter violent extremist organizations and near-peer competitors. Space Force must be prepared to protect, defend, and, if necessary, fight in, through and from the ultimate high ground, delivering warfighter capabilities and defending them from adversary action.

The total FY 2023 Overseas Operation and Maintenance (O&M) request totals at \$51.7 Million. The request includes \$34.9 Million of Weapon System Sustainment (WSS) funding. Funding supports readiness recovery by funding platforms used for contingency operations. This overall request funds: 1) Support of Combatant Command (COCOM)-driven mission sets including an \$899 Thousand transfer within Space Force for the stand up of Space Training and Readiness Command. 2) Inter- and intra-theater capabilities to support warfighter personnel and equipment within the Area of Responsibility (AOR). 3) Depot Purchased Equipment Maintenance and Contractor Logistic Support supports weapon systems participating in the AOR. 4) Personnel travel costs, training, and equipment for deployed Guardians to include sustainment for deployed weapons systems Guardians to deploy to support. The Space Force continues to provide unparalleled space capability to support the National Defense Strategy and current Central Command Posture through timely, fused, and actionable intelligence to the Joint Force from forward-deployed locations and distributed processing centers around the globe. The Space Force is fully dedicated to supporting the Combatant Command's to win today's fight and continues its commitment to the current operations in the Middle East Region and around the globe.

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
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Budget Year (FY 2023)**

**II. Force Structure Summary**

The Space Force's force structure in support of Overseas Operations in FY 2023 will consist of 0 Active Duty personnel.

**A. Forces**

<u>Type of Forces</u>	<u>FY 2021 Actuals</u>	<u>FY 2022 Enacted</u>	<u>FY 2023 Request</u>
Aircraft	0	0	0
Active Flying Hours	0	0	0
Guard Flying Hours	0	0	0
Reserve Flying Hours	0	0	0
<b>Total Flying Hours</b>	<b>0</b>	<b>0</b>	<b>0</b>

**B. Personnel**

<u>Personnel</u>	<u>FY 2021 Actuals</u>	<u>FY 2022 Enacted</u>	<u>FY 2023 Request</u>
Active	0	0	0
Reserve	0	0	0
Guard	0	0	0
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>

**DEPARTMENT OF THE AIR FORCE  
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Budget Year (FY 2023)**

**III. O-1 Line Item Summary:**

	<b>Total Obligational Authority (Dollars in Thousands)</b>		
	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
<b>Budget Activity 01: Operating Forces</b>			
<b><u>Combat Related Operations</u></b>	<b><u>41</u></b>	<b><u>210</u></b>	<b><u>197</u></b>
3410f 12A Global C3I & Early Warning	41	210	197
<b><u>Space Operations</u></b>	<b><u>66,088</u></b>	<b><u>75,502</u></b>	<b><u>51,549</u></b>
3410f 13A Space Launch Operations	240	298	279
3410f 13C Space Operations	6,465	13,971	12,197
3410f 13E Education and Training	0	0	899
3410f 13M Depot Maintenance	18,268	19,838	5,884
3410f 13W CLS & Systems Support	41,115	37,872	28,992
3410f 13Z Base Support	0	3,523	3,298
<b>TOTAL BA 01: Operating Forces</b>	<b>66,129</b>	<b>75,712</b>	<b>51,746</b>
<b>Total Operation and Maintenance, Air Force</b>	<b>66,129</b>	<b>75,712</b>	<b>51,746</b>

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Summary of Operations  
 Budget Year (FY 2023)**

<b><u>Summary by Operation</u></b>	<b><u>FY 2021</u></b>	<b><u>FY 2022</u></b>	<b><u>FY 2023</u></b>
	<b><u>Actuals</u></b>	<b><u>Enacted</u></b>	<b><u>Request</u></b>
Operation Inherent Resolve	20	0	0
Operation Freedom's Sentinel	66,109	0	0
Other Theater Requirements & Related Missions	0	75,712	51,746
<b>Total</b>	<b>66,129</b>	<b>75,712</b>	<b>51,746</b>
Direct War Requirements	0	0	0
Enduring Requirements	66,129	75,712	0
<b>Total</b>	<b>66,129</b>	<b>75,712</b>	<b>0</b>



**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Appropriation Summary of Price/Program Growth**  
**Budget Year (FY 2023)**

<u>Line Item</u>	<u>FY 2021 Program</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2022 Program</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2023 Program</u>	
<b><u>CIVILIAN PERSONNEL COMPENSATION</u></b>												
101 EXECUTIVE GENERAL SCHEDULE	121	0	2.30%	3	-124	0	0	4.10%	0	0	0	
TOTAL CIVILIAN PERSONNEL COMPENSATION	121	0		3	-124	0	0		0	0	0	
<b><u>TRAVEL</u></b>												
308 TRAVEL OF PERSONS	1,296	0	3.00%	39	3,103	4,438	0	2.10%	93	-377	4,154	
TOTAL TRAVEL	1,296	0		39	3,103	4,438	0		93	-377	4,154	
<b><u>DWCF SUPPLIES AND MATERIALS</u></b>												
418 AIR FORCE RETAIL SUPPLY	26	0	2.50%	1	44	71	0	7.00%	5	-9	67	
TOTAL DWCF SUPPLIES AND MATERIALS	26	0		1	44	71	0		5	-9	67	
<b><u>OTHER FUND PURCHASES</u></b>												
661 AF CONSOLIDATED SUSTAINMEN	5,304	0	3.40%	180	4,435	9,919	0	5.10%	506	-4,593	5,832	
TOTAL OTHER FUND PURCHASES	5,304	0		180	4,435	9,919	0		506	-4,593	5,832	
<b><u>TRANSPORTATION</u></b>												
705 AMC CHANNEL CARGO	21	0	5.40%	1	-22	0	0	7.70%	0	0	0	
771 COMMERCIAL TRANSPORTATION	0	0	3.00%	0	87	87	0	2.10%	2	-8	81	
TOTAL TRANSPORTATION	21	0		1	65	87	0		2	-8	81	
<b><u>OTHER PURCHASES</u></b>												
914 PURCHASED COMMUNICATIONS (	252	0	3.00%	8	-221	39	0	2.10%	1	-4	36	
920 SUPPLIES AND MATERIALS (NO	418	0	3.00%	13	965	1,396	0	2.10%	29	-115	1,310	
922 EQUIPMENT MAINTENANCE BY C	0	0	3.00%	0	298	298	0	2.10%	6	543	847	
925 EQUIPMENT PURCHASES (NON-F	61	0	3.00%	2	15	78	0	2.10%	2	-8	72	
927 AIR DEFENSE CONTRACTS SPAC	3,767	0	3.00%	113	3,690	7,570	0	2.10%	159	-631	7,098	
930 OTHER DEPOT MAINT (NON-DWC	54,079	0	3.00%	1,622	-7,910	47,791	0	2.10%	1,004	-20,319	28,476	
932 MANAGEMENT AND PROFESSIONA	632	0	3.00%	19	-651	0	0	2.10%	0	0	0	

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Appropriation Summary of Price/Program Growth  
Budget Year (FY 2023)**

<u>Line Item</u>		<u>FY 2021 Program</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2022 Program</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2023 Program</u>
933	STUDIES ANALYSIS AND EVALU	0	0	3.00%	0	2,875	2,875	0	2.10%	60	-240	2,695
934	ENGINEERING AND TECHNICAL	140	0	3.00%	4	1,006	1,150	0	2.10%	24	-96	1,078
987	OTHER INTRA-GOVERNMENTAL P	12	0	3.00%	0	-12	0	0	2.10%	0	0	0
	TOTAL OTHER PURCHASES	59,361	0		1,781	55	61,197	0		1,285	-20,870	41,612
	GRAND TOTAL	66,129	0		2,005	7,578	75,712	0		1,891	-25,857	51,746

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Global C3I & Early Warning**

**I. Description of Operations Financed:**

Global Command, Control, Communication, Intelligence (C3I) Early Warning includes resources that provide Strategic Offensive C3I, Strategic Defensive C3I and Space Force-wide communications. Strategic Offensive C3I and Computer (C4I) assets comprise the media through which interconnected airborne and ground-based command centers execute commands for offensive strikes against opposing threats. This capability relies on systems that are fast, accurate, reliable, secure and resistant to destruction and disruption and tailored to the needs of the National Command Authority, U.S. Strategic Command and operational commanders. Tactical Satellite Communications (AN/PRC-117 radio system) for cruise missile support operations provide real time collaboration and dynamic mission planning capabilities to Combatant Commanders for prosecution of time sensitive targets in direct support of Overseas Operations. Additionally, the satellite adds critical operational capabilities to employment of the Tomahawk Land Attack Missile (TLAM) by providing communications needed for real world direct TLAM targeting.

Strategic Defensive C3I supports radar surveillance and the tactical warning mission to provide radar surveillance and timely, reliable warning of enemy attack through employment of a worldwide network of assets such as: Integrated Tactical Warning and Attack Assessment system; Ballistic Missile Early Warning System (BMEWS); Sea-Launched Ballistic Missile Radar Warning System; Ballistic Missile Defense Radar (Cobra Dane and Long Range Discriminating Radar (LRDR) and Space-Based Infrared System. The United States Nuclear Detonation Detection System provides a worldwide, highly survivable capability to detect, locate, characterize and report nuclear detonations in the earth's atmosphere or near space.

Space Force-wide communications programs support development of a survivable communications capability for worldwide Command and Control (C2) communications during pre-attack, trans-attack and post-attack periods. Space Force provides satellite communications terminal facilities and Military Strategic and Tactical Relay Mission Control Segments required for system operations. The Space Force Military Satellite Communication (MILSATCOM) program sustains current capability and then modernizes the MILSATCOM infrastructure on a system-to-system basis. The Shared Early Warning System, a Presidential initiative, provides theater missile warning to allied and partner nations as well as situational awareness to Combatant Commanders.

**II. Force Structure Summary:**

The deployable Air Traffic Control and Landing System (ATCALs), in the tactical environment, includes mobile and transportable Airport Surveillance and Precision Approach Radars (ASPARs), mobile control towers, mobile Tactical Air Navigation systems (TACANs), mobile Very High Frequency Omni-directional Range (VOR), Very High Frequency Omnidirectional Range Tactical Aircraft Control (VORTAC), and the Mobile Microwave Landing System. In the fixed-base environment, which includes both the United States National Airspace System and support in overseas host nations, ATCALs include fixed airport surveillance and precision approach radars, control towers, TACANs, VORs, VORTACs, Instrument Landing Systems (ILS) and air traffic control simulators. ATCALs automation and software systems include the Department of Defense Advanced Automation System, the Airfield Automation System and the Terminal Instrument Procedures development software tool.

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Global C3I & Early Warning**

**III. Financial Summary (\$ in Thousands):**

	FY 2022						
<b><u>A. Program Elements</u></b>	<b><u>FY 2021</u></b>	<b><u>Budget</u></b>	<b><u>Amount</u></b>		<b><u>Appn</u></b>	<b><u>Normalized</u></b>	<b><u>FY 2023</u></b>
	<b><u>Actuals</u></b>	<b><u>Request</u></b>	<b><u>Amount</u></b>	<b><u>Percent</u></b>	<b><u>Enacted</u></b>	<b><u>Current</u></b>	<b><u>Request</u></b>
GLOBAL C3I & EARLY WARNING	\$41	\$210	\$0	0.00%	\$210	\$210	\$197
SUBACTIVITY GROUP TOTAL	\$41	\$210	\$0	0.00%	\$210	\$210	\$197
<b><u>Costs by Operation</u></b>	<b><u>FY 2021 Actuals</u></b>	<b><u>FY 2022 Enacted</u></b>		<b><u>FY 2023 Request</u></b>			
Operation Inherent Resolve	\$0	\$0		\$0		\$0	
Operation Freedom's Sentinel	\$41	\$0		\$0		\$0	
Other Theater Requirements & Related Missions	\$0	\$210		\$197		\$197	
<b>Total</b>	<b>\$41</b>	<b>\$210</b>		<b>\$197</b>		<b>\$197</b>	
Direct War Requirements	\$0	\$0		\$0		\$0	
Enduring Requirements	\$41	\$210		\$0		\$0	
<b>Total</b>	<b>\$41</b>	<b>\$210</b>		<b>\$0</b>		<b>\$0</b>	

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Global C3I & Early Warning**

<b><u>B. Reconciliation Summary</u></b>	<b><u>Change FY 2022/FY 2022</u></b>	<b><u>Change FY 2022/FY 2023</u></b>
<b>Overseas Operations Funding</b>	<b>\$210</b>	<b>\$210</b>
Congressional Adjustments (Distributed)	0	
Congressional Adjustments (Undistributed)	0	
Adjustments to Meet Congressional Intent	0	
Congressional Adjustments (General Provisions)	0	
<b>SUBTOTAL APPROPRIATED AMOUNT</b>	<b>210</b>	
Baseline Budget Funding	490,615	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2022 to 2022 Only)	0	
<b>SUBTOTAL OVERSEAS OPERATIONS AND BASELINE FUNDING</b>	<b>490,825</b>	
Reprogramming	0	
Less: Baseline Budget Funding	-490,615	
Less: X-Year Carryover (Supplemental)	0	
Price Change		4
Functional Transfers		0
Program Changes		-17
<b>NORMALIZED CURRENT OVERSEAS OPERATIONS ESTIMATE</b>	<b>\$210</b>	<b>\$197</b>

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Global C3I & Early Warning**

**C. Reconciliation of Increases and Decreases:**

<b>FY 2022 President's Overseas Operations Budget Request</b> .....	<b>\$210</b>
1. Congressional Adjustments .....	\$0
a) Distributed Adjustments .....	\$0
b) Undistributed Adjustments .....	\$0
c) Adjustments to Meet Congressional Intent .....	\$0
d) General Provisions .....	\$0
<b>FY 2022 Appropriated Overseas Operations Amount</b> .....	<b>\$210</b>
2. Baseline Appropriations .....	\$490,615
a) Baseline Budget Funding .....	\$490,615
1) Baseline Funding .....	\$490,615
b) Military Construction and Emergency Hurricane .....	\$0

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 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Global C3I & Early Warning**

c) X-Year Carryover (Supplemental).....	\$0
<b>3. Fact-of-Life Changes .....</b>	<b>\$0</b>
a) Functional Transfers .....	\$0
b) Technical Adjustments.....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2022 Overseas Operations and Baseline Funding .....</b>	<b>\$490,825</b>
<b>4. Reprogramming .....</b>	<b>\$0</b>
a) Increases.....	\$0
b) Decreases .....	\$0
<b>Revised FY 2022 Overseas Operations Estimate.....</b>	<b>\$490,825</b>
<b>5. Less: Baseline Appropriations .....</b>	<b>\$-490,615</b>
a) Less: Baseline Budget Funding .....	\$-490,615

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Global C3I & Early Warning**

b) Less: X-Year Carryover (Supplemental)..... \$0

**Normalized FY 2022 Current Overseas Operations Estimate .....\$210**

6. Price Change ..... \$4

7. Transfers..... \$0

a) Transfers In ..... \$0

b) Transfers Out ..... \$0

8. Program Increases ..... \$0

a) Annualization of New FY 2022 Program..... \$0

b) One-Time FY 2023 Costs ..... \$0

c) Program Growth in FY 2023 ..... \$0

9. Program Decreases..... \$-17

a) One-Time FY 2022 Costs ..... \$0



**DEPARTMENT OF THE AIR FORCE  
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 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Global C3I & Early Warning**

b) Annualization of FY 2022 Program Decreases..... \$0

c) Program Decreases in FY 2023..... \$-17

1) Operation Enduring Sentinel - Satellite Communications and NORAD Cheyenne Mountain Complex Threat War.....\$-17  
 Decrease in Satellite Communications and NORAD Cheyenne Mountain Complex Threat Warning/Attack Assessment funding for travel, commercial transportation and supplies to align programming with current operational posture. This is part of the continuous review of space resources within Space Force accounts, to determine the most accurate costs required to execute the U.S. Space Forces role in the Area of Responsibility.

OP32:  
 308 Travel of Persons  
 771 Commercial Transportation  
 920 Supplies and Material (Non-DWCF)

(FY 2022 Base: \$210)

**FY 2023 Overseas Operations Budget Request.....\$197**

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Global C3I & Early Warning**

**V. Personnel Summary Explanations:**

There are no military or civilian personnel associated with this Subactivity Group.

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Global C3I & Early Warning**

**VI. OP-32 Line Items:**

	<u>FY 2021</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2022</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2023</u>	
	<u>Actuals</u>	<u>Diff</u>	<u>Growth</u>	<u>Growth</u>	<u>Growth</u>	<u>Enacted</u>	<u>Diff</u>	<u>Growth</u>	<u>Growth</u>	<u>Growth</u>	<u>Request</u>	
			<u>Percent</u>					<u>Percent</u>				
<b><u>TRAVEL</u></b>												
308	TRAVEL OF PERSONS	41	0	3.00%	1	95	137	0	2.10%	3	-12	128
	TOTAL TRAVEL	41	0		1	95	137	0		3	-12	128
<b><u>TRANSPORTATION</u></b>												
771	COMMERCIAL TRANSPORTATION	0	0	3.00%	0	19	19	0	2.10%	0	-1	18
	TOTAL TRANSPORTATION	0	0		0	19	19	0		0	-1	18
<b><u>OTHER PURCHASES</u></b>												
920	SUPPLIES AND MATERIALS (NO	0	0	3.00%	0	54	54	0	2.10%	1	-4	51
	TOTAL OTHER PURCHASES	0	0		0	54	54	0		1	-4	51
	GRAND TOTAL	41	0		1	168	210	0		4	-17	197

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Space Launch Operations**

**I. Description of Operations Financed:**

Spacelift ranges provide tracking, telemetry, communications, range safety, weather and other support for Department of Defense, civil and commercial space launches, intercontinental and sea-launched ballistic missile Test and Evaluations (TE), missile defense developmental TE and aeronautical TE. Funding supports deployment costs for personnel assigned to this Subactivity Group.

**II. Force Structure Summary:**

Spacelift ranges consist of the Western Range located at the 30th Space Wing, Vandenberg Air Force Base (AFB), CA, and the Eastern Range, located at the 45th Space Wing, Patrick AFB, FL. The ranges are composed of facilities and equipment, including launch pads, command centers, radar and optical tracking sites, command destruct sites and telemetry sites. The Department of the Air Force uses the Evolved Expendable Launch Vehicle program, consisting of the Delta IV, Atlas V, and Falcon 9 for medium-to-heavy lift requirements. In support of small satellites and most science and technology launches, the Department of the Air Force has contracts for purchase of the Space X Falcon 9, and Orbital Sciences Minotaur IV launch systems.

DEPARTMENT OF THE AIR FORCE  
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 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Space Launch Operations

**III. Financial Summary (\$ in Thousands):**

		<u>FY 2022</u>					
<u>A. Program Elements</u>	<u>FY 2021</u> <u>Actuals</u>	<u>Budget</u> <u>Request</u>	<u>Amount</u>	<u>Percent</u>	<u>Appn</u>	<u>Normalized</u> <u>Current</u> <u>Enacted</u>	<u>FY 2023</u> <u>Request</u>
SPACE LAUNCH OPERATIONS	\$240	\$298	\$0	0.00%	\$298	\$298	\$279
SUBACTIVITY GROUP TOTAL	\$240	\$298	\$0	0.00%	\$298	\$298	\$279
<u>Costs by Operation</u>	<u>FY 2021 Actuals</u>		<u>FY 2022 Enacted</u>			<u>FY 2023 Request</u>	
Operation Inherent Resolve	\$10		\$0			\$0	
Operation Freedom's Sentinel	\$230		\$0			\$0	
Other Theater Requirements & Related Missions	\$0		\$298			\$279	
<b>Total</b>	<b>\$240</b>		<b>\$298</b>			<b>\$279</b>	
Direct War Requirements	\$0		\$0			\$0	
Enduring Requirements	\$240		\$298			\$0	
<b>Total</b>	<b>\$240</b>		<b>\$298</b>			<b>\$0</b>	

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Space Launch Operations**

<b><u>B. Reconciliation Summary</u></b>	<b><u>Change FY 2022/FY 2022</u></b>	<b><u>Change FY 2022/FY 2023</u></b>
<b>Overseas Operations Funding</b>	<b>\$298</b>	<b>\$298</b>
Congressional Adjustments (Distributed)	0	
Congressional Adjustments (Undistributed)	0	
Adjustments to Meet Congressional Intent	0	
Congressional Adjustments (General Provisions)	0	
<b>SUBTOTAL APPROPRIATED AMOUNT</b>	<b>298</b>	
Baseline Budget Funding	185,700	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2022 to 2022 Only)	0	
<b>SUBTOTAL OVERSEAS OPERATIONS AND BASELINE FUNDING</b>	<b>185,998</b>	
Reprogramming	0	
Less: Baseline Budget Funding	-185,700	
Less: X-Year Carryover (Supplemental)	0	
Price Change		6
Functional Transfers		0
Program Changes		-25
<b>NORMALIZED CURRENT OVERSEAS OPERATIONS ESTIMATE</b>	<b>\$298</b>	<b>\$279</b>

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Space Launch Operations**

**C. Reconciliation of Increases and Decreases:**

<b>FY 2022 President's Overseas Operations Budget Request</b> .....	<b>\$298</b>
1. Congressional Adjustments .....	\$0
a) Distributed Adjustments .....	\$0
b) Undistributed Adjustments .....	\$0
c) Adjustments to Meet Congressional Intent .....	\$0
d) General Provisions .....	\$0
<b>FY 2022 Appropriated Overseas Operations Amount</b> .....	<b>\$298</b>
2. Baseline Appropriations .....	\$185,700
a) Baseline Budget Funding .....	\$185,700
1) Baseline Funding .....	\$185,700
b) Military Construction and Emergency Hurricane .....	\$0

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Space Launch Operations**

c) X-Year Carryover (Supplemental).....	\$0
<b>3. Fact-of-Life Changes .....</b>	<b>\$0</b>
a) Functional Transfers .....	\$0
b) Technical Adjustments.....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2022 Overseas Operations and Baseline Funding .....</b>	<b>\$185,998</b>
<b>4. Reprogramming .....</b>	<b>\$0</b>
a) Increases.....	\$0
b) Decreases .....	\$0
<b>Revised FY 2022 Overseas Operations Estimate .....</b>	<b>\$185,998</b>
<b>5. Less: Baseline Appropriations .....</b>	<b>-\$185,700</b>
a) Less: Baseline Budget Funding .....	-\$185,700



**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Space Launch Operations**

b) Less: X-Year Carryover (Supplemental)..... \$0

**Normalized FY 2022 Current Overseas Operations Estimate .....\$298**

6. Price Change .....\$6

7. Transfers.....\$0

a) Transfers In ..... \$0

b) Transfers Out ..... \$0

8. Program Increases .....\$0

a) Annualization of New FY 2022 Program..... \$0

b) One-Time FY 2023 Costs ..... \$0

c) Program Growth in FY 2023 ..... \$0

9. Program Decreases..... \$-25

a) One-Time FY 2022 Costs ..... \$0

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Space Launch Operations**

b) Annualization of FY 2022 Program Decreases..... \$0

c) Program Decreases in FY 2023..... \$-25

1) Operation Enduring Sentinel - Space Access - Range ..... \$-25

Decrease in Spacelift Range System and National Security Space Launch Program funding for travel and supplies to align programming with current theater posture. This is part of the continuous review of space resources within Space Force accounts, to determine the most accurate costs required to execute the U.S. Space Forces role in the Area of Responsibility.

OP32:

308 Travel of Persons

920 Supplies and Material (Non-DWCF)

(FY 2022 Base: \$321; 0 FTE)

**FY 2023 Overseas Operations Budget Request..... \$279**

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Space Launch Operations**

**V. Personnel Summary Explanations:**

There are no military or civilian personnel associated with this Subactivity Group.

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Space Launch Operations**

**VI. OP-32 Line Items:**

	<u>FY 2021</u> <u>Actuals</u>	<u>FC Rate</u> <u>Diff</u>	<u>Price</u> <u>Growth</u> <u>Percent</u>	<u>Price</u> <u>Growth</u>	<u>Program</u> <u>Growth</u>	<u>FY 2022</u> <u>Enacted</u>	<u>FC Rate</u> <u>Diff</u>	<u>Price</u> <u>Growth</u> <u>Percent</u>	<u>Price</u> <u>Growth</u>	<u>Program</u> <u>Growth</u>	<u>FY 2023</u> <u>Request</u>	
<b><u>TRAVEL</u></b>												
308	TRAVEL OF PERSONS	154	0	3.00%	5	76	235	0	2.10%	5	-20	220
	TOTAL TRAVEL	154	0		5	76	235	0		5	-20	220
<b><u>OTHER PURCHASES</u></b>												
920	SUPPLIES AND MATERIALS (NO	86	0	3.00%	3	-26	63	0	2.10%	1	-5	59
	TOTAL OTHER PURCHASES	86	0		3	-26	63	0		1	-5	59
	GRAND TOTAL	240	0		7	51	298	0		6	-25	279

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Space Operations**

**I. Description of Operations Financed:**

Space Control Systems play a vital role in supporting Overseas Operations as a key conduit of Intelligence, Surveillance and Reconnaissance data collection. Space Control Systems include the Air Force Satellite Control Network (AFSCN) and the Space and Missile Test and Evaluation Center. AFSCN supports operational satellites and provides the global network of control centers, remote tracking stations, antennas and communications links required to operate national security satellites. In addition, sustainment efforts provide software and hardware maintenance, engineering and on-site operations to support Space Force. Funds also supports the Joint Operationally Responsive Space office which delivers space capabilities to the warfighter in operationally relevant time frames.

**II. Force Structure Summary:**

Space Control Systems facilities and equipment in this subactivity group (SAG) include two control nodes, 15 antennas located at eight remote tracking stations and two transportable ground systems for emergency and spacecraft check-out missions. Satellite Systems in this SAG include Defense Meteorological Satellite Program (DMSP) and Global Positioning System (GPS) satellite constellations. Other Space Operations in this subactivity group consist of the Space Surveillance Network (SSN), Counterspace Program, and the Space Test and Training Range (STTR). SSN is a worldwide system of dedicated optical and radar sensors along with additional contributing and collateral sensors and associated processing facilities. The Counterspace Program includes, Offensive Counterspace (OCS) and Defensive Counterspace (DCS) that provide capabilities to allow friendly forces to exploit space capabilities while negating and preventing an adversary's ability to do the same. The STTR is maintained to safely and securely conduct training, testing and experimentation of counterspace capabilities.

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Space Operations**

**III. Financial Summary (\$ in Thousands):**

		<u>FY 2022</u>						
		<u>FY 2021</u>	<u>Budget</u>			<u>Normalized</u>	<u>FY 2023</u>	
<u>A. Program Elements</u>		<u>Actuals</u>	<u>Request</u>	<u>Amount</u>	<u>Percent</u>	<u>Appn</u>	<u>Current</u>	<u>Request</u>
						<u>Enacted</u>		
SPACE OPERATIONS		\$6,465	\$13,971	\$0	0.00%	\$13,971	\$13,971	\$12,197
	SUBACTIVITY GROUP TOTAL	\$6,465	\$13,971	\$0	0.00%	\$13,971	\$13,971	\$12,197
<u>Costs by Operation</u>		<u>FY 2021 Actuals</u>		<u>FY 2022 Enacted</u>			<u>FY 2023 Request</u>	
Operation Inherent Resolve		\$10				\$0		\$0
Operation Freedom's Sentinel		\$6,455				\$0		\$0
Other Theater Requirements & Related Missions		\$0				\$13,971		\$12,197
<b>Total</b>		<b>\$6,465</b>				<b>\$13,971</b>		<b>\$12,197</b>
Direct War Requirements		\$0				\$0		\$0
Enduring Requirements		\$6,465				\$13,971		\$0
<b>Total</b>		<b>\$6,465</b>				<b>\$13,971</b>		<b>\$0</b>

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Space Operations**

<b><u>B. Reconciliation Summary</u></b>	<b><u>Change FY 2022/FY 2022</u></b>	<b><u>Change FY 2022/FY 2023</u></b>
<b>Overseas Operations Funding</b>	<b>\$13,971</b>	<b>\$13,971</b>
Congressional Adjustments (Distributed)	0	
Congressional Adjustments (Undistributed)	0	
Adjustments to Meet Congressional Intent	0	
Congressional Adjustments (General Provisions)	0	
<b>SUBTOTAL APPROPRIATED AMOUNT</b>	<b>13,971</b>	
Baseline Budget Funding	607,769	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2022 to 2022 Only)	0	
<b>SUBTOTAL OVERSEAS OPERATIONS AND BASELINE FUNDING</b>	<b>621,740</b>	
Reprogramming	0	
Less: Baseline Budget Funding	-607,769	
Less: X-Year Carryover (Supplemental)	0	
Price Change		293
Functional Transfers		0
Program Changes		-2,067
<b>NORMALIZED CURRENT OVERSEAS OPERATIONS ESTIMATE</b>	<b>\$13,971</b>	<b>\$12,197</b>

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Space Operations**

**C. Reconciliation of Increases and Decreases:**

<b>FY 2022 President's Overseas Operations Budget Request</b> .....	<b>\$13,971</b>
1. Congressional Adjustments .....	\$0
a) Distributed Adjustments .....	\$0
b) Undistributed Adjustments .....	\$0
c) Adjustments to Meet Congressional Intent .....	\$0
d) General Provisions .....	\$0
<b>FY 2022 Appropriated Overseas Operations Amount</b> .....	<b>\$13,971</b>
2. Baseline Appropriations .....	\$607,769
a) Baseline Budget Funding .....	\$607,769
1) Baseline Funding .....	\$607,769
b) Military Construction and Emergency Hurricane .....	\$0



**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Space Operations**

c) X-Year Carryover (Supplemental).....	\$0
<b>3. Fact-of-Life Changes .....</b>	<b>\$0</b>
a) Functional Transfers .....	\$0
b) Technical Adjustments.....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2022 Overseas Operations and Baseline Funding .....</b>	<b>\$621,740</b>
<b>4. Reprogramming .....</b>	<b>\$0</b>
a) Increases.....	\$0
b) Decreases .....	\$0
<b>Revised FY 2022 Overseas Operations Estimate.....</b>	<b>\$621,740</b>
<b>5. Less: Baseline Appropriations .....</b>	<b>-\$607,769</b>
a) Less: Baseline Budget Funding .....	-\$607,769

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Space Operations**

b) Less: X-Year Carryover (Supplemental)..... \$0

**Normalized FY 2022 Current Overseas Operations Estimate .....\$13,971**

6. Price Change .....\$293

7. Transfers.....\$0

a) Transfers In ..... \$0

b) Transfers Out ..... \$0

8. Program Increases .....\$0

a) Annualization of New FY 2022 Program..... \$0

b) One-Time FY 2023 Costs ..... \$0

c) Program Growth in FY 2023 ..... \$0

9. Program Decreases..... \$-2,067

a) One-Time FY 2022 Costs ..... \$0

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Space Operations**

b) Annualization of FY 2022 Program Decreases..... \$0

c) Program Decreases in FY 2023..... \$-2,067

1) Operation Enduring Sentinel - Space Operations - Space Command and Control..... \$-2,067

Decrease in Space Command and Control, Space Control Air Defense Contracts Space Support, Space and Missile Test and Evaluation Center and Space Innovation integration and Rapid Technology Development travel of persons, commercial transportation and contract support. This is part of the continuous review of space resources within Space Force accounts, to determine the most accurate costs required to execute the U.S. Space Forces role in the Area of Responsibility.

OP32:

- 308 Travel of Persons
- 771 Commercial Transportation
- 914 Purchased Communications (Non-DWCF)
- 920 Supplies and Material (Non-DWCF)
- 922 Equipment maintenance by Contract
- 925 Equipment Purchases (Non-Fund)
- 927 Air Defense Contracts Space Support
- 933 Studies, Analysis, and Evaluations
- 934 Engineering and Technical Services

(FY 2022 Base: \$13,971)

**FY 2023 Overseas Operations Budget Request.....\$12,197**

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Space Operations**

**V. Personnel Summary Explanations:**

There are no military or civilian personnel associated with this Subactivity Group.

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
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**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Space Operations**

**VI. OP-32 Line Items:**

		<b>FY 2021</b>	<b>FC Rate</b>	<b>Price</b>	<b>Price</b>	<b>Program</b>	<b>FY 2022</b>	<b>FC Rate</b>	<b>Price</b>	<b>Price</b>	<b>Program</b>	<b>FY 2023</b>
		<b>Actuals</b>	<b>Diff</b>	<b>Growth</b>	<b>Growth</b>	<b>Growth</b>	<b>Enacted</b>	<b>Diff</b>	<b>Growth</b>	<b>Growth</b>	<b>Growth</b>	<b>Request</b>
				<b>Percent</b>					<b>Percent</b>			
<b><u>CIVILIAN PERSONNEL COMPENSATION</u></b>												
101	EXECUTIVE GENERAL SCHEDULE	121	0	2.30%	3	-124	0	0	4.10%	0	0	0
	TOTAL CIVILIAN PERSONNEL COMPENSATION	121	0		3	-124	0	0		0	0	0
<b><u>TRAVEL</u></b>												
308	TRAVEL OF PERSONS	1,101	0	3.00%	33	362	1,496	0	2.10%	31	-125	1,402
	TOTAL TRAVEL	1,101	0		33	362	1,496	0		31	-125	1,402
<b><u>DWCF SUPPLIES AND MATERIALS</u></b>												
418	AIR FORCE RETAIL SUPPLY	26	0	2.50%	1	-27	0	0	7.00%	0	0	0
	TOTAL DWCF SUPPLIES AND MATERIALS	26	0		1	-27	0	0		0	0	0
<b><u>TRANSPORTATION</u></b>												
705	AMC CHANNEL CARGO	21	0	5.40%	1	-22	0	0	7.70%	0	0	0
771	COMMERCIAL TRANSPORTATION	0	0	3.00%	0	39	39	0	2.10%	1	-4	36
	TOTAL TRANSPORTATION	21	0		1	17	39	0		1	-4	36
<b><u>OTHER PURCHASES</u></b>												
914	PURCHASED COMMUNICATIONS (	252	0	3.00%	8	-221	39	0	2.10%	1	-4	36
920	SUPPLIES AND MATERIALS (NO	332	0	3.00%	10	123	465	0	2.10%	10	-39	436
922	EQUIPMENT MAINTENANCE BY C	0	0	3.00%	0	298	298	0	2.10%	6	-25	279
925	EQUIPMENT PURCHASES (NON-F	61	0	3.00%	2	-24	39	0	2.10%	1	-4	36
927	AIR DEFENSE CONTRACTS SPAC	3,767	0	3.00%	113	3,690	7,570	0	2.10%	159	-1,530	6,199
932	MANAGEMENT AND PROFESSIONA	632	0	3.00%	19	-651	0	0	2.10%	0	0	0
933	STUDIES ANALYSIS AND EVALU	0	0	3.00%	0	2,875	2,875	0	2.10%	60	-240	2,695
934	ENGINEERING AND TECHNICAL	140	0	3.00%	4	1,006	1,150	0	2.10%	24	-96	1,078
987	OTHER INTRA-GOVERNMENTAL P	12	0	3.00%	0	-12	0	0	2.10%	0	0	0
	TOTAL OTHER PURCHASES	5,196	0		156	7,084	12,436	0		261	-1,938	10,759
	GRAND TOTAL	6,465	0		193	7,313	13,971	0		293	-2,067	12,197

**DEPARTMENT OF THE AIR FORCE**  
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**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Education and Training**

**I. Description of Operations Financed:**

Space Training involves the acquisition of knowledge with the intent of developing a specific set of skills that are intended to help impart job-related training so Guardians can perform necessary tasks efficiently and effectively. U.S. Space Force Space Training includes Undergraduate Space Training is the initial skill training that provides the technical skills needed throughout a member's career to accomplish the U.S. Space Force mission. Advanced Space Courses are provided to U.S. Space Force Guardians within a specific range of space experience in order to produce space-minded Guardians prepared to ensure war-fighting dominance of the United States beyond the atmosphere.

Space Education involves the process of acquiring knowledge about facts, events, concepts, beliefs, or principles surrounding the Space Force mission. The intent of Space Education is to help Guardians develop a sense of reasoning, understanding, judgment, intellect, and leadership skills that can be applied across multiple Space disciplines and includes Enlisted Professional Military Education (EPME) which focuses on leadership and management for enlisted personnel. The National Security Space Institute (NSSI) provides the responsive and relevant professional continuing education component of the Department of Defense (DoD) space professional development. The NSSI complements the existing space education programs at Air University, Naval Postgraduate School, and the Air Force Institute of Technology. This also funds the Space Cadre Talent Management Office, which is charged to develop manning requirements; manage students; implement a three-tiered Space Professional certification program; validate space training, education, and experience certification requirements for all U.S. Space Force billets; and define career force management guidance, plans and programs.

Training: This program funds Undergraduate Space Training (533 TRS), Vandenberg SFB, CA, provides accessions assigned to space positions familiarity with operations and activities associated with space threats, space situational awareness, space force enhancement, space support, space control, cyberspace, and space force application. Graduates will have fundamental knowledge and performance skills associated with space operations, warfighting, and threats. Supplemental Space Training is for Inter-Service Transfers or Guardians who are not in the Space Operations career field and provides a foundation in basic knowledge of the Space Warfighting Domain. Advanced Space Training builds on threat based training and provides progressive knowledge and skills necessary to prepare space warfighters to defeat threats in the crowded, contested space domain. This adds an additional layer of depth to space training in order to produce more lethal warfighters ready to execute combat operations.

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**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Education and Training**

**II. Force Structure Summary:**

The 319 Combat Training Squadron (CTS), Moorman Space Education and Training Center (SETC) on Peterson-Schriever Garrison in Colorado Springs, CO, provides advanced and follow-on training courses. These courses expand space system understanding by providing in-depth instruction of space systems, capabilities, requirements, acquisition, strategies and policies to support Joint military operations and U.S. National Security. The mission of 319 CTS is to provide responsive training in support of tactical, operational, and strategic joint and coalition space operations.

Education: This programs funds numerous space courses within the NSSI that provide the Department of Defense (DoD) space professionals, both military and government civilians, with essential education that allows them to design, develop, acquire, operate, employ and support national security space capabilities most effectively. The courses are designed to meet the evolving requirements of both the U.S. Space Force and USSPACECOM's education needs. Through continuous professional development, and specific discipline knowledge enhancement, these courses continue to provide cutting edge education to US and coalition personnel alike.

The level of education is designed to prepare members to become professional, war-fighting Airmen and Guardians who can manage and lead units in the employment of air and space power in contested and deployed environments.

DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Education and Training

**III. Financial Summary (\$ in Thousands):**

	FY 2021 <u>Actuals</u>	<u>Budget</u> <u>Request</u>	FY 2022		<u>Appn</u>	<u>Normalized</u> <u>Current</u> <u>Enacted</u>	FY 2023 <u>Request</u>
			<u>Amount</u>	<u>Percent</u>			
<b><u>A. Program Elements</u></b>							
EDUCATION AND TRAINING	\$0	\$0	\$0	0.00%	\$0	\$0	\$899
SUBACTIVITY GROUP TOTAL	\$0	\$0	\$0	0.00%	\$0	\$0	\$899

<b><u>Costs by Operation</u></b>	<b><u>FY 2021 Actuals</u></b>	<b><u>FY 2022 Enacted</u></b>	<b><u>FY 2023 Request</u></b>
Operation Inherent Resolve	\$0	\$0	\$0
Operation Freedom's Sentinel	\$0	\$0	\$0
Other Theater Requirements & Related Missions	\$0	\$0	\$899
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$899</b>
Direct War Requirements	\$0	\$0	\$0
Enduring Requirements	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



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Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Education and Training**

<b><u>B. Reconciliation Summary</u></b>	<b><u>Change FY 2022/FY 2022</u></b>	<b><u>Change FY 2022/FY 2023</u></b>
<b>Overseas Operations Funding</b>	<b>\$0</b>	<b>\$0</b>
Congressional Adjustments (Distributed)	0	
Congressional Adjustments (Undistributed)	0	
Adjustments to Meet Congressional Intent	0	
Congressional Adjustments (General Provisions)	0	
<b>SUBTOTAL APPROPRIATED AMOUNT</b>	<b>0</b>	
Baseline Budget Funding	22,887	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2022 to 2022 Only)	0	
<b>SUBTOTAL OVERSEAS OPERATIONS AND BASELINE FUNDING</b>	<b>22,887</b>	
Reprogramming	0	
Less: Baseline Budget Funding	-22,887	
Less: X-Year Carryover (Supplemental)	0	
Price Change		0
Functional Transfers		899
Program Changes		0
<b>NORMALIZED CURRENT OVERSEAS OPERATIONS ESTIMATE</b>	<b>\$0</b>	<b>\$899</b>

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Education and Training**

**C. Reconciliation of Increases and Decreases:**

<b>FY 2022 President's Overseas Operations Budget Request</b> .....	<b>\$0</b>
1. Congressional Adjustments .....	\$0
a) Distributed Adjustments .....	\$0
b) Undistributed Adjustments .....	\$0
c) Adjustments to Meet Congressional Intent .....	\$0
d) General Provisions .....	\$0
<b>FY 2022 Appropriated Overseas Operations Amount</b> .....	<b>\$0</b>
2. Baseline Appropriations .....	\$22,887
a) Baseline Budget Funding .....	\$22,887
1) Baseline Funding .....	\$22,887
b) Military Construction and Emergency Hurricane .....	\$0

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Education and Training**

c) X-Year Carryover (Supplemental).....	\$0
<b>3. Fact-of-Life Changes .....</b>	<b>\$0</b>
a) Functional Transfers .....	\$0
b) Technical Adjustments.....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2022 Overseas Operations and Baseline Funding .....</b>	<b>\$22,887</b>
<b>4. Reprogramming .....</b>	<b>\$0</b>
a) Increases.....	\$0
b) Decreases .....	\$0
<b>Revised FY 2022 Overseas Operations Estimate .....</b>	<b>\$22,887</b>
<b>5. Less: Baseline Appropriations .....</b>	<b>-\$22,887</b>
a) Less: Baseline Budget Funding .....	-\$22,887

**DEPARTMENT OF THE AIR FORCE  
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 Operation and Maintenance, Space Force  
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 Budget Year (FY 2023)  
 Subactivity Group: Education and Training**

b) Less: X-Year Carryover (Supplemental)..... \$0

**Normalized FY 2022 Current Overseas Operations Estimate .....\$0**

6. Price Change .....\$0

7. Transfers.....\$899

a) Transfers In..... \$899

1) US Space Force Transfer In ..... \$899

Increase reflects transfer from Space Support (Subactivity Group 13C -\$899) to Operations and Maintenance, Space Force General Skills Training (Subactivity 13E +\$889) to realign funding Training and Readiness funding from Space Operations Command to Space Training and Readiness Command. This is part of the continuous review of space resources, within both the Air Force and Space Force accounts, to determine which requirements should be aligned to U.S. Space Force and make applicable updates.

(FY 2022 Base: \$0)

b) Transfers Out ..... \$0

8. Program Increases .....\$0

a) Annualization of New FY 2022 Program..... \$0

b) One-Time FY 2023 Costs ..... \$0

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Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Education and Training**

c) Program Growth in FY 2023 .....	\$0
9. Program Decreases.....	\$0
a) One-Time FY 2022 Costs .....	\$0
b) Annualization of FY 2022 Program Decreases.....	\$0
c) Program Decreases in FY 2023.....	\$0
<b>FY 2023 Overseas Operations Budget Request.....</b>	<b>\$899</b>

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Education and Training**

**V. Personnel Summary Explanations:**

There are no military or civilian personnel associated with this Subactivity Group.

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Education and Training**

**VI. OP-32 Line Items:**

	<u>FY 2021 Actuals</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2022 Enacted</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2023 Request</u>
<b><u>OTHER PURCHASES</u></b>											
927 AIR DEFENSE CONTRACTS SPAC	0	0	3.00%	0	0	0	0	2.10%	0	899	899
TOTAL OTHER PURCHASES	0	0		0	0	0	0		0	899	899
GRAND TOTAL	0	0		0	0	0	0		0	899	899

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Depot Maintenance**

**I. Description of Operations Financed:**

The Space Force centrally manages and programs for all weapon system sustainment requirements at the enterprise level. The Weapon System Sustainment (WSS) program includes Depot Purchased Equipment Maintenance (DPEM), Contractor Logistics Support (CLS), Sustaining Engineering (SE), and Technical Orders (TO). DPEM is a program covering the method for procuring depot maintenance services from depot maintenance resources. This program involves customer management to determine requirements, obtain financial Obligation Authority, and provide programming authority for ordering work from organic depot maintenance; including Programmed Depot Maintenance, engine overhauls, and software (AFMAN 63-143 Centralized Asset Management Procedures). The DPEM encompasses funding for required organic, contract, and Depot Maintenance Inter-service Support Agreement depot level maintenance. All DPEM is funded in SAG 013M.

**II. Force Structure Summary:**

In this subactivity group, DPEM supports the readiness of the Space Force's front line operating weapon systems. These assets, which provide the United States with a viable deterrent posture, include NAVSTAR Global Positioning System and Satellite Communications.

Operational requirements drive logistics requirements. Key strategy guidance documents (e.g., National Security Strategy and nested Department of Defense strategy documents) help Field Commands determine joint capabilities, expressed in terms of key capability activities. The Space Force develops, fields, and sustains weapon systems to meet Field Commands' demand for operational capabilities. Ultimately, the Field Commands and System Program Managers build WSS requirements using the Logistics Requirements Determination Process (LRDP).

**Weapons System Sustainment Requirements Process Overview:**

All WSS, to include Space requirements, are currently developed through the Air Force managed LRDP, which is supported by a web-based collaboration and management tool called Common Access for Data Exchange (CAFDEx). LRDP consists of three basic steps: (1) requirements development, (2) requirements review, collaboration, and validation, and (3) requirements certification, prioritization, and publishing. While some requirements may use modeling techniques at the lower levels of LRDP (e.g., engine overhauls), WSS requirements as a whole are not model driven. LRDP is a bottom up build of detailed work required to support the four WSS sustainment areas. Each DPEM commodity area (aircraft, engines, missiles, other major end items, software, etc.) has their own sub-process, tailored to the specific commodity each supports. All WSS requirements are documented in CAFDEx for review, collaboration, and validation. Each manager (System Program Manager for each weapon system or Program Group Manager for common items) has overall responsibility for developing, validating, certifying, and publishing their program's requirements in the CAFDEx LRDP database.



DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Depot Maintenance

**III. Financial Summary (\$ in Thousands):**

	FY 2022						
<u>A. Program Elements</u>	<u>FY 2021</u> <u>Actuals</u>	<u>Budget</u> <u>Request</u>	<u>Amount</u>	<u>Percent</u>	<u>Appn</u>	<u>Normalized</u> <u>Current</u> <u>Enacted</u>	<u>FY 2023</u> <u>Request</u>
DEPOT MAINTENANCE	\$18,268	\$19,838	\$0	0.00%	\$19,838	\$19,838	\$5,884
SUBACTIVITY GROUP TOTAL	\$18,268	\$19,838	\$0	0.00%	\$19,838	\$19,838	\$5,884
<u>Costs by Operation</u>	<u>FY 2021 Actuals</u>			<u>FY 2022 Enacted</u>			
Operation Inherent Resolve	\$0			\$0			
Operation Freedom's Sentinel	\$18,268			\$0			
Other Theater Requirements & Related Missions	\$0			\$19,838			
<b>Total</b>	<b>\$18,268</b>			<b>\$19,838</b>			
Direct War Requirements	\$0			\$0			
Enduring Requirements	\$18,268			\$19,838			
<b>Total</b>	<b>\$18,268</b>			<b>\$19,838</b>			

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Depot Maintenance**

<b><u>B. Reconciliation Summary</u></b>	<b><u>Change FY 2022/FY 2022</u></b>	<b><u>Change FY 2022/FY 2023</u></b>
<b>Overseas Operations Funding</b>	<b>\$19,838</b>	<b>\$19,838</b>
Congressional Adjustments (Distributed)	0	
Congressional Adjustments (Undistributed)	0	
Adjustments to Meet Congressional Intent	0	
Congressional Adjustments (General Provisions)	0	
<b>SUBTOTAL APPROPRIATED AMOUNT</b>	<b>19,838</b>	
Baseline Budget Funding	283,165	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2022 to 2022 Only)	0	
<b>SUBTOTAL OVERSEAS OPERATIONS AND BASELINE FUNDING</b>	<b>303,003</b>	
Reprogramming	0	
Less: Baseline Budget Funding	-283,165	
Less: X-Year Carryover (Supplemental)	0	
Price Change		714
Functional Transfers		0
Program Changes		-14,668
<b>NORMALIZED CURRENT OVERSEAS OPERATIONS ESTIMATE</b>	<b>\$19,838</b>	<b>\$5,884</b>

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Depot Maintenance**

**C. Reconciliation of Increases and Decreases:**

<b>FY 2022 President's Overseas Operations Budget Request</b> .....	<b>\$19,838</b>
1. Congressional Adjustments .....	\$0
a) Distributed Adjustments .....	\$0
b) Undistributed Adjustments .....	\$0
c) Adjustments to Meet Congressional Intent .....	\$0
d) General Provisions .....	\$0
<b>FY 2022 Appropriated Overseas Operations Amount</b> .....	<b>\$19,838</b>
2. Baseline Appropriations .....	\$283,165
a) Baseline Budget Funding .....	\$283,165
1) Baseline Funding .....	\$283,165
b) Military Construction and Emergency Hurricane .....	\$0

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Depot Maintenance**

c) X-Year Carryover (Supplemental).....	\$0
<b>3. Fact-of-Life Changes .....</b>	<b>\$0</b>
a) Functional Transfers .....	\$0
b) Technical Adjustments.....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2022 Overseas Operations and Baseline Funding .....</b>	<b>\$303,003</b>
<b>4. Reprogramming .....</b>	<b>\$0</b>
a) Increases.....	\$0
b) Decreases .....	\$0
<b>Revised FY 2022 Overseas Operations Estimate .....</b>	<b>\$303,003</b>
<b>5. Less: Baseline Appropriations .....</b>	<b>-\$283,165</b>
a) Less: Baseline Budget Funding .....	-\$283,165

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Depot Maintenance**

b) Less: X-Year Carryover (Supplemental)..... \$0

**Normalized FY 2022 Current Overseas Operations Estimate .....\$19,838**

6. Price Change .....\$714

7. Transfers.....\$0

a) Transfers In ..... \$0

b) Transfers Out ..... \$0

8. Program Increases .....\$0

a) Annualization of New FY 2022 Program..... \$0

b) One-Time FY 2023 Costs ..... \$0

c) Program Growth in FY 2023 ..... \$0

9. Program Decreases.....\$-14,668

a) One-Time FY 2022 Costs ..... \$0

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Depot Maintenance**

b) Annualization of FY 2022 Program Decreases..... \$0

c) Program Decreases in FY 2023..... \$-14,668

1) Operation Enduring Sentinel - Space Superiority - Satellite Communications (SATCOM)..... \$-10,075  
 Decrease to Satellite Communications (SATCOM) represents a reduction in Combatant Commander Requirements for USCENTCOM. SATCOM supports mission success and operational availability of strategic MILSATCOM (Extreme High Frequency) for USSTRATCOM (primarily Nuclear Command, Control and Communications), POTUS, Secretary of Defense, Combatant Commands, International Partners, and NATO.

OP32:  
 930 Other Depot Maint (Non-DWCF)  
 (FY 2022 Base: \$19,838)

2) Operational Enduring Sentinel - Space Superiority - NAVSTAR Global Positioning System (GPS) ..... \$-4,593  
 Decrease to NAVSTAR Global Positioning System (GPS) represents a reduction of forecasted software requirements for USCENTCOM and an updated sustainment strategy that reduced the on-orbit support and cyber security requirements. NAVSTAR 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 Nuclear Detonation Detection System information to properly equipped air, land, sea, and space-based users worldwide.

OP32:  
 661 AF Consolidated Sustainment Ag-Maint  
 (FY 2022 Base: \$19,838)

**FY 2023 Overseas Operations Budget Request.....\$5,884**

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Depot Maintenance**

**OCO Depot-NonDepot**

**Depot Maintenance**

	FY 2021					Carry-In	FY 2022				FY 2023	
	Budget		Inductions		Completions		Budget		Est Inductions		Budget	
	Amount	Quantity	Amount	Quantity	Quantity		Amount	Quantity	Amount	Quantity	Amount	Quantity
<b>Depot Maintenance Total</b>	<b>18,268</b>	<b>0</b>	<b>18,268</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,838</b>	<b>0</b>	<b>19,838</b>	<b>0</b>	<b>5,884</b>	<b>0</b>
<b>Organic</b>	<b>5,304</b>	<b>0</b>	<b>5,304</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,919</b>	<b>0</b>	<b>9,919</b>	<b>0</b>	<b>5,832</b>	<b>0</b>
<b>Electronics and Communications Systems</b>												
Software	5,304	0	5,304	0	0	0	9,919	0	9,919	0	5,832	0
<b>Other Contract</b>	<b>12,964</b>	<b>0</b>	<b>12,964</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,919</b>	<b>0</b>	<b>9,919</b>	<b>0</b>	<b>52</b>	<b>0</b>
<b>Electronics and Communications Systems</b>												
Software	12,964	0	12,964	0	0	0	9,919	0	9,919	0	52	0

**Non-Depot Maintenance**

	FY 2021					Carry-In	FY 2022				FY 2023	
	Budget		Inductions		Completions		Budget		Est Inductions		Budget	
	Amount	Quantity	Amount	Quantity	Quantity		Amount	Quantity	Amount	Quantity	Amount	Quantity
<b>Non-Depot Maintenance Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Depot Maintenance**

**V. Personnel Summary Explanations:**

There are no military or civilian personnel associated with this Subactivity Group.



**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Depot Maintenance**

**VI. OP-32 Line Items:**

	<u>FY 2021 Actuals</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2022 Enacted</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2023 Request</u>	
<b><u>OTHER FUND PURCHASES</u></b>												
661	AF CONSOLIDATED SUSTAINMEN	5,304	0	3.40%	180	4,435	9,919	0	5.10%	506	-4,593	5,832
	TOTAL OTHER FUND PURCHASES	5,304	0		180	4,435	9,919	0		506	-4,593	5,832
<b><u>OTHER PURCHASES</u></b>												
930	OTHER DEPOT MAINT (NON-DWC	12,964	0	3.00%	389	-3,434	9,919	0	2.10%	208	-10,075	52
	TOTAL OTHER PURCHASES	12,964	0		389	-3,434	9,919	0		208	-10,075	52
	GRAND TOTAL	18,268	0		569	1,001	19,838	0		714	-14,668	5,884

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: CLS & Systems Support**

**I. Description of Operations Financed:**

The Space Force centrally manages and programs for all weapon system sustainment requirements at the enterprise level. The Weapon System Sustainment (WSS) program includes Depot Purchased Equipment Maintenance (DPEM), Contractor Logistics Support (CLS), Sustaining Engineering (SE), and Technical Orders (TO). This subactivity group funding is required for contractor logistics support for a program, system, training system, equipment or item. CLS is used to provide all or part of the sustainment functions in alignment with an approved sustainment strategy. CLS functions include depot level maintenance, operating command organizational maintenance, repair, materiel management, supply and repair parts management, configuration management, technical data management, sustaining engineering, training, distribution, and failure reporting and analysis. Though CLS is contracted maintenance, there is some organic depot maintenance work accomplished through partnerships and work-sharing. SE covers funding required for engineering efforts to review, assess, define, and resolve technical or supportability deficiencies revealed in fielded weapon systems. TO's ensure up-to-date technical data is used to sustain fielded Space weapon systems. CLS, SE, and TO's are funded in SAG 013W.

**II. Force Structure Summary:**

In this subactivity group, CLS, SE, and TO requirements support the readiness of the Space Force's weapon systems. These assets, which provide the United States with viable deterrence and space superiority, include support of Space Based Infrared System, Satellite Communications, Counterspace Operations, NAVSTAR Global Positioning System, Spacelift Range System, and Space Domain Awareness Operations.

Operational requirements drive logistics requirements. Key strategy guidance documents (e.g., National Security Strategy and nested Department of Defense strategy documents) help Field Commands determine joint capabilities, expressed in terms of key capability activities. The Space Force develops, fields, and sustains weapon systems to meet Field Commands' demand for operational capabilities. Ultimately, the Field Commands and System Program Managers build weapons systems sustainment requirements using the Logistics Requirements Determination Process (LRDP).

**Weapons System Sustainment Requirements Process Overview:**

All WSS to include Space requirements are currently developed through the Air Force managed LRDP, which is supported by a web based collaboration and management tool called Common Access for Data Exchange (CAFDEx). LRDP consists of three basic steps: (1) requirements development, (2) requirements review, collaboration, and validation, and (3) requirements certification, prioritization, and publishing. While some requirements may use modeling techniques at the lower levels of LRDP (e.g., engine overhauls), WSS requirements as a whole are not model driven. LRDP is a bottom up build of detailed work required to support the four WSS sustainment areas. CLS, SE, and TO have their own sub-processes, tailored to the specific commodity each supports. All WSS requirements are documented in CAFDEx for review, collaboration, and validation. Each manager (SPM for each weapon system or Program Group Manager (PGM) for common items) has overall responsibility for developing, validating, certifying, and publishing their program's requirements in the CAFDEx LRDP database.

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: CLS & Systems Support**

**III. Financial Summary (\$ in Thousands):**

	<b>FY 2022</b>							
<b><u>A. Program Elements</u></b>	<b><u>FY 2021</u></b>	<b><u>Budget</u></b>	<b><u>Amount</u></b>		<b><u>Appn</u></b>	<b><u>Normalized</u></b>	<b><u>FY 2023</u></b>	
	<b><u>Actuals</u></b>	<b><u>Request</u></b>	<b><u>Amount</u></b>	<b><u>Percent</u></b>	<b><u>Enacted</u></b>	<b><u>Current</u></b>	<b><u>Request</u></b>	
CLS & SYSTEMS SUPPORT	\$41,115	\$37,872	\$0	0.00%	\$37,872	\$37,872	\$28,992	
SUBACTIVITY GROUP TOTAL	\$41,115	\$37,872	\$0	0.00%	\$37,872	\$37,872	\$28,992	
<b><u>Costs by Operation</u></b>	<b><u>FY 2021 Actuals</u></b>	<b><u>FY 2022 Enacted</u></b>		<b><u>FY 2023 Request</u></b>				
Operation Inherent Resolve	\$0	\$0		\$0				
Operation Freedom's Sentinel	\$41,115	\$0		\$0				
Other Theater Requirements & Related Missions	\$0	\$37,872		\$28,992				
<b>Total</b>	<b>\$41,115</b>	<b>\$37,872</b>		<b>\$28,992</b>				
Direct War Requirements	\$0	\$0		\$0				
Enduring Requirements	\$41,115	\$37,872		\$0				
<b>Total</b>	<b>\$41,115</b>	<b>\$37,872</b>		<b>\$0</b>				

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: CLS & Systems Support**

<b><u>B. Reconciliation Summary</u></b>	<b><u>Change FY 2022/FY 2022</u></b>	<b><u>Change FY 2022/FY 2023</u></b>
<b>Overseas Operations Funding</b>	<b>\$37,872</b>	<b>\$37,872</b>
Congressional Adjustments (Distributed)	0	
Congressional Adjustments (Undistributed)	0	
Adjustments to Meet Congressional Intent	0	
Congressional Adjustments (General Provisions)	0	
<b>SUBTOTAL APPROPRIATED AMOUNT</b>	<b>37,872</b>	
Baseline Budget Funding	1,177,707	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2022 to 2022 Only)	0	
<b>SUBTOTAL OVERSEAS OPERATIONS AND BASELINE FUNDING</b>	<b>1,215,579</b>	
Reprogramming	0	
Less: Baseline Budget Funding	-1,177,707	
Less: X-Year Carryover (Supplemental)	0	
Price Change		795
Functional Transfers		0
Program Changes		-9,675
<b>NORMALIZED CURRENT OVERSEAS OPERATIONS ESTIMATE</b>	<b>\$37,872</b>	<b>\$28,992</b>

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: CLS & Systems Support**

**C. Reconciliation of Increases and Decreases:**

<b>FY 2022 President's Overseas Operations Budget Request</b> .....	<b>\$37,872</b>
1. Congressional Adjustments .....	\$0
a) Distributed Adjustments .....	\$0
b) Undistributed Adjustments .....	\$0
c) Adjustments to Meet Congressional Intent .....	\$0
d) General Provisions .....	\$0
<b>FY 2022 Appropriated Overseas Operations Amount</b> .....	<b>\$37,872</b>
2. Baseline Appropriations .....	\$1,177,707
a) Baseline Budget Funding .....	\$1,177,707
1) Baseline Funding .....	\$1,177,707
b) Military Construction and Emergency Hurricane .....	\$0

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: CLS & Systems Support**

c) X-Year Carryover (Supplemental).....	\$0
<b>3. Fact-of-Life Changes .....</b>	<b>\$0</b>
a) Functional Transfers .....	\$0
b) Technical Adjustments.....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2022 Overseas Operations and Baseline Funding .....</b>	<b>\$1,215,579</b>
<b>4. Reprogramming .....</b>	<b>\$0</b>
a) Increases.....	\$0
b) Decreases .....	\$0
<b>Revised FY 2022 Overseas Operations Estimate .....</b>	<b>\$1,215,579</b>
<b>5. Less: Baseline Appropriations .....</b>	<b>\$-1,177,707</b>
a) Less: Baseline Budget Funding .....	\$-1,177,707

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: CLS & Systems Support**

b) Less: X-Year Carryover (Supplemental)..... \$0

**Normalized FY 2022 Current Overseas Operations Estimate .....\$37,872**

6. Price Change .....\$795

7. Transfers.....\$0

a) Transfers In ..... \$0

b) Transfers Out ..... \$0

8. Program Increases .....\$11,468

a) Annualization of New FY 2022 Program..... \$0

b) One-Time FY 2023 Costs ..... \$0

c) Program Growth in FY 2023 ..... \$11,468

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: CLS & Systems Support**

1) Operation Enduring Sentinel - Space Superiority - NAVSTAR Global Positioning System (GPS) ..... \$568  
 Increase to NAVSTAR Global Positioning System (GPS) is due to increased sustaining engineering requirements. NAVSTAR 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 Nuclear Detonation Detection System information to properly equipped air, land, sea, and space-based users worldwide.

OP32:  
 922 Equipment Maintenance By Contract

(FY 2022 Base: \$37,872)

2) Operation Enduring Sentinel - Space Superiority - Counterspace Operations ..... \$4,552  
 Increase to Counterspace Operations is due to increase in contract maintenance services and sustaining engineering requirements for the Bounty Hunter program which are realigned from Base requirements. Counterspace Operations includes sustainment for Space Situational Awareness (SSA) and Battlespace Awareness (BA), Offensive/Defensive Space Control (OSC/DSC) and Space Command and Control (C2) weapon systems. .

OP32:  
 930 Other Depot Maint (Non-DWCF)

(FY 2022 Base: \$37,872)

3) Operation Enduring Sentinel - Space Superiority - Satellite Communications (SATCOM) ..... \$6,348  
 Increase to Satellite Communications (SATCOM) supports a forecasted increase in strategic requirements for the Command and Control System-Consolidated program. SATCOM supports mission success and operational availability of strategic MILSATCOM (Extreme High Frequency) for Strategic Command (primarily Nuclear Command, Control and Communications), POTUS, Secretary of Defense, combatant commands, international partners, and the North Atlantic Treaty Organization.

OP32:  
 930 Other Depot Maint (Non-DWCF)

(FY 2022 Base: \$37,872)



**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: CLS & Systems Support**

9. Program Decreases.....	\$-21,143
a) One-Time FY 2022 Costs .....	\$0
b) Annualization of FY 2022 Program Decreases.....	\$0
c) Program Decreases in FY 2023.....	\$-21,143
1) Operation Enduring Sentinel - Space Superiority - Space Based Infrared System (SBIRS) .....	\$-3,698
Decrease to the Space Based Infrared System (SBIRS) programs is the result of reduced contracted maintenance cost. SBIRS Programs support space-based missile warning, missile defense, battlespace awareness, and technical intelligence capability for national command officials, North American Aerospace Defense Command and USSTRATCOM.	
OP32: 922 Equipment Maintenance by Contract 930 Other Depot Maint (Non-DWCF)	
(FY 2022 Base: \$37,872)	
2) Operation Enduring Sentinel - Space Superiority - Space Domain Awareness (SDA) .....	\$-17,445
Decrease to Space Domain Awareness (SDA) is due to decreases in software maintenance and sustaining engineering requirements for Space-Based Space Surveillance (SBSS) program which are realigned to Base requirements. Space Domain Awareness, previously Space Situation Awareness, provides the ability to detect, track, characterize and identify all adversary and friendly space forces in near real time	
OP32: 930 Other Depot Maint (Non-DWCF)	
(FY 2022 Base: \$37,872)	

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: CLS & Systems Support**

**FY 2023 Overseas Operations Budget Request.....\$28,992**

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: CLS & Systems Support**

**OCO Depot-NonDepot**

**Depot Maintenance**

	FY 2021					Carry-In Quantity	FY 2022				FY 2023		
	Budget		Inductions		Completions		Budget		Est Inductions		Budget		
	Amount	Quantity	Amount	Quantity	Quantity		Amount	Quantity	Amount	Quantity	Amount	Quantity	
<b>Depot Maintenance Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,997</b>	<b>0</b>
<b>Contractor Logistics Support (CLS)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,297</b>	<b>0</b>
<b>Electronics and Communications Systems</b>													
Other	0	0	0	0	0	0	0	0	0	0	0	6,160	0
Software	0	0	0	0	0	0	0	0	0	0	0	15,137	0
<b>Organic</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,700</b>	<b>0</b>
<b>Electronics and Communications Systems</b>													
Software	0	0	0	0	0	0	0	0	0	0	0	1,700	0

**Non-Depot Maintenance**

	FY 2021					Carry-In Quantity	FY 2022				FY 2023		
	Budget		Inductions		Completions		Budget		Est Inductions		Budget		
	Amount	Quantity	Amount	Quantity	Quantity		Amount	Quantity	Amount	Quantity	Amount	Quantity	
<b>Non-Depot Maintenance Total</b>	<b>41,115</b>	<b>0</b>	<b>41,115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,872</b>	<b>0</b>	<b>37,872</b>	<b>0</b>	<b>0</b>	<b>5,995</b>	<b>0</b>
<b>Contractor Logistics Support (CLS)</b>	<b>41,115</b>	<b>0</b>	<b>41,115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,872</b>	<b>0</b>	<b>37,872</b>	<b>0</b>	<b>0</b>	<b>5,427</b>	<b>0</b>
<b>Electronics and Communications Systems</b>													
Other	41,115	0	41,115	0	0	0	37,872	0	37,872	0	0	5,427	0
<b>Other Contract</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>568</b>	<b>0</b>
<b>Electronics and Communications Systems</b>													
Other	0	0	0	0	0	0	0	0	0	0	0	568	0
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: CLS & Systems Support**

**V. Personnel Summary Explanations:**

There are no military or civilian personnel associated with this Subactivity Group.

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: CLS & Systems Support**

**VI. OP-32 Line Items:**

	<u>FY 2021</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2022</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2023</u>	
	<u>Actuals</u>	<u>Diff</u>	<u>Growth</u>	<u>Growth</u>	<u>Growth</u>	<u>Enacted</u>	<u>Diff</u>	<u>Growth</u>	<u>Growth</u>	<u>Growth</u>	<u>Request</u>	
			<u>Percent</u>					<u>Percent</u>				
<b><u>OTHER PURCHASES</u></b>												
922	EQUIPMENT MAINTENANCE BY C	0	0	3.00%	0	0	0	2.10%	0	568	568	
930	OTHER DEPOT MAINT (NON-DWC	41,115	0	3.00%	1,233	-4,476	37,872	0	2.10%	795	-10,243	28,424
	TOTAL OTHER PURCHASES	41,115	0		1,233	-4,476	37,872	0		795	-9,675	28,992
	GRAND TOTAL	41,115	0		1,233	-4,476	37,872	0		795	-9,675	28,992

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Base Support**

**I. Description of Operations Financed:**

This program provides funding for installation support functions, engineering and environmental programs in support of Space Force installations. The program sustains mission capability, quality of life, workforce productivity and infrastructure support. Significant categories of support are listed below. Additional base support functions will transfer to the Space Force in future budget cycles.

**Airfield Operations:**

Provides contract airfield services for transient US military aircraft and aircrew.

**Command Support**

Includes Wing command staff agency functions formerly part of Base Operating Support (BOS) such as Command Management, Inspector General, Plans, Programs, Public Affairs, Judge Advocate General, Financial Management, Procurement, Chaplain Ministries, Ground, Flight and Weapons Safety.

**Installation Physical Security Protection and Services**

Includes personnel, procedures and equipment measures employed or designed to safeguard personnel, facilities and property from loss, destruction, espionage, terrorism, or sabotage on the installation; and prevent unauthorized access to facilities, installations, restricted areas, equipment, and materials. This includes regulation of people, material, and vehicles entering or exiting a designated area; mobile and static security activities for the protection of installation or government assets; conduct of physical security inspections and assessments; construction design reviews; special protection of high value or sensitive property and management of installation security systems, plans and funding.

**II. Force Structure Summary:**

Funds facilities sustainment for Space Force activities supporting Overseas Operations

DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Base Support

**III. Financial Summary (\$ in Thousands):**

	FY 2022						
<u>A. Program Elements</u>	<u>FY 2021</u> <u>Actuals</u>	<u>Budget</u> <u>Request</u>	<u>Amount</u>	<u>Percent</u>	<u>Appn</u>	<u>Normalized</u> <u>Current</u> <u>Enacted</u>	<u>FY 2023</u> <u>Request</u>
BASE SUPPORT	\$0	\$3,523	\$0	0.00%	\$3,523	\$3,523	\$3,298
SUBACTIVITY GROUP TOTAL	\$0	\$3,523	\$0	0.00%	\$3,523	\$3,523	\$3,298
<u>Costs by Operation</u>	<u>FY 2021 Actuals</u>			<u>FY 2022 Enacted</u>			
Operation Inherent Resolve	\$0			\$0			
Operation Freedom's Sentinel	\$0			\$0			
Other Theater Requirements & Related Missions	\$0			\$3,523	\$3,298		
<b>Total</b>	<b>\$0</b>			<b>\$3,523</b>	<b>\$3,298</b>		
Direct War Requirements	\$0			\$0			
Enduring Requirements	\$0			\$3,523	\$0		
<b>Total</b>	<b>\$0</b>			<b>\$3,523</b>	<b>\$0</b>		

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Base Support**

<b><u>B. Reconciliation Summary</u></b>	<b><u>Change FY 2022/FY 2022</u></b>	<b><u>Change FY 2022/FY 2023</u></b>
<b>Overseas Operations Funding</b>	<b>\$3,523</b>	<b>\$3,523</b>
Congressional Adjustments (Distributed)	0	
Congressional Adjustments (Undistributed)	0	
Adjustments to Meet Congressional Intent	0	
Congressional Adjustments (General Provisions)	0	
<b>SUBTOTAL APPROPRIATED AMOUNT</b>	<b>3,523</b>	
Baseline Budget Funding	143,520	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2022 to 2022 Only)	0	
<b>SUBTOTAL OVERSEAS OPERATIONS AND BASELINE FUNDING</b>	<b>147,043</b>	
Reprogramming	0	
Less: Baseline Budget Funding	-143,520	
Less: X-Year Carryover (Supplemental)	0	
Price Change		77
Functional Transfers		0
Program Changes		-302
<b>NORMALIZED CURRENT OVERSEAS OPERATIONS ESTIMATE</b>	<b>\$3,523</b>	<b>\$3,298</b>



**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Base Support**

**C. Reconciliation of Increases and Decreases:**

<b>FY 2022 President's Overseas Operations Budget Request</b> .....	<b>\$3,523</b>
1. Congressional Adjustments .....	\$0
a) Distributed Adjustments .....	\$0
b) Undistributed Adjustments .....	\$0
c) Adjustments to Meet Congressional Intent .....	\$0
d) General Provisions .....	\$0
<b>FY 2022 Appropriated Overseas Operations Amount</b> .....	<b>\$3,523</b>
2. Baseline Appropriations .....	\$143,520
a) Baseline Budget Funding .....	\$143,520
1) Baseline Funding .....	\$143,520
b) Military Construction and Emergency Hurricane .....	\$0

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Base Support**

c) X-Year Carryover (Supplemental).....	\$0
<b>3. Fact-of-Life Changes .....</b>	<b>\$0</b>
a) Functional Transfers .....	\$0
b) Technical Adjustments.....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2022 Overseas Operations and Baseline Funding .....</b>	<b>\$147,043</b>
<b>4. Reprogramming .....</b>	<b>\$0</b>
a) Increases.....	\$0
b) Decreases .....	\$0
<b>Revised FY 2022 Overseas Operations Estimate .....</b>	<b>\$147,043</b>
<b>5. Less: Baseline Appropriations .....</b>	<b>-\$143,520</b>
a) Less: Baseline Budget Funding .....	-\$143,520

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Base Support**

b) Less: X-Year Carryover (Supplemental)..... \$0

**Normalized FY 2022 Current Overseas Operations Estimate .....\$3,523**

6. Price Change .....\$77

7. Transfers.....\$0

a) Transfers In ..... \$0

b) Transfers Out ..... \$0

8. Program Increases .....\$0

a) Annualization of New FY 2022 Program..... \$0

b) One-Time FY 2023 Costs ..... \$0

c) Program Growth in FY 2023 ..... \$0

9. Program Decreases..... \$-302

a) One-Time FY 2022 Costs ..... \$0

**DEPARTMENT OF THE AIR FORCE  
 Overseas Operations Appendix  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2023)  
 Subactivity Group: Base Support**

b) Annualization of FY 2022 Program Decreases..... \$0

c) Program Decreases in FY 2023..... \$-302

1) Operation Enduring Sentinel - Base Operations Support..... \$-302

Base Operating Support (BOS) funds Space Force installations support for Base Operations Support functions such as Installation Public Affairs, Legal Support, Financial Management, Procurement Operations, Management Analysis, Safety, Chaplain Ministries, and History and Museums. This is a part of the continuous review of space resources, within both the Air Force and Space Force accounts, to determine which requirements should be aligned to U.S. Space Force and make applicable updates.

OP32:

308 Travel of Persons

418 AF Retail Supply (GSD)

771 Commercial Transportation

920 Supplies and Material (Non-DWCF)

925 Equipment Purchases (Non-Fund)

(FY 2022 Base: \$3,523)

**FY 2023 Overseas Operations Budget Request.....\$3,298**

**DEPARTMENT OF THE AIR FORCE  
Overseas Operations Appendix  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2023)  
Subactivity Group: Base Support**

**V. Personnel Summary Explanations:**

There are no military or civilian personnel associated with this Subactivity Group.

**DEPARTMENT OF THE AIR FORCE**  
**Overseas Operations Appendix**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2023)**  
**Subactivity Group: Base Support**

**VI. OP-32 Line Items:**

		<u>FY 2021</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2022</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2023</u>
		<u>Actuals</u>	<u>Diff</u>	<u>Growth</u>	<u>Growth</u>	<u>Growth</u>	<u>Enacted</u>	<u>Diff</u>	<u>Growth</u>	<u>Growth</u>	<u>Growth</u>	<u>Request</u>
				<u>Percent</u>					<u>Percent</u>			
<b><u>TRAVEL</u></b>												
308	TRAVEL OF PERSONS	0	0	3.00%	0	2,570	2,570	0	2.10%	54	-220	2,404
	TOTAL TRAVEL	0	0		0	2,570	2,570	0		54	-220	2,404
<b><u>DWCF SUPPLIES AND MATERIALS</u></b>												
418	AIR FORCE RETAIL SUPPLY	0	0	2.50%	0	71	71	0	7.00%	5	-9	67
	TOTAL DWCF SUPPLIES AND MATERIALS	0	0		0	71	71	0		5	-9	67
<b><u>TRANSPORTATION</u></b>												
771	COMMERCIAL TRANSPORTATION	0	0	3.00%	0	29	29	0	2.10%	1	-3	27
	TOTAL TRANSPORTATION	0	0		0	29	29	0		1	-3	27
<b><u>OTHER PURCHASES</u></b>												
920	SUPPLIES AND MATERIALS (NO	0	0	3.00%	0	814	814	0	2.10%	17	-67	764
925	EQUIPMENT PURCHASES (NON-F	0	0	3.00%	0	39	39	0	2.10%	1	-4	36
	TOTAL OTHER PURCHASES	0	0		0	853	853	0		18	-71	800
	GRAND TOTAL	0	0		0	3,523	3,523	0		77	-302	3,298