

# DEPARTMENT OF THE AIR FORCE



**Fiscal Year (FY) 2021 Overseas Contingency Operations Request**

**February 2020**

**OPERATION AND MAINTENANCE, SPACE FORCE**

**VOLUME III**

This Page Intentionally Left Blank.

## TABLE OF CONTENTS

OCO O-1 Summary of Operations .....	1
OCO OP-32 Appropriation Summary of Price/Program Growth .....	4
OCO OP-5 Detail by Subactivity Group (SAG)	
OCO SAG 12A Global C3I & Early Warning.....	5
OCO SAG 13A Space Launch Operations .....	14
OCO SAG 13C Space Operations .....	23
OCO SAG 13M Depot Maintenance .....	32
OCO SAG 13W CLS & Systems Support.....	41

This Page Intentionally Left Blank.

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Summary of Operations**  
**Budget Year (FY 2021)**  
**Subactivity Group: Summary of Operations**

**I. Description of Operations Financed:**

As an integral partner of the Joint team, the Space Force leverages the domain of space to uniquely contribute to Overseas Contingency Operations (OCO). OCO 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 execute the counter violent extremist organizations mission. 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.

OFS funding supports inter/intra-theater airlift, personnel travel costs, sustainment and base support/airfield operations. The Space Force continues to provide unparalleled space capability to support the National Defense Strategy. Space Force provides timely, fused, and actionable intelligence to the Joint Force from forward-deployed locations and distributed processing centers around the globe.

OIR funding supports a range of military operations fight against the Islamic State of Iraq and Syria (ISIS). OIR resources finance the costs for pre-deployment training and operations costs for supplies.

The total FY 2021 Space Force OCO request is \$77.1 Million. The FY 2021 OCO request includes \$75.8 Million in funding required for Operation Freedom's Sentinel (OFS) and \$1.3 Million for Operation Inherent Resolve (OIR). The request also includes \$61.4 Million of Weapon System Sustainment (WSS) funding transferred to Space Force O&M OCO budget from Air Force O&M OCO. This transfer supports readiness recovery by funding platforms used for contingency operations. This overall OCO request funds: 1) Support of Combatant Command (COCOM)-driven mission sets. FY 2021 shows an approximate \$77.1 Million transfer from the Air Force based on planned operations for OIR and OFS. 2) Inter- and intra-theater capabilities to support warfighter personnel and equipment within the AOR. 3) Depot Purchased Equipment Maintenance and Contractor Logistic Support supports weapon systems participating in Overseas Contingency Operations. 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  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Summary of Operations  
Budget Year (FY 2021)  
Subactivity Group: Summary of Operations**

**II. Force Structure Summary**

The Space Force's force structure in support of Overseas Contingency Operation in FY 2021 will consist of 0 Active Duty personnel. The personnel deployment numbers are in work-years. The Space Force has Base Operating Support - Integrator and Senior Airfield Authority responsibilities for various sites supporting contingency operations in the Area of Responsibility. The Space Force will have various capabilities and personnel deployed in support of OFS and OIR.

DEPARTMENT OF THE AIR FORCE  
 FY 2021 Overseas Contingency Operations Request  
 Operation and Maintenance, Space Force  
 Summary of Operations  
 Budget Year (FY 2021)  
 Subactivity Group: Summary of Operations

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

	Total Obligational Authority (Dollars in Thousands)		
	FY 2019	FY 2020	FY 2021
<b>Budget Activity 01: Operating Forces</b>			
<b><u>Combat Related Operations</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>227</u></b>
3410f 12A Global C3I & Early Warning	0	0	227
<b><u>Space Operations</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>76,888</u></b>
3410f 13A Space Launch Operations	0	0	321
3410f 13C Space Operations	0	0	15,135
3410f 13M Depot Maintenance	0	0	18,268
3410f 13W CLS & Systems Support	0	0	43,164
<b>TOTAL BA 01: Operating Forces</b>	<b>0</b>	<b>0</b>	<b>77,115</b>
<b>Total Operation and Maintenance, Space Force</b>	<b>0</b>	<b>0</b>	<b>77,115</b>
	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<b><u>Summary by Operation</u></b>	<b><u>Actuals</u></b>	<b><u>Enacted</u></b>	<b><u>Request</u></b>
Post-Operation New Dawn Activities	0	0	0
European Deterrence Initiative	0	0	0
Operation Inherent Resolve	0	0	1,277
Operation Freedom's Sentinel	0	0	75,838
Combined Joint Task Force Horn of Africa	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>77,115</b>
Direct War	0	0	0
Enduring OCO	0	0	77,115
<b>Total</b>	<b>0</b>	<b>0</b>	<b>77,115</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Appropriation Summary of Price/Program Growth**  
**Budget Year (FY 2021)**  
**Subactivity Group: Appropriation Summary of Price/Program Growth**

<u>Line Item</u>	<u>FY 2019</u> <u>Program</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 2020</u> <u>Program</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 2021</u> <u>Program</u>	
<b><u>TRAVEL</u></b>												
308 TRAVEL OF PERSONS	0	0	2.00%	0	0	0	0	2.00%	0	2,021	2,021	
TOTAL TRAVEL	0	0		0	0	0	0		0	2,021	2,021	
<b><u>OTHER FUND PURCHASES</u></b>												
661 AF CONSOLIDATED SUSTAINMENT AG-MAINT	0	0	3.73%	0	0	0	0	7.11%	0	4,471	4,471	
TOTAL OTHER FUND PURCHASES	0	0		0	0	0	0		0	4,471	4,471	
<b><u>TRANSPORTATION</u></b>												
771 COMMERCIAL TRANSPORTATION	0	0	2.00%	0	0	0	0	2.00%	0	63	63	
TOTAL TRANSPORTATION	0	0		0	0	0	0		0	63	63	
<b><u>OTHER PURCHASES</u></b>												
914 PURCHASED COMMUNICATIONS (NON-DWCF)	0	0	2.00%	0	0	0	0	2.00%	0	42	42	
920 SUPPLIES AND MATERIALS (NON-DWCF)	0	0	2.00%	0	0	0	0	2.00%	0	629	629	
922 EQUIPMENT MAINTENANCE BY CONTRACT	0	0	2.00%	0	0	0	0	2.00%	0	322	322	
925 EQUIPMENT PURCHASES (NON-FUND)	0	0	2.00%	0	0	0	0	2.00%	0	42	42	
927 AIR DEFENSE CONTRACTS SPACE SUPPORT	0	0	2.00%	0	0	0	0	2.00%	0	8,203	8,203	
930 OTHER DEPOT MAINT (NON-DWCF)	0	0	2.00%	0	0	0	0	2.00%	0	56,961	56,961	
933 STUDIES, ANALYSIS, AND EVALUATIONS	0	0	2.00%	0	0	0	0	2.00%	0	3,115	3,115	
934 ENGINEERING AND TECHNICAL SERVICES	0	0	2.00%	0	0	0	0	2.00%	0	1,246	1,246	
TOTAL OTHER PURCHASES	0	0		0	0	0	0		0	70,560	70,560	
GRAND TOTAL	0	0		0	0	0	0		0	77,115	77,115	



**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**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 Contingency 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 (NUDET) Detection System provides a worldwide, highly survivable capability to detect, locate, characterize and report NUDETs 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 provide 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.

FY 2021 Overseas Contingency Operations Funding can be separated into the following categories:

OCO for Direct War Costs (\$0): Direct War costs are those combat or direct combat support costs that will not continue to be expended once combat operations end at major contingency locations.

Enduring OCO Requirements (\$227): OCO for Enduring Requirements are enduring in-theater and in-CONUS costs that will likely remain after combat operations cease, and have previously been funded in OCO.

**II. Force Structure Summary:**

The deployable 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.

Exhibit OP-5 (OCO - Detail by Subactivity Group OCO 12A)

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Global C3I & Early Warning**

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

<b>A. Program Elements</b>	<b>FY 2019 Actuals</b>	<b>Budget Request</b>	<b>FY 2020</b>			<b>Normalized Current Enacted</b>	<b>FY 2021 Request</b>
			<b>Amount</b>	<b>Percent</b>	<b>Appn</b>		
GLOBAL C3I & EARLY WARNING	\$0	\$0	\$0	0.00%	\$0	\$0	\$227
SUBACTIVITY GROUP TOTAL	\$0	\$0	\$0	0.00%	\$0	\$0	\$227

<b>Costs by Operation</b>	<b>FY 2019 Actuals</b>	<b>FY 2020 Enacted</b>	<b>FY 2021 Request</b>
	<b>OCO</b>	<b>OCO</b>	<b>OCO</b>
Post-Operation New Dawn Activities	\$0	\$0	\$0
European Deterrence Initiative	\$0	\$0	\$0
Operation Inherent Resolve	\$0	\$0	\$0
Operation Freedom's Sentinel	\$0	\$0	\$227
Combined Joint Task Force Horn of Africa	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$227</b>
Direct War	\$0	\$0	\$0
Enduring OCO	\$0	\$0	\$227
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$227</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Global C3I & Early Warning**

<b><u>B. Reconciliation Summary</u></b>	<b><u>Change</u></b> <b><u>FY 2020/FY 2020</u></b>	<b><u>Change</u></b> <b><u>FY 2020/FY 2021</u></b>
<b>OCO 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	0	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2020 to 2020 Only)	0	
<b>SUBTOTAL OCO AND BASELINE FUNDING</b>	<b>0</b>	
Reprogramming	0	
Less: Baseline Budget Funding	0	
Less: X-Year Carryover (Supplemental)	0	
Price Change		0
Functional Transfers		227
Program Changes		0
<b>NORMALIZED CURRENT OCO ESTIMATE</b>	<b>\$0</b>	<b>\$227</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Global C3I & Early Warning**

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

<b>FY 2020 President's OCO 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 2020 Appropriated OCO Amount</b> .....	<b>\$0</b>
2. Baseline Appropriations .....	\$0
a) Baseline Budget Funding .....	\$0
b) Military Construction and Emergency Hurricane .....	\$0
c) X-Year Carryover (Supplemental) .....	\$0

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Global C3I & Early Warning**

3. Fact-of-Life Changes .....	\$0
a) Functional Transfers .....	\$0
b) Technical Adjustments .....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2020 OCO and Baseline Funding .....</b>	<b>\$0</b>
4. Reprogramming .....	\$0
a) Increases .....	\$0
b) Decreases .....	\$0
<b>Revised FY 2020 OCO Estimate .....</b>	<b>\$0</b>
5. Less: Baseline Appropriations .....	\$0
a) Less: Baseline Budget Funding .....	\$0
b) Less: X-Year Carryover (Supplemental) .....	\$0

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Global C3I & Early Warning**

Normalized FY 2020 Current OCO Estimate .....	\$0
6. Price Change .....	\$0
7. Transfers.....	\$227
a) Transfers In .....	\$227
1) U.S. Air Force Transfer .....	\$227
Increase reflects transfer from U.S. Air Force SAG Global C3I and Early Warning (Subactivity Group 012A -\$227) to U.S. Space Force SAG Global C3I and Early Warning ( <b>Subactivity Group 012A +\$277</b> ) for space-related programs. These resources were deemed necessary by the Secretary of the Air Force to support the operational standup of the new U.S. Space Force.	
b) Transfers Out .....	\$0
8. Program Increases .....	\$0
a) Annualization of New FY 2020 Program.....	\$0
b) One-Time FY 2021 Costs .....	\$0
c) Program Growth in FY 2021 .....	\$0
9. Program Decreases.....	\$0

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Global C3I & Early Warning**

a) One-Time FY 2020 Costs .....	\$0
b) Annualization of FY 2020 Program Decreases.....	\$0
c) Program Decreases in FY 2021 .....	\$0

**FY 2021 OCO Budget Request .....** **\$227**

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Global C3I & Early Warning**

**IV. Performance Criteria and Evaluation Summary:**

<b><u>Performance Criteria</u></b>	<b>2019 Actuals</b>	<b>2020 Enacted</b>	<b>2021 Request</b>
	<b><u>OCO</u></b>	<b><u>OCO</u></b>	<b><u>OCO</u></b>
Global Command and Control	0	0	104
Space Communications	0	0	79
Space Support	0	0	2
Space Warning/Defense	0	0	42
Weather	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>227</b>



**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Global C3I & Early Warning**

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

	<u>FY 2019</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2020</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2021</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	2.00%	0	0	0	2.00%	0	148	148
	TOTAL TRAVEL	0	0		0	0	0		0	148	148
<b><u>TRANSPORTATION</u></b>											
771	COMMERCIAL TRANSPORTATION	0	0	2.00%	0	0	0	2.00%	0	21	21
	TOTAL TRANSPORTATION	0	0		0	0	0		0	21	21
<b><u>OTHER PURCHASES</u></b>											
920	SUPPLIES AND MATERIALS (NON-DWCF)	0	0	2.00%	0	0	0	2.00%	0	58	58
	TOTAL OTHER PURCHASES	0	0		0	0	0		0	58	58
	GRAND TOTAL	0	0		0	0	0		0	227	227

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**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.

FY 2021 Overseas Contingency Operations Funding can be separated into the following categories:

OCO for Direct War Costs (\$0): Direct War costs are those combat or direct combat support costs that will not continue to be expended once combat operations end at major contingency locations.

Enduring OCO Requirements (\$321): OCO for Enduring Requirements are enduring in-theater and in-CONUS costs that will likely remain after combat operations cease, and have previously been funded in OCO.

**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 Space Force uses the National Security Space Launch 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 Space Force has contracts for purchase of the Space X Falcon 9, and Orbital Sciences Minotaur IV launch systems.

Exhibit OP-5 (OCO - Detail by Subactivity Group OCO 13A)

DEPARTMENT OF THE AIR FORCE  
 FY 2021 Overseas Contingency Operations Request  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2021)  
 Subactivity Group: Space Launch Operations

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

<b>A. Program Elements</b>	<b>FY 2019 Actuals</b>	<b>Budget Request</b>	<b>FY 2020</b>			<b>Normalized Current Enacted</b>	<b>FY 2021 Request</b>
			<b>Amount</b>	<b>Percent</b>	<b>Appn</b>		
SPACE LAUNCH OPERATIONS	\$0	\$0	\$0	0.00%	\$0	\$0	\$321
SUBACTIVITY GROUP TOTAL	\$0	\$0	\$0	0.00%	\$0	\$0	\$321

<b>Costs by Operation</b>	<b>FY 2019 Actuals OCO</b>	<b>FY 2020 Enacted OCO</b>	<b>FY 2021 Request OCO</b>
Post-Operation New Dawn Activities	\$0	\$0	\$0
European Deterrence Initiative	\$0	\$0	\$0
Operation Inherent Resolve	\$0	\$0	\$0
Operation Freedom's Sentinel	\$0	\$0	\$321
Combined Joint Task Force Horn of Africa	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$321</b>
Direct War	\$0	\$0	\$0
Enduring OCO	\$0	\$0	\$321
OCO for Base	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$321</b>

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Space Launch Operations**

<u><b>B. Reconciliation Summary</b></u>	<u><b>Change FY 2020/FY 2020</b></u>	<u><b>Change FY 2020/FY 2021</b></u>
<b>OCO 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	0	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2020 to 2020 Only)	0	
<b>SUBTOTAL OCO AND BASELINE FUNDING</b>	<b>0</b>	
Reprogramming	0	
Less: Baseline Budget Funding	0	
Less: X-Year Carryover (Supplemental)	0	
Price Change		0
Functional Transfers		321
Program Changes		0
<b>NORMALIZED CURRENT OCO ESTIMATE</b>	<b>\$0</b>	<b>\$321</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Space Launch Operations**

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

<b>FY 2020 President's OCO 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 2020 Appropriated OCO Amount</b> .....	<b>\$0</b>
2. Baseline Appropriations .....	\$0
a) Baseline Budget Funding .....	\$0
b) Military Construction and Emergency Hurricane .....	\$0
c) X-Year Carryover (Supplemental) .....	\$0

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Space Launch Operations**

3. Fact-of-Life Changes .....	\$0
a) Functional Transfers .....	\$0
b) Technical Adjustments .....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2020 OCO and Baseline Funding .....</b>	<b>\$0</b>
4. Reprogramming .....	\$0
a) Increases .....	\$0
b) Decreases .....	\$0
<b>Revised FY 2020 OCO Estimate .....</b>	<b>\$0</b>
5. Less: Baseline Appropriations .....	\$0
a) Less: Baseline Budget Funding .....	\$0
b) Less: X-Year Carryover (Supplemental) .....	\$0

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Space Launch Operations**

Normalized FY 2020 Current OCO Estimate .....	\$0
6. Price Change .....	\$0
7. Transfers.....	\$321
a) Transfers In .....	\$321
1) U.S. Air Force Transfer .....	\$321
Increase reflects transfer from U.S. Air Force SAG Space Launch Operations (Subactivity Group 013A -\$321) to U.S. Space Force <b>Space Launch Operations (Subactivity Group 013A +\$321)</b> for space-related programs. These resources were deemed necessary by the Secretary of the Air Force to support the operational standup of the new U.S. Space Force.	
b) Transfers Out .....	\$0
8. Program Increases .....	\$0
a) Annualization of New FY 2020 Program.....	\$0
b) One-Time FY 2021 Costs .....	\$0
c) Program Growth in FY 2021 .....	\$0
9. Program Decreases.....	\$0

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Space Launch Operations**

a) One-Time FY 2020 Costs .....	\$0
b) Annualization of FY 2020 Program Decreases.....	\$0
c) Program Decreases in FY 2021 .....	\$0

**FY 2021 OCO Budget Request .....** **\$321**



**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Space Launch Operations**

**IV. Performance Criteria and Evaluation Summary:**

<u>Performance Criteria</u>	<b>2019 Actuals</b> <u>OCO</u>	<b>2020 Enacted</b> <u>OCO</u>	<b>2021 Request</b> <u>OCO</u>
Space Access - Ranges	0	0	285
Space Access - Vehicles	0	0	36
<b>Total</b>	<b>0</b>	<b>0</b>	<b>321</b>

**DEPARTMENT OF THE AIR FORCE  
 FY 2021 Overseas Contingency Operations Request  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2021)  
 Subactivity Group: Space Launch Operations**

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

	<u>FY 2019 Actuals</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2020 Enacted</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2021 Request</u>
<b><u>TRAVEL</u></b>											
308 TRAVEL OF PERSONS	0	0	2.00%	0	0	0	0	2.00%	0	254	254
TOTAL TRAVEL	0	0		0	0	0	0		0	254	254
<b><u>OTHER PURCHASES</u></b>											
920 SUPPLIES AND MATERIALS (NON-DWCF)	0	0	2.00%	0	0	0	0	2.00%	0	67	67
TOTAL OTHER PURCHASES	0	0		0	0	0	0		0	67	67
GRAND TOTAL	0	0		0	0	0	0		0	321	321

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Space Operations**

**I. Description of Operations Financed:**

Space Operations play a vital role in supporting Overseas Contingency Operations as a key conduit of Intelligence, Surveillance and Reconnaissance data collection. Space Operations 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.

FY 2021 Overseas Contingency Operations Funding can be separated into the following categories:

OCO for Direct War Costs (\$0): Direct War costs are those combat or direct combat support costs that will not continue to be expended once combat operations end at major contingency locations.

Enduring OCO Requirements (\$15,135): OCO for Enduring Requirements are enduring in-theater and in-CONUS costs that will likely remain after combat operations cease, and have previously been funded in OCO.

**II. Force Structure Summary:**

Space Operations 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  
 FY 2021 Overseas Contingency Operations Request  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2021)  
 Subactivity Group: Space Operations

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

<b>A. Program Elements</b>	<b>FY 2019 Actuals</b>	<b>FY 2020</b>					<b>Normalized Current Enacted</b>	<b>FY 2021 Request</b>
		<b>Budget Request</b>	<b>Amount</b>	<b>Percent</b>	<b>Appn</b>			
SPACE OPERATIONS	\$0	\$0	\$0	0.00%	\$0	\$0	\$15,135	
SUBACTIVITY GROUP TOTAL	\$0	\$0	\$0	0.00%	\$0	\$0	\$15,135	

<b>Costs by Operation</b>	<b>FY 2019 Actuals OCO</b>	<b>FY 2020 Enacted OCO</b>	<b>FY 2021 Request OCO</b>
Post-Operation New Dawn Activities	\$0	\$0	\$0
European Deterrence Initiative	\$0	\$0	\$0
Operation Inherent Resolve	\$0	\$0	\$1,277
Operation Freedom's Sentinel	\$0	\$0	\$13,858
Combined Joint Task Force Horn of Africa	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,135</b>
Direct War	\$0	\$0	\$0
Enduring OCO	\$0	\$0	\$15,135
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,135</b>

Exhibit OP-5 (OCO - Detail by Subactivity Group OCO 13C)

**DEPARTMENT OF THE AIR FORCE  
 FY 2021 Overseas Contingency Operations Request  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2021)  
 Subactivity Group: Space Operations**

<b><u>B. Reconciliation Summary</u></b>	<b><u>Change FY 2020/FY 2020</u></b>	<b><u>Change FY 2020/FY 2021</u></b>
<b>OCO 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	0	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2020 to 2020 Only)	0	
<b>SUBTOTAL OCO AND BASELINE FUNDING</b>	<b>0</b>	
Reprogramming	0	
Less: Baseline Budget Funding	0	
Less: X-Year Carryover (Supplemental)	0	
Price Change		0
Functional Transfers		15,135
Program Changes		0
<b>NORMALIZED CURRENT OCO ESTIMATE</b>	<b>\$0</b>	<b>\$15,135</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Space Operations**

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

<b>FY 2020 President's OCO 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 2020 Appropriated OCO Amount</b> .....	<b>\$0</b>
2. Baseline Appropriations .....	\$0
a) Baseline Budget Funding .....	\$0
b) Military Construction and Emergency Hurricane .....	\$0
c) X-Year Carryover (Supplemental) .....	\$0

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Space Operations**

3. Fact-of-Life Changes .....	\$0
a) Functional Transfers .....	\$0
b) Technical Adjustments .....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2020 OCO and Baseline Funding .....</b>	<b>\$0</b>
4. Reprogramming .....	\$0
a) Increases .....	\$0
b) Decreases .....	\$0
<b>Revised FY 2020 OCO Estimate .....</b>	<b>\$0</b>
5. Less: Baseline Appropriations .....	\$0
a) Less: Baseline Budget Funding .....	\$0
b) Less: X-Year Carryover (Supplemental) .....	\$0

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Space Operations**

Normalized FY 2020 Current OCO Estimate .....	\$0
6. Price Change .....	\$0
7. Transfers.....	\$15,135
a) Transfers In .....	\$15,135
1) U.S. Air Force Transfer .....	\$15,135
Increase reflects transfer from U.S. Air Force Space Operations (Subactivity Group 013C -\$15,135) to U.S. Space Force <b>Space Operations (Subactivity Group 013C +\$15,135)</b> for space-related programs. These resources were deemed necessary by the Secretary of the Air Force to support the operational standup of the new U.S. Space Force	
b) Transfers Out .....	\$0
8. Program Increases .....	\$0
a) Annualization of New FY 2020 Program.....	\$0
b) One-Time FY 2021 Costs .....	\$0
c) Program Growth in FY 2021 .....	\$0
9. Program Decreases.....	\$0



**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Space Operations**

a) One-Time FY 2020 Costs .....	\$0
b) Annualization of FY 2020 Program Decreases.....	\$0
c) Program Decreases in FY 2021 .....	\$0

**FY 2021 OCO Budget Request .....** **\$15,135**

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Space Operations**

**IV. Performance Criteria and Evaluation Summary:**

<b><u>Performance Criteria</u></b>	<b>2019 Actuals</b>	<b>2020 Enacted</b>	<b>2021 Request</b>
	<b><u>OCO</u></b>	<b><u>OCO</u></b>	<b><u>OCO</u></b>
Precision, Navigation, and Timing	0	0	1,090
Space Command and Cont	0	0	1,443
Space Control	0	0	8,967
Space Support	0	0	3,635
<b>Total</b>	<b>0</b>	<b>0</b>	<b>15,135</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Space Operations**

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

	<u>FY 2019</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2020</u>	<u>FC Rate</u>	<u>Price</u>	<u>Price</u>	<u>Program</u>	<u>FY 2021</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	2.00%	0	0	0	2.00%	0	1,619	1,619
	TOTAL TRAVEL	0	0		0	0	0		0	1,619	1,619
<b><u>TRANSPORTATION</u></b>											
771	COMMERCIAL TRANSPORTATION	0	0	2.00%	0	0	0	2.00%	0	42	42
	TOTAL TRANSPORTATION	0	0		0	0	0		0	42	42
<b><u>OTHER PURCHASES</u></b>											
914	PURCHASED COMMUNICATIONS (NON-DWCF)	0	0	2.00%	0	0	0	2.00%	0	42	42
920	SUPPLIES AND MATERIALS (NON-DWCF)	0	0	2.00%	0	0	0	2.00%	0	504	504
922	EQUIPMENT MAINTENANCE BY CONTRACT	0	0	2.00%	0	0	0	2.00%	0	322	322
925	EQUIPMENT PURCHASES (NON-FUND)	0	0	2.00%	0	0	0	2.00%	0	42	42
927	AIR DEFENSE CONTRACTS SPACE SUPPORT	0	0	2.00%	0	0	0	2.00%	0	8,203	8,203
933	STUDIES, ANALYSIS, AND EVALUATIONS	0	0	2.00%	0	0	0	2.00%	0	3,115	3,115
934	ENGINEERING AND TECHNICAL SERVICES	0	0	2.00%	0	0	0	2.00%	0	1,246	1,246
	TOTAL OTHER PURCHASES	0	0		0	0	0		0	13,474	13,474
	GRAND TOTAL	0	0		0	0	0		0	15,135	15,135

Exhibit OP-5 (OCO - Detail by Subactivity Group OCO 13C)

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Depot Maintenance**

**I. Description of Operations Financed:**

The Space Force centrally manages and programs for Total Force 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), Technical Orders (TO) and Cyber Sustainment. DPEM encompasses funding for required organic, contract and interservice depot level maintenance. CLS includes funding required for contract 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, flying hours, 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. TOs include funding for up-to-date technical data used to sustain fielded weapon systems. All DPEM is funded in SAG 013M. CLS, SE and TOs are funded in SAG 013W.

FY 2021 Overseas Contingency Operations Funding can be separated into the following categories:

OCO for Direct War Costs (\$0): Direct War costs are those combat or direct combat support costs that will not continue to be expended once combat operations end at major contingency locations.

Enduring OCO Requirements (\$18,268): OCO for Enduring Requirements are enduring in-theater and in-CONUS costs that will likely remain after combat operations cease, and have previously been funded in OCO.

**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 provide viable deterrence and space superiority and including support of Space Forces Satellite Control Network (SCN) Operations, GPS, Spacelift Range System, MILSATCOM Terminals, Satellite Communications, Nuclear Detonation Detection System, Space Based Infrared System (SBIRS) and Space Situation Awareness Operations.

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Depot Maintenance**

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

<b>A. Program Elements</b>	<b>FY 2019 Actuals</b>	<b>FY 2020</b>					<b>Normalized Current Enacted</b>	<b>FY 2021 Request</b>
		<b>Budget Request</b>	<b>Amount</b>	<b>Percent</b>	<b>Appn</b>			
DEPOT MAINTENANCE	\$0	\$0	\$0	0.00%	\$0	\$0	\$18,268	
SUBACTIVITY GROUP TOTAL	\$0	\$0	\$0	0.00%	\$0	\$0	\$18,268	

<b>Costs by Operation</b>	<b>FY 2019 Actuals OCO</b>	<b>FY 2020 Enacted OCO</b>	<b>FY 2021 Request OCO</b>
Post-Operation New Dawn Activities	\$0	\$0	\$0
European Deterrence Initiative	\$0	\$0	\$0
Operation Inherent Resolve	\$0	\$0	\$0
Operation Freedom's Sentinel	\$0	\$0	\$18,268
Combined Joint Task Force Horn of Africa	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,268</b>
Direct War	\$0	\$0	\$0
Enduring OCO	\$0	\$0	\$18,268
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,268</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Depot Maintenance**

<u><b>B. Reconciliation Summary</b></u>	<u><b>Change</b></u> <u><b>FY 2020/FY 2020</b></u>	<u><b>Change</b></u> <u><b>FY 2020/FY 2021</b></u>
<b>OCO 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	0	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2020 to 2020 Only)	0	
<b>SUBTOTAL OCO AND BASELINE FUNDING</b>	<b>0</b>	
Reprogramming	0	
Less: Baseline Budget Funding	0	
Less: X-Year Carryover (Supplemental)	0	
Price Change		0
Functional Transfers		18,268
Program Changes		0
<b>NORMALIZED CURRENT OCO ESTIMATE</b>	<b>\$0</b>	<b>\$18,268</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Depot Maintenance**

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

<b>FY 2020 President's OCO 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 2020 Appropriated OCO Amount</b> .....	<b>\$0</b>
2. Baseline Appropriations .....	\$0
a) Baseline Budget Funding .....	\$0
b) Military Construction and Emergency Hurricane .....	\$0
c) X-Year Carryover (Supplemental) .....	\$0

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Depot Maintenance**

3. Fact-of-Life Changes .....	\$0
a) Functional Transfers .....	\$0
b) Technical Adjustments .....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2020 OCO and Baseline Funding .....</b>	<b>\$0</b>
4. Reprogramming .....	\$0
a) Increases .....	\$0
b) Decreases .....	\$0
<b>Revised FY 2020 OCO Estimate .....</b>	<b>\$0</b>
5. Less: Baseline Appropriations .....	\$0
a) Less: Baseline Budget Funding .....	\$0
b) Less: X-Year Carryover (Supplemental) .....	\$0



**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Depot Maintenance**

Normalized FY 2020 Current OCO Estimate .....	\$0
6. Price Change .....	\$0
7. Transfers.....	\$18,268
a) Transfers In .....	\$18,268
1) U.S. Air Force Transfer .....	\$18,268
Increase reflects transfer from U.S. Air Force Depot Purchase Equipment Maintenance (Subactivity Group 011M -\$18,268) to U.S. Space Force <b>Depot Purchase Equipment Maintenance (Subactivity Group 013M +\$18,268)</b> for space-related programs. These resources were deemed necessary by the Secretary of the Air Force to support the operational standup of the new U.S. Space Force.	
b) Transfers Out .....	\$0
8. Program Increases .....	\$0
a) Annualization of New FY 2020 Program.....	\$0
b) One-Time FY 2021 Costs .....	\$0
c) Program Growth in FY 2021 .....	\$0
9. Program Decreases.....	\$0

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: Depot Maintenance**

a) One-Time FY 2020 Costs .....	\$0
b) Annualization of FY 2020 Program Decreases.....	\$0
c) Program Decreases in FY 2021 .....	\$0

**FY 2021 OCO Budget Request .....** **\$18,268**

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: Depot Maintenance**

**IV. Performance Criteria and Evaluation Summary:**

<u>Performance Criteria</u>	<b>2019 Actuals</b> <u>OCO</u>	<b>2020 Enacted</b> <u>OCO</u>	<b>2021 Request</b> <u>OCO</u>
Depot (13M)	0	0	18,268
Space Communications	0	0	0
Space Support	0	0	0
Space Warning/Defense	0	0	0
Weather	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>18,268</b>

Exhibit OP-5 (OCO - Detail by Subactivity Group OCO 13M)

**DEPARTMENT OF THE AIR FORCE  
 FY 2021 Overseas Contingency Operations Request  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2021)  
 Subactivity Group: Depot Maintenance**

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

	<u>FY 2019 Actuals</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2020 Enacted</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2021 Request</u>
<b><u>OTHER FUND PURCHASES</u></b>											
661	AF CONSOLIDATED SUSTAINMENT AG-MAINT	0	0	3.73%	0	0	0	7.11%	0	4,471	4,471
	TOTAL OTHER FUND PURCHASES	0	0		0	0	0		0	4,471	4,471
<b><u>OTHER PURCHASES</u></b>											
930	OTHER DEPOT MAINT (NON-DWCF)	0	0	2.00%	0	0	0	2.00%	0	13,797	13,797
	TOTAL OTHER PURCHASES	0	0		0	0	0		0	13,797	13,797
	GRAND TOTAL	0	0		0	0	0		0	18,268	18,268

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: CLS & Systems Support**

**I. Description of Operations Financed:**

The Space Force centrally manages and programs for Total Force 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), Technical Orders (TO) and Cyber Sustainment. DPEM encompasses funding for required organic, contract and interservice depot level maintenance. CLS includes funding required for contract 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, flying hours, 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. TOs include funding for up-to-date technical data used to sustain fielded weapon systems. All DPEM is funded in SAG 13M. CLS, SE and TOs are funded in SAG 13W.

FY 2021 Overseas Contingency Operations Funding can be separated into the following categories:

OCO for Direct War Costs (\$0): Direct War costs are those combat or direct combat support costs that will not continue to be expended once combat operations end at major contingency locations.

Enduring OCO Requirements (\$43,164): OCO for Enduring Requirements are enduring in-theater and in-CONUS costs that will likely remain after combat operations cease, and have previously been funded in OCO.

**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 provide viable deterrence and space superiority and including support of Space forces Satellite Control Network (SCN) Operations, GPS, Spacelift Range System, MILSATCOM Terminals, Satellite Communications, Nuclear Detonation Detection System, Space Based Infrared System (SBIRS) and Space Situation Awareness Operations.

Exhibit OP-5 (OCO - Detail by Subactivity Group OCO 13W)

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: CLS & Systems Support**

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

<b>A. Program Elements</b>	<b>FY 2019 Actuals</b>	<b>FY 2020</b>					<b>Normalized Current Enacted</b>	<b>FY 2021 Request</b>
		<b>Budget Request</b>	<b>Amount</b>	<b>Percent</b>	<b>Appn</b>			
CLS & SYSTEMS SUPPORT	\$0	\$0	\$0	0.00%	\$0	\$0	\$43,164	
SUBACTIVITY GROUP TOTAL	\$0	\$0	\$0	0.00%	\$0	\$0	\$43,164	

<b>Costs by Operation</b>	<b>FY 2019 Actuals</b>	<b>FY 2020 Enacted</b>	<b>FY 2021 Request</b>
	<b>OCO</b>	<b>OCO</b>	<b>OCO</b>
Post-Operation New Dawn Activities	\$0	\$0	\$0
European Deterrence Initiative	\$0	\$0	\$0
Operation Inherent Resolve	\$0	\$0	\$0
Operation Freedom's Sentinel	\$0	\$0	\$43,164
Combined Joint Task Force Horn of Africa	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,164</b>
Direct War	\$0	\$0	\$0
Enduring OCO	\$0	\$0	\$43,164
OCO for Base	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,164</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: CLS & Systems Support**

<u><b>B. Reconciliation Summary</b></u>	<u><b>Change</b></u> <u><b>FY 2020/FY 2020</b></u>	<u><b>Change</b></u> <u><b>FY 2020/FY 2021</b></u>
<b>OCO 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	0	
X-Year Carryover (Supplemental)	0	
Fact-of-Life Changes (2020 to 2020 Only)	0	
<b>SUBTOTAL OCO AND BASELINE FUNDING</b>	<b>0</b>	
Reprogramming	0	
Less: Baseline Budget Funding	0	
Less: X-Year Carryover (Supplemental)	0	
Price Change		0
Functional Transfers		43,164
Program Changes		0
<b>NORMALIZED CURRENT OCO ESTIMATE</b>	<b>\$0</b>	<b>\$43,164</b>

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: CLS & Systems Support**

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

<b>FY 2020 President's OCO 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 2020 Appropriated OCO Amount</b> .....	<b>\$0</b>
2. Baseline Appropriations .....	\$0
a) Baseline Budget Funding .....	\$0
b) Military Construction and Emergency Hurricane .....	\$0
c) X-Year Carryover (Supplemental) .....	\$0



**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: CLS & Systems Support**

3. Fact-of-Life Changes .....	\$0
a) Functional Transfers .....	\$0
b) Technical Adjustments .....	\$0
c) Emergent Requirements .....	\$0
<b>FY 2020 OCO and Baseline Funding .....</b>	<b>\$0</b>
4. Reprogramming .....	\$0
a) Increases .....	\$0
b) Decreases .....	\$0
<b>Revised FY 2020 OCO Estimate .....</b>	<b>\$0</b>
5. Less: Baseline Appropriations .....	\$0
a) Less: Baseline Budget Funding .....	\$0
b) Less: X-Year Carryover (Supplemental) .....	\$0

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: CLS & Systems Support**

<b>Normalized FY 2020 Current OCO Estimate .....</b>	<b>\$0</b>
6. Price Change .....	\$0
7. Transfers.....	\$43,164
a) Transfers In .....	\$43,164
1) U.S. Air Force Transfer .....	\$43,164
<p style="margin-left: 40px;">           Increase reflects transfer from U.S. Air Force Contractor Logistics Support and System Support (Subactivity Group 11W -\$43,164) to U.S. Space Force <b>Contractor Logistics Support and System Support (Subactivity Group 13W +\$43,164)</b> for space-related programs. These resources were deemed necessary by the Secretary of the Air Force to support the operational standup of the new U.S. Space Force.         </p>	
b) Transfers Out .....	\$0
8. Program Increases .....	\$0
a) Annualization of New FY 2020 Program.....	\$0
b) One-Time FY 2021 Costs .....	\$0
c) Program Growth in FY 2021 .....	\$0
9. Program Decreases.....	\$0

**DEPARTMENT OF THE AIR FORCE  
FY 2021 Overseas Contingency Operations Request  
Operation and Maintenance, Space Force  
Budget Activity: Operating Forces  
Budget Year (FY 2021)  
Subactivity Group: CLS & Systems Support**

a) One-Time FY 2020 Costs .....	\$0
b) Annualization of FY 2020 Program Decreases.....	\$0
c) Program Decreases in FY 2021 .....	\$0
<b>FY 2021 OCO Budget Request .....</b>	<b>\$43,164</b>

**DEPARTMENT OF THE AIR FORCE**  
**FY 2021 Overseas Contingency Operations Request**  
**Operation and Maintenance, Space Force**  
**Budget Activity: Operating Forces**  
**Budget Year (FY 2021)**  
**Subactivity Group: CLS & Systems Support**

**IV. Performance Criteria and Evaluation Summary:**

<b><u>Performance Criteria</u></b>	<b>2019 Actuals</b>	<b>2020 Enacted</b>	<b>2021 Request</b>
	<b><u>OCO</u></b>	<b><u>OCO</u></b>	<b><u>OCO</u></b>
Deport (013W)	0	0	9,265
Non-Depot (013W)	0	0	33,899
Space Support	0	0	0
Space Warning/Defense	0	0	0
Weather	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>43,164</b>

**DEPARTMENT OF THE AIR FORCE  
 FY 2021 Overseas Contingency Operations Request  
 Operation and Maintenance, Space Force  
 Budget Activity: Operating Forces  
 Budget Year (FY 2021)  
 Subactivity Group: CLS & Systems Support**

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

	<u>FY 2019 Actuals</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2020 Enacted</u>	<u>FC Rate Diff</u>	<u>Price Growth Percent</u>	<u>Price Growth</u>	<u>Program Growth</u>	<u>FY 2021 Request</u>
<b><u>OTHER PURCHASES</u></b>											
930	OTHER DEPOT MAINT (NON-DWCF)	0	0	2.00%	0	0	0	2.00%	0	43,164	43,164
	TOTAL OTHER PURCHASES	0	0		0	0	0		0	43,164	43,164
	GRAND TOTAL	0	0		0	0	0		0	43,164	43,164

