

Subject: Intelligence, Surveillance, and Reconnaissance Request Appropriation Title: Various Appropriations	DoD Serial Number: FY 18-20 IR
	Includes Transfer? Yes

Component Serial Number:	<i>(Amounts in Thousands of Dollars)</i>							
	Program Base Reflecting Congressional Action		Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i

This reprogramming action transfers \$442.755 million from the funding appropriated in section 9017 of Title IX Overseas Contingency Operations (OCO) of division C of Public Law 115-141, the Department of Defense (DoD) Appropriations Act, 2018, to various Defense appropriations for execution in FY 2018. The reprogramming improves the Intelligence, Surveillance, and Reconnaissance (ISR) capabilities of the DoD by addressing Combatant Command (CCMD) ISR gaps. This reprogramming action meets all administrative and legal requirements, and none of these items have previously been denied by the Congress. Some adjustments in this reprogramming impact the **Military Intelligence Program (MIP)**.

Part I of this reprogramming transfers \$301.527 million from the Operation and Maintenance, Defense-Wide, 18/18, appropriation to various Components' FY 2018 Title IX OCO Operation and Maintenance appropriations. This reprogramming action uses \$301.527 million of special transfer authority pursuant to section 9017 of division C of Public Law 115-141, the DoD Appropriations Act, 2018.

Part II of this reprogramming transfers \$141.228 million from the Operation and Maintenance, Defense-Wide, 18/18, appropriation to various Components' FY 2018 Title IX OCO Procurement appropriations. This reprogramming action uses \$141.228 million of special transfer authority pursuant to sections 9002 and 9017 of division C of Public Law 115-141, the DoD Appropriations Act, 2018.

PART I

<u>FY 2018 REPROGRAMMING INCREASES:</u>	<u>+301,527</u>
<u>ARMY INCREASES:</u>	<u>+81,670</u>
<u>Operation and Maintenance, Army, 18/18</u>	<u>+81,670</u>
<u>Budget Activity 01: Operating Forces</u>	
38,894,011	38,914,616
	<u>+74,670</u>
	38,989,286

Explanation: Funds are required for the following efforts:

- \$+28.7 million to sustain operations of a deployed MQ-1C Gray Eagle Unmanned Aerial System (UAS). This is an OCO budget requirement.
- \$+45.0 million for deployment and operations of one contractor owned, contractor operated (COCO) MQ-9 system (two aircraft) to provide multi-intelligence support to a CCMD. This is an OCO requirement. This is an OCO budget requirement.
- \$+0.97 million to integrate and customize data and process management software into a CCMD network on Secure Internet Protocol Routing Network (SIPRNET) and Joint Worldwide Intelligence Communications System (JWICS). This is an OCO budget requirement.

Approved (Signature and Date)

3 July 2018

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Budget Activity 04: Administration and Servicewide Activities								
		11,285,501		11,799,701		+7,000		11,806,701

Explanation: Funds will be used to deploy an Army Geospatial Center system for a six-month period to collect high resolution elevation and imagery data for mitigating the highest priority gaps in a CCMD. This is an OCO budget requirement.

<u>NAVY INCREASES:</u>						<u>+64,200</u>		
<u>Operation and Maintenance, Navy, 18/18</u>						<u>+64,200</u>		
Budget Activity 01: Operating Forces								
		45,499,212		45,494,657		+64,200		45,558,857

Explanation: Funds are required for the following efforts:

- \$+31.0 million to sustain a COCO Airborne ISR (AISR) aircraft with sensors and processing, exploitation and dissemination in support of a CCMD. This is an OCO budget requirement.
- \$+32.0 million to provide one COCO Tactical Unmanned Aerial Systems (TUAS) detachment each for two different CCMDs. This is a **MIP project**. This is an OCO budget requirement.
- \$+1.2 million to support five Tailored Signals Intelligence (SIGINT) Support Packages (TSSP) for Cryptologic Carry-on Program (CCOP) modernization. These sensors will be deployed aboard U.S. Navy ships to improve platform and theater Force Protection and Indications & Warning. This is a **MIP project**. This is an OCO budget requirement.

<u>AIR FORCE INCREASE:</u>						<u>+6,500</u>		
<u>Operation and Maintenance, Air Force, 18/18</u>						<u>+6,500</u>		
Budget Activity 01: Operating Forces								
		39,675,377		39,694,612		+6,500		39,701,112

Explanation: Funds are to sustain deployed COCO MQ-9 operations. This is an OCO budget requirement.

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<u>DEFENSE-WIDE INCREASE</u>						<u>+149,157</u>		
<u>Operation and Maintenance, Defense-Wide, 18/18</u>						<u>+149,157</u>		
<u>Budget Activity 01: Operating Forces</u>								
Special Operations Command	8,153,703		8,155,631		+114,770		8,304,788	

Explanation: Funds are required for the following efforts:

- \$+1.0 million to support systems that are optimizing collection from AISR platforms operating across a CCMD. These systems will also provide a 24/7, all-weather capability and enable Special Operations Command (SOCOM) forces in the CCMD to fully balance their collection architecture and augment the CCMD-allocated AISR. This is a **MIP project**. This is an OCO budget requirement.
- \$+27.2 million to provide additional sustainment funds for Multi-mission Tactical Unmanned Aerial Systems (MTUAS) sites. These systems are deployed to multiple CCMDs. This is a **MIP project**. This is an OCO budget requirement
- \$+1.2 million to provide additional backhaul/data transport Support for MTUAS sites. These systems are deployed to multiple CCMDs. This is an OCO budget requirement
- \$+2.2 million for sustainment of four electronic warfare (EW) pods and spare processors in support of various airborne operations. This is an OCO budget requirement
- \$+2.5 million is required for bandwidth and processing, exploitation, and dissemination (PED) support for SIGINT upgrades to Special Operations Forces (SOF) MQ-1C aircraft. This is a **MIP project**. This is an OCO budget requirement
- \$+1.5 million is required for backhaul/data transport associated with SIGINT upgrades to Special Operations Forces (SOF) MQ-1C aircraft. This is an OCO budget requirement
- \$+27.0 million for a COCO TUAS ISR deployment with PED in support of a forward element. This is a **MIP project**. This is an OCO budget requirement
- \$+2.2 million for backhaul/data transport costs associated with a COCO TUAS ISR deployment with PED in support of SOC forward element. This is an OCO budget requirement
- \$+12.0 million for a SOF MQ-9 sensor calibration and training surge facility in order to leverage multiple air and ground range spaces for testing aircraft and system configurations prior to fielding. Availability and prioritization due to competing requirements for ranges has driven a need to seek out other alternatives in order to more effectively integrate new capabilities without delaying multiple priority efforts. This is an OCO budget requirement
- \$+21.11 million to expand COCO manned AISR operations in a CCMD. This is an OCO budget requirement
- \$+4.0 million to support collection sites to sustain persistent ISR capability in a CCMD. T This is an OCO budget requirement.

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- \$+12.86 million to integrate AI/ML/CV algorithms produced by Project Maven at SOCOM FMV PED Centers. Artificial Intelligence/Machine Learning/Computer Vision will assist FMV screeners by making human analysis more efficient. This is an OCO budget requirement

Budget Activity 04: Administration and Servicewide Activities

Classified Program +8,879

Explanation: Funds analysts and support personnel to improve ISR architecture resiliency and intelligence and other data dissemination within a CCMD. This is a **MIP project**. This is an OCO budget requirement

Classified Program +7,248

Explanation: Provides continental United States (CONUS)-based PED support for COCO systems operating in a CCMD. This effort will provide critical intelligence and operational support to forces in the CCMD. This is a **MIP project**. This is an OCO budget requirement

Defense Information Systems Agency

Budget Activity 04: Administration and Servicewide Activities

2,031,690	2,031,761	+18,260	2,050,021
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Explanation: Funds are required for the following efforts:

- \$+2.0 million to Provides additional Unified Video Dissemination System (UVDS) coalition dissemination portal to provide low latency, highest possible quality FMV to forward warfighters and coalition partners. This is an OCO budget requirement
- \$+3.25 million for UVDS Enterprise and spoke nodes with coalition enclave. This is an OCO budget requirement
- \$+1.98 million for tactical relay equipment. This is an OCO budget requirement
- \$+1.23 million for Global Broadcast Service (GBS) expansion for a CCMD Large SATCOM Gateways. This is an OCO budget requirement
- \$+9.8 million for Satellite Communications (SATCOM) gateway expansion for AISR in a CCMD. This is an OCO budget requirement

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<u>FY 2018 REPROGRAMMING DECREASE:</u>	<u>-301,527</u>	
<u>DEFENSE-WIDE DECREASE</u>	<u>-301,527</u>	
<u>Operation and Maintenance, Defense-Wide, 18/18</u>	<u>-301,527</u>	
<u>Budget Activity 04: Administration and Servicewide Activities</u>		
Public Law 115-141, Sec 9017	770,000	770,000
	-301,527	468,473

Explanation: Funds are available for transfer under section 9017 of the DoD Appropriations Act, 2018, provided additional funds to improve the intelligence, surveillance, and reconnaissance capabilities of the DoD. This is Title IX OCO budget funding.

PART II

<u>FY 2018 REPROGRAMMING INCREASE:</u>	<u>+141,228</u>	
<u>ARMY INCREASES:</u>	<u>+8,088</u>	
<u>Aircraft Procurement, Army, 18/20</u>	<u>+5,188</u>	
<u>Budget Activity 02: Modification of Aircraft</u>		
EMARSS SEMA Mods (MIP)	51,279	51,279
	+5,188	56,467

Explanation: Funds will be used for the procurement and installation of Mission Essential Package and Global Air-Traffic Management modifications on a Quick Reaction Capability Medium Altitude Reconnaissance and Surveillance System (MARSS) aircraft in order to be able to deploy the platform and help execute the MARSS SIGINT and FMV mission as directed under the SECDEF's Global Force Management Allocation Plan. This is a **MIP project**. This is an OCO budget requirement.

<u>Other Procurement, Army, 18/20</u>	<u>+2,900</u>	
<u>Budget Activity 02: Communications and Electronics Equipment</u>		
CI Automation Architecture	9,560	9,560
	+2,900	12,460

Explanation: Funds will be used for initial procurement of the PED reach center and the PED architecture upgrade build out consisting of software licenses that include Microsoft and network monitoring tools and hardware components such as servers, storage, and switches. This is a **MIP project**. This is an OCO budget requirement.

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<u>NAVY INCREASE:</u>						<u>+9,500</u>		
<u>Other Procurement, Navy, 18/20</u>						<u>+9,500</u>		
<u>Budget Activity 02: Communications & Electronics Equipment</u>								
Cryptologic Communications (CCOP) Equip								
		16,667		16,667		+9,500		26,167

Explanation: Funds will be used to procure and install five TSSP for CCOP modernization. These sensors will be deployed aboard U.S. Navy ships to improve platform and theater force protection and indications and warning. This is a **MIP project**. This is an OCO budget requirement.

<u>DEFENSE-WIDE INCREASES:</u>						<u>+123,640</u>		
<u>Procurement, Defense-Wide, 18/20</u>						<u>+123,640</u>		
<u>Budget Activity 01: Major Equipment</u>								
Classified Program						+2,350		

Explanation: Funds equipment required in order to improve ISR architecture resiliency and intelligence and other data dissemination with in a CCMD. This is a **MIP project**. This is an OCO budget requirement.

Defense Information Systems Agency (DISA)								
		681,125		681,125		+38,120		719,245

- Explanation: Funds are required for the following efforts:
- \$+2.8 million to procure 14 Digital Video Broadcast Return Channel Suite (DVB-RCS) terminals to support the backhaul and dissemination of FMV feeds in a CCMD. This is an OCO requirement. This is an OCO budget requirement.
 - \$+1.65 million to provide an additional Unified Video Dissemination System (UVDS) coalition dissemination portal to provide low latency, highest possible quality FMV to forward warfighters and coalition partners. This is an OCO requirement. This is an OCO budget requirement.
 - \$+3.5 million to provide UVDS enterprise and spoke nodes with coalition enclave. This is an OCO budget requirement.
 - \$+6.6 million to provide Tactical AISR relay equipment. This is an OCO budget requirement.
 - \$+2.97 million to provide GBS expansion for a CCMD Large SATCOM Gateways. This is an OCO budget requirement.
 - \$+20.6 million to provide SATCOM gateway expansion for AISR in a CCMD. This is an OCO budget requirement.

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Budget Activity 02: Special Operations Command

Intelligence Systems	94,538	94,538	+4,400	98,938
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Explanation: Funds will be used to procure systems to optimize collection from AISR platforms operating across a CCMD. These systems will also provide a 24/7, all-weather capability and enable SOCOM to fully balance its collection architecture and augment the CCMD's allocated AISR. This is a **MIP project**. This is an OCO budget requirement.

Operational Enhancements	489,693	489,693	+10,375	500,068
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Explanation: Funds are to procure intelligence collection pods and spare processors in support of various airborne operations. This is a congressional special interest item. This is an OCO budget requirement.

Unmanned ISR	54,128	54,128	+15,795	69,923
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Explanation: Funds are required for the following efforts:

- \$+4.5 million procures SIGINT aircraft kits for SOF MQ-1C aircraft. This is a **MIP project**. This is an OCO requirement. This is an OCO budget requirement.
- \$+11.295 million to procure commercial off-the-shelf small UAS systems for SOF deployed to a CCMD to provide force protection and tactical ISR capability. This is a **MIP project**. This is an OCO requirement. This is a congressional special interest item. This is an OCO budget requirement.

U-28	28,699	28,699	+21,953	50,652
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Explanation: Funds are required for the following efforts:

- \$+10.092 million to modify U-28 aircraft with the interface hardware and mission system software updates required to remotely operate the respective onboard SIGINT systems. This is a **MIP project**. This is an OCO requirement. This is an OCO budget requirement.
- \$11.861 million to upgrade U-28 aircraft with SIGINT mission system upgrades. This is a **MIP project**. This is an OCO budget requirement.

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MC-12	20,000	20,000	+18,436	38,436
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Explanation: Funds are required for the following efforts:

- \$+11.408 million to modify MC-12 JAVAMAN aircraft with the interface hardware and mission system software updates required to remotely operate the respective onboard SIGINT systems. This is a **MIP project**. This is an OCO budget requirement.
- \$+7.028 million to upgrade MC-12 JAVAMAN aircraft with SIGINT mission system upgrades. This is a **MIP project**. This is an OCO budget requirement.

Non-standard Aviation	14,492	14,492	+12,211	26,703
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Explanation: Funds are required for the following efforts:

- \$+6.5 million to modify MC-12 Air National Guard non-standard aviation aircraft with the interface hardware and mission system software updates required to remotely operate the respective onboard SIGINT systems. This is an OCO requirement.
- \$+5.711 million to upgrade MC-12 aircraft with SIGINT mission system upgrades. This is an OCO requirement.

FY 2018 REPROGRAMMING DECREASE: **-141,228**

DEFENSE-WIDE DECREASE: **-141,228**

Operation and Maintenance, Defense-Wide, 18/18 **-141,228**

Budget Activity 04: Administration and Servicewide Activities

Public Law 115-141, Sec 9017	770,000	468,473	<u>-141,228</u>	327,245
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Explanation: Funds are available for transfer under section 9017 of the DoD Appropriations Act, 2018, provided additional funds to improve the intelligence, surveillance, and reconnaissance capabilities of the DoD. This is Title IX OCO budget funding.