

Subject: Intelligence, Surveillance, and Reconnaissance Request Appropriation Title: Various Appropriations	DoD Serial Number: FY 18-12 PA
	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 \$85.375 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, FY 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 ISR gaps. The requests meet 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)**.

This reprogramming transfers \$85.375 million from the Operation and Maintenance, Defense-Wide, 18/18, appropriation to various Components' FY 2018 Title IX OCO appropriations. This reprogramming action uses \$82.375 million of special transfer authority pursuant to sections 9002 and 9017 of Title IX OCO of division C of Public Law 115-141, the DoD Appropriations Act, 2018.

<b><u>FY 2018 REPROGRAMMING INCREASES:</u></b>	<b><u>+85,375</u></b>	<b><u>+82,375</u></b>
<b><u>ARMY INCREASES:</u></b>	<b><u>+23,975</u></b>	
<b><u>Other Procurement, Army, 18/20</u></b>	<b><u>+23,975</u></b>	
<b><u>Budget Activity 02: Communications and Electronics Equipment</u></b>		
Trojan (MIP)	37,362	37,362
	<b>+2,700</b>	40,062

Explanation: Funds are required for the following efforts:

- \$+0.9 million to procure two commercial off the shelf roll-on/roll-off sensors needed to provide a Combatant Command (CCMD) organic precision geolocation capability against high value targets of interest. Additional classified details are provided in the section 9017 report provided under separate cover. This is a **new start**. The total cost of this new start effort is \$0.9 million (FY 2018, \$0.9 million). This is a **MIP project**. This is an OCO budget requirement.
- \$+1.8 million to establish a tool suite to support a commercial satellite radio frequency initiative. The suite partially mitigates systemic ISR shortfalls and supports a CCMD's operations. The suite will utilize established processing architectures. Additional classified details are provided in the section 9017 report provided under separate cover. This is a **new start**. The total cost of this new effort is \$1.8 million (FY2018, \$1.8 million). This is a **MIP project**. This is an OCO budget requirement.

Approved (Signature and Date)

5 June 2018

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DCGS-A (MIP)		314,297		314,297		+14,100		328,397

Explanation: Funds will be used to procure hardware to integrate Artificial Intelligence/Machine Learning/Computer Vision (AI/ML/CV) algorithms produced by the Algorithmic Warfare Cross-Functional Team (AWCFT) into the Distributed Common Ground System (DCGS) Army program of record to assist combatant commands by mitigating shortfalls in processing, exploitation, and dissemination (PED) of image and video from additional sensor collection. Additional classified details are provided in the section 9017 report provided under separate cover. This is a congressional special interest item. This is a **new start**. The total cost of this new start effort is \$14.1 million (FY 2018, \$14.1 million). This is a **MIP project**. This is an OCO budget requirement.

CI Automation Architecture	9,560	9,560	+4,175	13,735
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Explanation: Funds are required for the following efforts:

- \$+3.9 million to expand ongoing life cycle sensor equipment refreshment of SOUTHCOM contract Airborne Intelligence, Surveillance, and Reconnaissance (AISR). These are additional upgrades to the FALCON-I system's sensors that began in 2017 but were funded in a different, non-MIP line. This is a **new start**. The total cost of this new start effort is \$3.9 million (FY 2018, \$3.9 million). This is a **MIP project**. This is an OCO budget requirement.
- \$+0.275 million to procure non-traditional information technology solutions to provide access to intelligence unavailable through traditional intelligence collection. This baseline capability will leverage and redirect existing capacity to the cyber domain. This is a **new start**. The total cost of this new effort is \$0.275 million (FY2018, \$0.275 million). This is a **MIP project**. This is an OCO budget requirement.

Family of Persistent Surveillance Capabilities	16,935	16,935	+3,000	19,935
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Explanation: Funds will procure legacy signals intelligence (SIGINT) collection systems, equipping Contractor Owned, Contractor Operated (COCO) MQ-9s with a field-ready solution to conduct collection operations, maximizing the capabilities of the high endurance platform. These systems will provide more than 32 hours per day of critical SIGINT and operational support to forces to a CCMD. Additional classified details are provided in the section 9017 report provided under separate cover. This is a **new start**. The total cost of this new effort is \$3.0 million (FY2018, \$3.0 million). This is a **MIP project**. This is an OCO budget requirement.

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<b><u>NAVY INCREASES:</u></b>							<b><u>+24,150</u></b>		
<b><u>Other Procurement, Navy, 18/20</u></b>							<b><u>+12,000</u></b>		
<b><u>Budget Activity 01: Ships Support Equipment</u></b>									
Operating Forces IPE		172,562		172,562		+12,000		184,562	
<p><u>Explanation:</u> Funds will be used to procure government owned sensors for use on COCO manned AISR platforms in support of building partner nation counterterrorism capacity and posture within a CCMD. Additional classified details are provided in the section 9017 report provided under separate cover. This is a <b>new start</b>. The total cost of this new start effort is \$12.0 million (FY 2018, \$12.0 million). This is an OCO budget requirement.</p>									
<b><u>Procurement, Marine Corps, 18/20</u></b>							<b><u>+12,150</u></b>		
<b><u>Budget Activity 04: Communications and Electronic Equipment</u></b>									
Intelligence Support Equipment		53,759		53,759		+2,400		56,159	
<p><u>Explanation:</u> Funds will be used to procure hardware and software that support the processing of image and video collection with AWCFT algorithms and data display. Funds will also provide for the integration of image and video sensor code with the AWCFT AI/ML/CV algorithms. This capability will provide Marine Corps PED analysts with a semi-automated image and video PED capability in support of multiple CCMDs. Additional classified details are provided in the section 9017 report provided under separate cover. This is a congressional special interest item. This is a <b>new start</b>. Total cost of this new start effort is \$2.4 million (FY 2018, \$2.4 million). This is a <b>MIP project</b>. This is an OCO budget requirement.</p>									
UAS Payloads		12,258		12,258		+9,750		22,008	
<p><u>Explanation:</u> Funds will be used to integrate SIGINT sensors on a USMC COCO MQ-9 and provide PED enhancements. Additional classified details are provided in the section 9017 report provided under separate cover. This is a <b>new start</b>. The total cost of this new start effort is \$9.750 million (FY 2018, \$9.750 million). This is a <b>MIP project</b>. This is an OCO budget requirement.</p>									

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<b><u>AIR FORCE INCREASES:</u></b>						<b>+11,750</b>		
<b><u>Aircraft Procurement, Air Force, 18/20</u></b>						<b>+5,000</b>		
<u>Budget Activity 05: Modification of Inservice Aircraft</u>								
MQ-9 UAS Payloads	-	-	-	-	-	<b>+5,000</b>		5,000

Explanation: Funds will be used to procure hardware to integrate AI/ML/CV algorithms produced by AWCFT into the MQ-9/Gorgon Stare ground stations. AI/ML/CV will enable target recognition, target cueing, and precision geo-coordination for the production of actionable intelligence. Additional classified details are provided in the section 9017 report provided under separate cover. This is a congressional special interest item. This is a **new start**. The total cost of this new start effort is \$5.0 million (FY 2018, \$5.0 million). This is a **MIP project**. This is an OCO budget requirement.

<b><u>Other Procurement, Air Force, 18/20</u></b>						<b>+6,750</b>		
<u>Budget Activity 03: Electronics and Telecommunications Equipment</u>								
Intelligence Comm Equipment	36,059		36,059			<b>+2,250</b>		38,309

Explanation: Funds will be used to procure an operational-scale Graphics Processing Unit (GPU) resource to enable a mission-capable, rapid development Machine Learning environment to research and advance algorithm processing approaches. Additional classified details are provided in the section 9017 report provided under separate cover. This is a congressional special interest item. This is a **new start**. The total cost of this new start effort is \$2.250 million (FY 2018, \$2.250 million). This is a **MIP project**. This is an OCO budget requirement.

<u>Budget Activity 04: Other Base Maintenance and Support Equipment</u>								
DCGS-AF	257,334		257,334			<b>+4,500</b>		261,834

Explanation: Funds will be used to procure components required to integrate AI/ML/CV algorithms produced by AWCFT into the Air Force OA-DCGS program of record. These algorithms will assist CCMDs by mitigating shortfalls in PED of image and video data from sensor collection. Additional classified details are provided in the section 9017 report provided under separate cover. This is a congressional special interest item. This is a **new start**. The total cost of this new start effort is \$4.5 million (FY 2018, \$4.5 million). This is a **MIP project**. This is an OCO budget requirement.

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**DEFENSE-WIDE INCREASES:** **+25,500** **+22,500**

**Operation and Maintenance, Defense-Wide, 18/18** **+3,000**

Classified Programs

Budget Activity 04: Administration and Servicewide Activities

**+3,000**

Explanation: Funds will be used to procure payloads for a COCO medium-altitude, multi-intelligence airframe to increase collection capacity by 200 hours monthly. Additional classified details are provided in the section 9017 report provided under separate cover. This is a **new start**. The total cost of this new effort is \$3.0 million (FY2018, \$3.0 million). This is a **MIP project**. This is an OCO budget requirement.

**NOT EXECUTABLE**

**Procurement, Defense-Wide, 18/20** **+22,500**

Budget Activity 02: Special Operations Command

Intelligence Systems	94,538	94,538	<b><u>+22,500</u></b>	117,038
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Explanation: Funds will provide three government owned SIGINT sensors for use aboard COCO AISR systems for missions in a CCMD. Additional classified details are provided in the section 9017 report provided under separate cover. This is a **new start**. The total cost of this new start effort is \$22.5 million (FY 2018, \$22.5 million). This is a **MIP project**. This is an OCO budget requirement.

**FY 2018 REPROGRAMMING DECREASE:** **-85,375** **-82,375**

**DEFENSE-WIDE DECREASE:** **-85,375** **-82,375**

**Operation and Maintenance, Defense-Wide, 18/18** **-85,375** **-82,375**

Budget Activity 04: Administration and Servicewide Activities

Public Law 115-141, Sec. 9017	770,000	85,375	<b><u>-85,375</u></b>	-
			<b><u>-82,375</u></b>	3,000

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 DoD. This is Title IX OCO budget funding.