

Subject: Intelligence, Surveillance, and Reconnaissance (ISR) Reprogramming Appropriation Title: Various Appropriations	DoD Serial Number: FY 08-33 PA
	Includes Transfer? Yes

Component Serial Number: Line Item a	<i>(Amounts in Thousands of Dollars)</i>							
	Program Base Reflecting Congressional Action		Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
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This reprogramming action is submitted for prior approval because it uses special transfer authority pursuant section 9103 of Public Law 110-252, the Supplemental Appropriations Act, 2008. This action transfers \$1,261.2 million affects various appropriations. These actions reprogram funds in support of higher priority items, based on unforeseen military requirements, than those for which funds were originally appropriated; and are determined to be necessary in the national interest. They meet all administrative and legal requirements, and none of the items has been denied previously by the Congress. This reprogramming impacts the Military Intelligence Program (MIP).

FY 2008 REPROGRAMMING INCREASES: **+1,261,200**

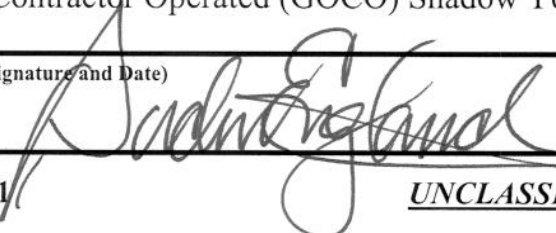
ARMY INCREASES: **+686,900**

Operation and Maintenance, Army, 08/08 **+45,900**

<u>Budget Activity 4: Administration and Service-Wide Activities</u>	6,564,856	11,274,459	<u>+45,900</u>	11,320,359
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Explanation: Funds are required to support the following activities:
 (\$1.2 million) Unattended Ground Sensors provide a persistent-stare capability used for surveillance in remote areas of interest. They provide deployed forces 24/7 persistent detection, classification, direction of travel and identification capabilities. Funds provide for spare parts needed to return inoperable sensors to service. These funds will return 60 sensors awaiting repair to service providing ISR coverage. Funds will also be used to purchase sensor programming software. The number of sensor programmers is limited in theater, slowing the programming and emplacement of sensors. The purchase of the software will provide the capability to use any laptop to program sensors, and will increase sensor usage. One key enabler of UGS usage is training. These funds provide two additional contract trainers in OIF and OEF, doubling the training capacity. This training will augment training deploying forces receive in CONUS, to provide increased integration of UGS into the ISR plan.
 (\$19.8 million) Reprioritize SHADOW Tactical Unmanned Aircraft System (TUAS) systems from non-deploying Army National Guard (ARNG) units and deploy to OIF, operated by contractor personnel (supports 5 Feb CJCS ISR Surge PLANORD and 19 Mar 08 CG, MNF-I request for additional capability). Provides funding to organize and deploy two Government Owned Contractor Operated (GOCO) Shadow TUAS platoons in support of GWOT operations.

Approved (Signature and Date)


7-11-08

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First platoon deployed 90 days from contract award; second platoon deployed 180 days from contract award.

(\$4.1 million) Advanced intelligence sensor integrated on the Hunter UAS. Provides funding for additional contract personnel, datalink components, spare parts, and flying hours to increase advanced intelligence capability and mission coverage on currently deployed Hunter/Greendart systems.

(\$5.0 million) Support two additional Medium Altitude Reconnaissance and Surveillance System (MARSS) multi-INT airborne Reconnaissance, Surveillance, and Target Acquisition (RSTA) systems to increase training capacity for this airborne Electro Optic/Infra Red (EO/IR) and Signals Intelligence (SIGINT) capability.

(\$0.8 million) Procure Processing, Exploitation and Dissemination equipment to support four ARSTs to analyze and disseminate increased airborne EO/IR and SIGINT capability. Provides capability to analyze and disseminate multi-int information to the tactical warfighter; Multi-Media Analysis and Archival System (MAAS), Intelligence Surveillance Reconnaissance Information System (ISRIS), Digital Video Broadcast Return Channel Satellite (DVB-RCS) and Warfighter Information Network Tactical (WIN-T) Increment 2.

(\$15.0 million) Shadow Tactical Unmanned Aircraft System (TUAS) Hub and Spoke operations combine four Shadow TUAS launch sites into one location and push equipment and personnel out to supported BCT Areas of Operation for mission execution. The concept significantly increases daily Reconnaissance, Surveillance, and Target Acquisition (RSTA) hours in support of GWOT operations. Increases support capacity from 4 missions to 7 missions per Shadow hub. Increases OPTEMPO from 20 hours, up to 24 hours per day and increases the number of Shadow TUAS in support of BCT missions. Adds contract operators to launch site (six operators for five Shadow Hubs = 30 operators).

Other Procurement, Army, 08/10					<u>+408,100</u>
<u>Budget Activity 2: Communications and Electronics Equipment</u>					
Small Unmanned Aerial System (SUAS)					
	33,254		33,254	+21,100	54,354

Explanation: Funds conversion of 310 Raven Small Unmanned Aircraft Systems (SUAS) to Digital Data Link (DDL) capability. DDL also provides level one encryption, enhanced video quality, and reduced power consumption. Capability mitigates frequency restrictions in theater limiting both training and operational effectiveness, as well as reduces fly-aways due to frequency interference.

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Tactical Unmanned Aerial System (TUAS)			237,464		237,464		+262,600		500,064
<p><u>Explanation:</u> Funds are required to support the following activities: (\$49.3 million) Procure Shadow upgrades to include tactical common data link and laser designator. (\$99.3 million) Procure upgraded Hunter capabilities. Advanced intelligence sensor integrated on the Hunter UAS. Provides funding for datalink components to increase advanced intelligence capability and mission coverage on currently deployed Hunter/Greendart systems. (\$114.0 million) Procure 1,200 one system remote video transceiver.</p>									
DCGS-A			146,632		146,632		+8,400		155,032
<p><u>Explanation:</u> Procures Signal Intelligence information through real time regional gateway to the SIPRNET.</p>									
Mod of In-Service Equipment (Intel Spt)			121,058		121,058		+116,000		237,058
<p><u>Explanation:</u> Procure ground SIGINT collection and analysis capabilities. Funding is required to provide Unattended Ground Sensors to provide a persistent-state capability used for surveillance in remote areas of interest. They provide deployed forces 24/7 persistent detection, classification, direction of travel and identification capabilities.</p>									
<u>Aircraft Procurement, Army, 08/10</u>							<u>+168,500</u>		
<u>Budget Activity 2: Modification of Aircraft</u>									
ARL Mods (MIP)			42,012		42,012		+168,500		210,512
<p><u>Explanation:</u> Funds are required to support the following activities: (\$112.0 million) Procure eight additional Medium Altitude Reconnaissance and Surveillance System (MARSS) multi-INT airborne Reconnaissance, Surveillance, and Target Acquisition (RSTA) systems to increase airborne Electro Optic/Infra Red (EO/IR) and Signals Intelligence (SIGINT) capability. (\$52.0 million) Procure three additional Constant Hawk airborne Reconnaissance, Surveillance, and Target Acquisition (RSTA) systems to increase airborne Electro Optic/Infra Red (EO/IR) capability. Provides airborne wide area EO/IR surveillance and forensic backtracking capability to the tactical</p>									

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warfighter. Designed to conduct counter-IED operations and support the defeat of insurgent IED activity/infrastructure through persistent surveillance.
 (\$4.5 million) Procure Processing, Exploitation and Dissemination equipment to support four Aerial Reconnaissance Support Teams to analyze and disseminate increased airborne EO/IR and SIGINT capability. Provides capability to analyze and disseminate multi-int information to the tactical warfighter; Multi-Media Analysis and Archival System (MAAS), Intelligence Surveillance Reconnaissance Information System (ISRIS), Digital Video Broadcast Return Channel Satellite (DVB-RCS) and Warfighter Information Network Tactical (WIN-T) Increment 2.

<u>Research, Development, Test, and Evaluation, Army, 08/09</u>	<u>+64,400</u>
<u>Budget Activity 7: Operational System Development</u>	
PE 0305204A Tactical Unmanned Aerial Vehicles	
101,299	101,299 +12,000 133,299

Explanation: Funds are required to support the following activities:
 (\$10.6 million) Fund Shadow upgrades to include tactical common data link and
 (\$1.4 million) Funds laser designator Conversion of 310 Raven Small Unmanned Aircraft Systems (SUAS) to Digital Data Link (DDL) capability Provides funding to convert 310 Raven SUAS systems to DDL. DDL provides the warfighter the capability to increase (400%) simultaneous airborne RAVEN operations from four to 16 within a 20km range. DDL also provides level one encryption, enhanced video quality, and reduced power consumption. Capability enhancements mitigate frequency restrictions in theater that limited both training and operational effectiveness, as well as reduce fly-away due to frequency interference.

PE 0305208A Distributed Common Ground/Surface Systems	+28,600
-	-

Explanation: Fund DCGS-A SPRNET to classified programs.

PE 0303028A Security and Intelligence Activities	+23,800
-	-

Explanation: Fund Constant Hawk PED for JFCOM.

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NAVY INCREASES:	<u>+133,100</u>							
<u>Operation and Maintenance, Navy, 08/08</u>	<u>+49,000</u>							
Budget Activity 1: Operating Forces	26,131,757		29,582,911		+49,000		29,631,911	

Explanation: Funds are required to support the following activities:

(\$17.0 million) Scan Eagle is a small, tactical unmanned air system that is contractor owned and operated. Navy has purchased six-month Intelligence, Surveillance, and Reconnaissance (ISR) services contracts that provide 8-10 air vehicles, launch and recovery systems, ground station, and contractors to operate the system. Scan Eagle has interchangeable electro-optical (EO) and infra-red (IR) systems which provide day/night full motion video (FMV) back to the supported unit. Funds are required to purchase the ISR services contract since the vehicles are contractor owned and operated (COCO). There are two Scan Eagle land-based detachments (dets) in theater purchased with a services contract in 2007 from the July 2007 SecDef ISR surge. \$8.5M per det (historical cost per six months) could extend the services beyond the current six months purchased. Each Scan Eagle detachment provides up to 700 hours per month of day/night FMV.

(\$8.0 million) This S-3B deployment is currently not funded or tasked. This unit is scheduled to be decommissioned this December 2008, however, it has capability and capacity to provide ISR until that time. Unit can provide needed downlinked and recorded FMV ISR support with capacity of 360 hr/month.

(\$15.0 million) Global Hawk Maritime Demonstrator (GHMD) and approximately 70 personnel. GHMD was funded to provide lessons learned and CONOPS development in support of the Navy's Broad Area Maritime Surveillance (BAMS) Unmanned Air System (UAS). The system includes one aircraft, Mission Control Element (MCE), Launch & Recovery Element (LRE), Tactical Auxiliary Ground Station (TAGS), spares and other maintenance consumables, SATCOM contract, and associated military and contractor support for operations and maintenance.

(\$9.0 million) Support of 4 Boeing-Insitu Scan Eagle unmanned aerial systems (UAS) and provide 2 months of contractor support (to operate 2 of the 4 systems). Funds are required to procure Scan Eagle UAS equipment and resource 12 months of contractor support. The capability to be provided is in response to USCENTCOM JUON CC-265 (classified as an Immediate Warfighter Need – IWN) to satisfy airborne ISR capabilities requested by COMSOCENT. Specifically, Combined Joint Special Operations Task Force (CJSOTF)-Arabian Peninsula (AP) and CJSOTF-Afghanistan (A) have an urgent need for dedicated UAS capabilities to fill a near-term Full Motion Video (FMV) requirement in support of 2 sites in Iraq and 2 sites in Afghanistan. Naval Special Warfare Command

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(NSWC) will accept custody of all systems and will provide trained (military) personnel to operate 2 systems in support of CJSOTF-AP. CJSOTF-A will be supported by 2 NSWC systems under Government Owned, Contractor Operated (GOCO) protocols.

<u>Operation and Maintenance, Marine Corps, 08/08</u>	<u>+900</u>
Budget Activity 1: Operating Forces	
3,574,639	7,191,943
	+900
	7,192,843

Explanation: The Counterintelligence/Human Intelligence Equipment Program (CIHEP) currently includes communications sub-components. This initiative accelerates planned capability for communications between a HUMINT source and source handler. This equipment will ensure timely intelligence reporting from Iraqi intelligence sources to their handlers, while enhancing the security of the operation. FY08 OMMC enables the user to procure commercial services to meet the threshold capability, consisting of multiple purchases of more than 300 communications devices and associated peripherals.

<u>Other Procurement, Navy, 08/10</u>	<u>+26,000</u>
Budget Activity 4: Ordnance Support Equipment	
Explosive Ordnance Disposal Equip	
38,202	38,202
	+26,000
	64,202

Explanation: Funding is required for the following procurements: Procure 4 Boeing-Insitu Scan Eagle UAS and provide 12 months of contractor support (to operate 2 of the 4 systems). Funds are required to procure Scan Eagle UAS equipment and resource 12 months of contractor support. The capability to be provided is in response to USCENTCOM JUON CC-265 (classified as an Immediate Warfighter Need – IWN) to satisfy airborne ISR capabilities requested by COMSOCENT. Specifically, Combined Joint Special Operations Task Force (CJSOTF)-Arabian Peninsula (AP) and CJSOTF-Afghanistan (A) have an urgent need for dedicated UAS capabilities to fill a near-term Full Motion Video (FMV) requirement in support of 2 sites in Iraq and 2 sites in Afghanistan. Naval Special Warfare Command (NSWC) will accept custody of all systems and will provide trained (military) personnel to operate 2 systems in support of CJSOTF-AP. CJSOTF-A will be supported by 2 NSWC systems under Government Owned, Contractor Operated (GOCO) protocols.

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<u>Aircraft Procurement, Navy, 08/10</u>							<u>+30,100</u>		
<u>Budget Activity 5: Modification of Aircraft</u>									
EP-3 Series			46,545		46,545		+30,100		76,645
<u>Explanation:</u> (\$29.0 million) This Multi-Intel (INT) EP-3 aircraft will meet Task Force addressed requirements for airborne platforms providing SIGINT-cued FMV with geolocation capabilities. This effort fields Signals Intelligence (SIGINT), communication, and collection capabilities, accelerating Cue to Kill efficiencies in OIF and related operations. 8 Multi-INT EP-3 will be configured to support Task Force goals with enhanced common upgrades across all 8 aircraft. The enhancements include an Electro/Optical-Infrared (EO/IR) system which will provide time sensitive information directly to the warfighter and support targeting and tracking of hostile forces. Other modifications augment the current baseline system for specific OIF/GWOT signals collection and increase geolocational accuracy. Aircraft will be capable of cueing onboard EO/IR sensors with accurate geolocational SIGINT data, then disseminating Full Motion Video to forces within range of transmission. (\$1.1 million) Fund P3C Full Motion Video (FMV) PED.									
<u>Procurement, Marine Corps, 08/10</u>							<u>+24,600</u>		
<u>Budget Activity 4: Communications and Electronics Equipment</u>									
Intelligence Support Equipment			149,928		149,928		+24,600		174,528
<u>Explanation:</u> Lightweight laptop configured to receive, display, store, and edit Full Motion Video (FMV). Eliminates the need for a separate ROVER receiver and associated cables by incorporating the receiver and antenna into a single terminal. Provides new video exploitation capability not currently available in theater. MNF-W submitted Urgent Universal Need Statement (UUNS). 200 terminals will immediately increase USMC FMV access on the ground by 50% in OIF and 100% in OEF. 600 terminals will ensure continued access in future deployment cycles. Provides FMV access to deployed JTACs down to Company level. Video exploitation also used in Battalion and Regiment COC.									

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Research, Development, Test, and Evaluation, Navy, 08/09					+2,500			
<u>Budget Activity 7: Operational Systems Development</u>								
PE 0305206N Airborne Reconnaissance Systems								
		59,337		59,337		+2,500		61,837

Explanation: Funds are needed to further develop EP-3 Multi-INT capability and ensure adequate design for integration of upgrades into current mission systems. This effort provides SIGINT, communication, and collection capabilities, accelerating Cue to Kill efficiencies in OIF and related operations. RDT&E funds will be utilized to develop, integrate, and test a prototype of a high bandwidth datalink, allowing real-time dissemination of video and SIGINT products directly to the warfighter. Proper design, test and full utilization of onboard sensors’ connectivity with tactical and strategic communications will enhance reachback functionality and greatly increase collection capabilities.

AIR FORCE INCREASES: **+197,900** **+191,400**

Operation and Maintenance, Air Force, 08/08					<u>+13,900</u>		<u>+7,400</u>	
<u>Budget Activity 1: Operating Forces</u>								
		21,025,997		21,198,323		+13,900		21,212,223
						+7,400		21,205,723

Explanation: Funds are required to support the following activities:
 (~~\$4.2 million~~ **\$3.5 million**) Each combat line squadron uses five experienced pilots to perform Operations Supervision duties 24 hours a day for Predator coordination with the CAOC/customer. Bringing Predator knowledgeable (not current) crew members back to Creech will put up to 5 pilots back “on the line” per squadron. 15 Pilots on the line = two combat air patrols (CAPs) of personnel. 2 CAPs = 36 hours full motion video (FMV) increase. This will allow all current and qualified pilots to be used to generate FMV hours. **SAC denied \$.7 million for Predator Operations.**
 (\$3.0 million) Contractors will be used to perform administrative duties in the operational squadrons currently performed by line personnel. Duties will include scheduling, mobility, etc. Each contractor would free up 2 hours of flight time per 24 aircrew for a total of 48 hours (24 pilots, 24 sensors). Funds are required to contract administrative support for the MQ-1 flying squadrons. 1.3 CAP increase in manpower.
 (\$0.9 million) Connect the four formal training unit (FTU) Ground Control Stations (GCS) into the existing command and control (C2) network at Creech AFB for execution of operational missions

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during FTU down time. This action requires diverse fiber connectivity between Building 707 and Building 718 at Creech AFB, which would be completed by 99CS and local contractor. Gains 20 hours of Mission Control Element GCS availability (4 x 5 hours) 1 weekday and 96 hours on weekends (4 x 24 hours).

~~(\$5.8 million) C-130 Scathe View consists of: 1) a C-130H aircraft, 2) a roll-on, roll-off pallet, and 3) a turret-mounted Wescam MX-15 Pentasensor. Scathe View is employed in time-sensitive targeting, counter-improvised explosive device detection, and situational awareness in conventional, counterinsurgency and counterterrorism operations.~~

SAC denied \$5.8 million for C-130 Scathe View
HAC denied \$6.5 million

<u>Aircraft Procurement, Air Force, 08/10</u>				<u>+123,600</u>	
<u>Budget Activity 4: Other Aircraft</u>					
MQ-1		276,120		276,120	+23,100
					299,220

Explanation: Funds are required to support the following activities:
 (\$9.8 million) This initiative will procure 14 Signals Intelligence (SIGINT) sensors to provide CENTCOM with 4 orbits worth of coverage. CENTCOM has validated a combat need for a passive/active SIGINT capability for use in both OIF and OEF. This is JUON CC-0279. The Joint Requirements Acquisition Council (JRAC) has sent this initiative unfunded to the USAF. The technical solution is already developed and has flown on the MQ-1. The additional capability required can be delivered 10 months after receipt of funds. This initiative will also allow OIF sorties to be extended to 22 hours average sortie duration from the current 21 hours. The increased number of sensors will allow reduced turn times and the need to swap immediately upon landing.
 (\$2.5 million) Predator mission coordination trainer. Procures mission coordinator training positions for Predator Mission Aircrew Training System (PMATS) simulators, allowing the Predator and/or Reaper crews and Operations Center coordinators to train like they fight. Will significantly increase mission effectiveness for new FTU graduates. Will be available within 12 months of funding.
 (\$10.8 million) Additional Predator simulators. Procures four additional PMATS and two debriefing stations for additional FTU to increase throughput of Predator and/or Reaper aircrews to increase combat air patrols. Also procures two PMATS for AFSOC to train special operations Predator and/or Reaper aircrews. Will significantly decrease FTU course length, increase UAS pilot and sensor operator production and increase ground control station (GCS) availability for combat missions. Will be available within 17 months of funding.

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MQ-9	58,075	58,075	+2,500	60,575
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Explanation: This initiative funds hardware required to retrofit to Reaper Mission Aircrew Training System (RMATS) to match MQ-9 aircraft configuration to enable migration of majority of MQ-9 Flight Training Unit (FTU) flight requirements from the Ground Control Station (GCS) to RMATS. This will enable significant reduction in MQ-9 FTU course length, increase MQ-9 pilot and sensor operator production rate, and increase GCS availability for combat missions.

C-12	-	-	+36,400	36,400
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Explanation: This supports the SECDEF initiative to put more ISR capability in the warfighter’s hands immediately. This reprogramming action will be used to procure seven C-12 aircraft from off the economy for the purpose of equipping the assets with a multi-INT capability to support Combatant Commanders. This is a **new start**.

Budget Activity 5: Modification of Inservice Aircraft

C-12	456	456	+61,600	62,056
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Explanation: This supports the SECDEF initiative to put more ISR capability in the warfighter’s hands immediately. This reprogramming action will be used to integrate an Electro-Optical and InfraRed (EO/IR) sensor, signals intelligence (SIGINT) sensor, and defensive countermeasures to protect the seven C-12 aircraft purchased for use in a hostile environment / area of responsibility. This is a **new start**.

Research, Development, Test, and Evaluation, Air Force, 08/09 **+60,400**

Budget Activity 7: Operational Systems Development

PE 0205219F MQ-9 UAV

	63,862	63,862	+2,000	65,862
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Explanation: This initiative accelerates software delivery for the Reaper Mission Aircrew Training System (RMATS) to match MQ-9 Reaper aircraft configuration. Combined with the hardware retrofit it will enable migration of the majority of MQ-9 Flight Training Unit (FTU) flight requirements from the Ground Control Station (GCS) to RMATS. This will enable significant reduction in MQ-9 FTU course length, increase MQ-9 pilot and sensor operator production rate, and increase GCS availability for combat missions.

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PE 0305206F Airborne Reconnaissance Systems	64,441	64,441	+43,000	107,441
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Explanation: Funds are required to accelerate the Wide Area Airborne Surveillance (WAAS) sensor pod and associated Tasking, Processing, Exploitation, and Dissemination (TPED) development. WAAS capability is an end-to-end imagery-based system that provides contiguous broad area imagery in urban and other environments as appropriate with sufficient resolution and revisit rate to find and fix vehicles and individual dismounts within its field of view, day and/or night. Funding provided under this reprogramming action for accelerating the WAAS capability will be used towards risk reduction (long lead item purchase and technology studies), non-recurring engineering of the Electro-Optical and InfraRed (EO/IR) sensor development, and concept development for TPED to provide data, pictures and information to the tactic operations centers (TOCs) and soldiers on the ground. Acceleration will allow the program office to produce an initial operating capability (IOC) in early FY10 instead of late FY10. There is a requirement increase for the WAAS. This is a **new start**.

DEFENSE-WIDE INCREASES: **+243,300**

Operation and Maintenance, Defense-Wide, 08/08 **+45,500**

<u>Defense Intelligence Agency</u>	-	-	<u>+5,000</u>	-
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Explanation: Provide high-speed, high capacity leased telecommunications between Joint Document & Media Exploitation Center-Iraq (JDEC-I) and National Media Exploitation Center (NMEC). MNF-I requires the capability to electronically transfer large volumes of captured enemy media directly to the NMEC for rapid exploitation and dissemination to analysts in Iraq. A Theater Media Exploitation Network will be leveraged 24/7 for electronic transfer of captured enemy media provided by tactical Document and Media Exploitation (DOMEX) teams supporting Multi-National Division (MND) and Brigade Combat Team (BCT) level commands, as well as media provided via the JDEC-I.

<u>National Security Agency</u>	-	-	<u>+17,000</u>	-
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(\$7.0 million) Provides real-time tipping and alerting services at very high rates and across geographically dispersed locations. It also provides pre-processing services for data. Analytics continuously adapt to the data and mission drivers providing a new means for detecting and reacting to adversary actions, behaviors, and patterns of life. Operational productization of a long term research effort is now possible and provides a new scale of alerting that has not been possible previously. These funds will be used to accelerate this operational transition and provide processing capacity at forward nodes.

(\$10.0 million) This activity improves automation and discovery of multi-media content from SIGINT and seized media sources. It provides advanced data capture terminals to ingest the content of seized media onto large scale data services and improves automation of triage and retrospective search and analytics. Improvements to technology and capacity are needed.

U.S. Special Operations Command

	3,209,853	4,363,082	+23,500	4,386,582
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Explanation: Will provide U.S. Special Operations Command (USSOCOM) with 56 processing, exploitation and dissemination (PED) contractors, training and operations.

Procurement, Defense Wide, 08/10 **+186,700**

Budget Activity 1: Major Equipment, NSA

Defense Airborne Reconnaissance	-	-	+105,100	-
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Explanation: Funds are required to support the following activities:

(\$5.0 million) Provides real-time tipping and alerting services at very high rates and across geographically dispersed locations. It also provides pre-processing services for data. Analytics continuously adapt to the data and mission drivers providing a new means for detecting and reacting to adversary actions, behaviors, and patterns of life. Operational productization of a long term research effort is now possible and provides a new scale of alerting that has not been possible previously. These funds will be used to accelerate this operational transition and provide processing capacity at forward nodes.

(\$6.5 million) This activity improves automation and discovery of multi-media content from SIGINT and seized media sources. It provides advanced data capture terminals to ingest the content of seized media onto large scale data services and improves automation of triage and retrospective search and analytics. Improvements to technology and capacity are needed. This funding will procure new seized media capture stations and expand capacity of automated multi-media exploitation services.

Subject: Intelligence, Surveillance, and Reconnaissance (ISR) Reprogramming Appropriation Title: Various Appropriations	DoD Serial Number: FY 08-33 PA
	Includes Transfer? Yes

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

(\$42.0 million) This activity expands the system capacity of the NSA Cloud architecture, bringing Internet-scale data services to the warfighter. Data will be ingested and mined at a scale orders of magnitude larger and costs much lower than is possible with traditional database architectures. This effort will provide broader data search and distributed analytics than is possible today. This funding will triple the capacity of the Cloud and accelerate the availability by 12 months.

(\$51.6 million) Funding for additional ground/airborne SIGINT payloads.

Budget Activity 2: Special Operations Command

Unmanned Vehicles	29,109	52,609	+77,700	130,309
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Explanation: Funds are required to support the following activities:

(\$51.0 million) Procures and modifies three aircraft. Aircraft to provide dual FMV and SIGINT. Procures three aircraft, communications, sensor suite, defensive systems, payload integration, initial spares, one Tactical operations Center (TOC), and PED workstations and a server. Military operated and contractor maintained. Adds 1.0 orbits of manned airborne ISR.

(\$4.0 million) Increases training sorties to enable acceleration of RC26 crew production in support of SOF ISR. Procures additional spares and training aids to increase training throughput. Increased training capacity for RC26 in support of GWOT Surge Operations.

(\$22.7 million) Will refurbish and upgrade existing Multispectral Targeting System (MTS)-A hardware. This will upgrade older hardware as required to the current common production configuration. Procure MTS-A and MTS-B Full Motion Video (FMV) sensors to replace older and less capable systems. Procure video downlink hardware to replace older less capable systems.

Communications Equipment and Electronics

	8,470	175,887	+3,900	179,787
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Explanation: Funds will fill existing FMV Processing, Exploitation and Dissemination (PED) manning and systems gap to include additional orbits scheduled to become operational by March 2009. Procures PED workstations and servers for ten Expeditionary FMV Exploitation Systems.

Subject: Intelligence, Surveillance, and Reconnaissance (ISR) Reprogramming							DoD Serial Number: FY 08-33 PA		
Appropriation Title: Various Appropriations							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
Research, Development, Test, and Evaluation, Defense Wide, 08/09							+11,100		
<u>Budget Activity 6: RDT&E Management Support</u>									
PE 0604875D8Z Joint Systems Architecture Development									
		4,607		4,607		+6,000		10,607	
<u>Explanation:</u> The funds are being reprogrammed to centrally fund the activities needed lay the foundation for integrating unmanned aircraft into national and international airspace systems; model and simulation tools and standards development are the primary products of these activities.									
<u>Budget Activity 7: Operational Systems Development</u>									
PE 0305102BQ Defense Geospatial-Intelligence Program									
		-		-		+5,000		-	
<u>Explanation:</u> Support classified programs.									
PE 0305885G Tactical Cryptologic Activities									
		-		-		+100		-	
<u>Explanation:</u> Support classified programs.									
<u>FY 2008 REPROGRAMMING DECREASE:</u>							<u>-1,261,200</u>		<u>-1,254,700</u>
<u>Other Procurement, Army, 08/10</u>							<u>-929,900</u>		
<u>Budget Activity 1: Tactical and Support Vehicles</u>									
Tactical Trailers/Dolly Sets									
		66,233		298,549		-70,000		228,549	
Family of Medium Tactical Veh (FMTV)									
		1,840,230		2,633,830		-386,000		2,247,830	
<u>Budget Activity 2: Communications and Electronics Equipment</u>									
SINCGARS Family									
		148,632		648,979		-100,000		548,979	
Bridge to Future Networks									
		362,620		2,110,991		-200,000		1,910,991	
Radio, Improved HF (COTS) Family									
		70,693		525,693		-140,000		385,693	

Subject: Intelligence, Surveillance, and Reconnaissance (ISR) Reprogramming							DoD Serial Number: FY 08-33 PA		
Appropriation Title: Various Appropriations							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
Force XXI Battle Command Brigade & Below			248,444		673,554		-33,900		639,654
Other Procurement, Navy, 08/10							-71,000		
<u>Budget Activity 2: Communications and Electronics Equipment</u>									
Common Imagery Ground Surface Systems			63,541		101,541		-24,518		77,023
<u>Budget Activity 5: Civil Engineering Support Equipment</u>									
Construction and Maintenance Equipment			12,015		123,115		-33,000		90,115
<u>Budget Activity 7: Personnel Command Support Equipment</u>									
Command Support Equipment			43,543		83,652		-13,482		70,170
Procurement, Marine Corps, 08/10							-112,200		
<u>Budget Activity 4: Communications and Electronics Equipment</u>									
Physical Security Equipment			12,304		372,069		-112,200		259,869
Other Procurement, Air Force, 08/10							-98,000	-91,500	
<u>Budget Activity 2: Vehicular Equipment</u>									
Passenger Carrying Vehicles			19,124		42,520		-7,000		35,520
Medium Tactical Vehicles			248,334		283,273		-15,000		268,273
Security and Tactical Vehicles			-		66,124		-20,000		46,124
Fire Fighting/Crash Rescue Vehicles							-17,500		48,624
			26,833		42,033		-4,000		38,033
<u>OUSD(C) adjusted because the HAC and SAC denied requirements.</u>									

Subject: Intelligence, Surveillance, and Reconnaissance (ISR) Reprogramming							DoD Serial Number: FY 08-33 PA		
Appropriation Title: Various Appropriations							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
Halversen Loader			7,500		27,000		-5,000		22,000
Runway Snow Removal and Cleaning Equipment			25,744		32,731		-3,000		29,731
Items Less Than \$5 Million (Vehicle)			47,031		59,531		-4,000		55,531
<u>Budget Activity 3: Electronics and Telecommunications Equipment</u>									
Base Info Infrastructure									
			328,910		380,910		-20,000		360,910
<u>Budget Activity 4: Other Base Maintenance and Support Equipment</u>									
Items Less Than \$5 million (Base Support)									
			42,884		103,884		-20,000		83,884
<u>Research, Development, Test, and Evaluation, Air Force, 08/09</u>							<u>-50,100</u>		
<u>Budget Activity 7: Operational Systems Development</u>									
PE 0305159F Defense Reconnaissance Support Activities (Space)									
			-		-		-50,100		-
<p><u>Explanation:</u> The programs being used to finance this Intelligence, Surveillance, and Reconnaissance (ISR) requirement, remain valid and are necessary to reconstitute and recapitalize military combat and support equipment as a result of prolong use in combat, or as a consequence of damage beyond repair. The identification of these programs as funding sources should not be perceived as lack of need, but instead an acceptance of risk, by postponing reconstitution in order to address a critical nearer term requirement. These funds are being made available for ISR based on the view of the Secretary of Defense that the ISR effort is a higher priority, and need to be address at this time.</p>									