

# DOT&E ACTIVITY AND OVERSIGHT

## DOT&E ACTIVITY SUMMARY

**D**OT&E activity for FY04 involved oversight of 273 programs, including 49 major automated information systems. Oversight activity begins with the early acquisition milestones, continues through approval for full-rate production and, in some instances, during full production until deleted from the DOT&E oversight list.

Our review of test planning activities for FY04 included approval of 49 Test and Evaluation Master Plans (TEMPs), as well as 51 Operational Test Plans. Live Fire Test and Evaluation (LFT&E) activity included the approval of 16 LFT&E Strategies and Test Plans for inclusion in the TEMPs. In FY04, DOT&E prepared 14 reports for the Secretary of Defense and Congress.

DOT&E also prepared and submitted numerous reports to the Defense Acquisition Board (DAB) principals for consideration in DAB deliberations.

### TEST AND EVALUATION MASTER PLANS APPROVED

AGM-154C Joint Standoff Weapon/Unitary Broach	F/A-18E/F APG-79 AESA Phase III Radar Upgrade
AIM-9X Air-to-Air Missile	F/A-22
Airborne Mine Neutralization System	Force XXI Battle Command Brigade and Below/Blue Force Tracking (FBCB2/BFT)
ALQ-99 Low Band Transmitter (LBT)	GBU-38/B Joint Direct Attack Munition (MK-82 JDAM)
Advanced Anti-Radiation Guided Missile AGM-88E (AARGM)	Global Combat Support System - Marine Corps/ Logistics Chain Management (GCSS-MC/LCM)
B-2 Advanced Technology Bomber	Global Command and Control System-Army (GCCS-A)
CH-47F Chinook	Global Command and Control System-Joint (GCCS-J) Block IV Annex
Composite Health Care System II (CHCS II)	Guided Multiple Launch Rocket System Unitary (GMLRS-U)
Cooperative Engagement Capability (CEC), E-2C Integration	Joint Biological Agent Identification and Diagnostic System (JBAIDS)
CVN-21	Joint Biological Standoff Detection System (JBSDS)
DDG-51 Guided Missile Destroyer	Joint Common Missile (JCM)
Defense Commissary Agency Commissary Advanced Resale Transaction System (CARTS)	Joint Mission Planning System - Maritime (JMPS-M)
Defense Finance and Accounting Service (DFAS) Corporate Database and Warehouse (DCD/DCW)	Joint Service Light Nuclear, Biological, and Chemical System (JSLNBCRS)
Deployable Joint Command and Control (DJC2)	Joint Standoff Weapon (JSOW) and Joint Air-to-Surface Standoff Missile (JASSM) Integration on the B1
Dry Cargo/Ammunition Ship (T-AKE)	KC-130J Hercules Aircraft
E/A-18G	
Expeditionary Fighting Vehicle (EFV)	
F/A-18E/F	

# DOT&E ACTIVITY AND OVERSIGHT

## TEST AND EVALUATION MASTER PLANS APPROVED (Continued)

Land Warrior	Ship Self Defense System (SSDS)
MH-60R Multi-mission Helicopter	Standard Missile - 6 (SM-6)
Mission Planning System (MPS)	Stryker Family of Vehicles
MK48 ADCAP Mod 7	Tomahawk Command and Control System
National Airspace System	UH-60M Black Hawk
Navy Enterprise Resource Planning (ERP)	V-22
Net-Centric Enterprise Services (NCES)	Virginia (SSN 774) Class Submarine
Patriot/MEADS Number 1 for Blocks 2004 and 2006	
Patriot/Medium Extended Air Defense System (MEADS) Combined Aggregate Program (CAP)	

## OPERATIONAL TEST PLANS APPROVED

AIM-120 Advanced Medium Range Air-to-Air Missile (AMRAAM)	F/A-18E/F (OT-IIIC System Configuration Set H2E)
AN/SPY-1D(V) (OT-IIF2)	F-16 Block 30 MK-82 Joint Direct Attack Munition (JDAM)
B-1 Conventional Mission Upgrade Program Joint Standoff Weapon (JSOW) /Joint Air-to-Surface Standoff Missile (JASSM)	Force XXI Battle Command Brigade and Below (FBCB2)
Ballistic Missile Defense System (BMDS)	GBU-38/B Joint Direct Attack Munition (MK-82 JDAM)
CH-47F	GBU-39/B Small Diameter Bomb (SDB)
Combat Survivor Evader Locator (CSEL)	H-1 Upgrades (OT-IIB)
Cooperative Engagement Capability (CEC)	Joint Air-to-Surface Standoff Missile (JASSM)
DD(X) Multi-mission Destroyer	Joint Biological Agent Identification and Diagnostic System (JBAIDS)
DDG 51 Flt IIA Glass Guided Missile Destroyer (OT-11G)	Joint Biological Point Detection System (JBPDs)
Defense Finance and Accounting Service (DFAS) Corporate Database and Warehouse (DCD/DCW)	Joint Standoff Weapon Baseline (JSOW-A) (OT-III OPEVAL)
Defense Travel System	Joint Standoff Weapon Unitary (JSOW-C) (OT-IIB OPEVAL)
DoD Training Transformation	KC-130J (OT-IIIC (I))
Dry Cargo/Ammunition Ship (T-AKE) (OT-IIB)	KC-130J Hercules Aircraft
EA-6B Improved Capabilities III (ICAP III)	Large Aircraft Infrared Countermeasures (LAIRCM)
F/A-18E/F AESA Phase III Radar Upgrade	Line-of-Sight Anti-Tank (LOSAT)

# DOT&E ACTIVITY AND OVERSIGHT

## OPERATIONAL TEST PLANS APPROVED (Continued)

Maritime Prepositioning Force (Future) (MPF(F))	Surface Electronic Warfare Improvement Program (SEWIP)
MH-60R Multi-Mission Helicopter (OT-IIA)	Tactical Tomahawk Weapon System (AN/SWG-5(V)) (OT-IIC)
MK-82 Joint Direct Attack Munition (JDAM)	Theater Medical Information Program (TMIP) Block 1
Mobile User Objective System (MOUS)	Tomahawk Command and Control System
Mortar Carrier-B (MC-B)	UH-60M Blackhawk Helicopter
MV-22 Osprey (OT-IIF)	<i>Virginia</i> (SSN 774) Class Submarine
National Airspace System (NAS)	XM142 High Mobility Artillery Rocket System (HIMARS)
Navy Marine Corps Intranet (NMCI)	XM30 Guided Multiple-Launch Rocket System (GMLRS)
Newport Chemical Agent Disposal Facility	
<i>Ohio</i> Class SSGN Submarine (OT-C-1)	
Ship Self Defense System (SSDS) MK 2 Mod 1 (FOT&E) (OT-IIIB Phase 1)	
Stryker Mobile Gun System (MGS)	

## LFT&E STRATEGIES AND TEST PLANS APPROVED

Advanced SEAL Delivery System (ASDS)	E/A-18G Aircraft Alternative
AGM-154C Joint Standoff Weapon OT/LFT&E-1	Future Aircraft Carrier (CVN 21)
AGM-154C Joint Standoff Weapon OT/LFT&E-2	MDA Ground-Based Midcourse Defense LFT&E Strategy
AGM-154C Joint Standoff Weapon OT/LFT&E-4 and -5	Mortar Carrier-B (MC-B)
AGM-154C Joint Standoff Weapon OT/LFT&E-6	Multi-mission Maritime Aircraft (MMA)
AGM-154C Joint Standoff Weapon OT/LFT&E-7	OH-58D Kiowa LFT&E Test Plan
AGM-154C Joint Standoff Weapon OT/LFT&E-8, -9, and -10	Small Diameter Bomb LFT&E Test Plan
AH-64D Apache LFT&E Test Plan	Stryker Interim Armored Vehicle (IAV) Automatic Fire Extinguishing System (AFES)
	UH-60Q/HH-60L/HH-60M LFT&E Test Plan

# DOT&E ACTIVITY AND OVERSIGHT

## OT&E and LFT&E REPORTS TO CONGRESS FOR FY04

PROGRAM	REPORT TYPE	DATE
Advanced Targeting and Designating Forward-Looking Infrared (ATFLIR) System, Block I	OT&E Report	October 2003
Integrated Defensive Electronic Countermeasures (IDECM) Block 2 Onboard Jammer Upgrade	OT&E Report	December 2003
Joint Helmet Mounting Cueing System (JHMCS)	OT&E Report	January 2004
Evolved Seasparrow Missile (ESSM)	Combined OT&E / LFT&E Report	February 2004
Stryker OT/LFT Report	Combined OT&E / LFT&E Report	February 2004
KC-135J Global Air Traffic Management Block 40 Program	OT&E Report	March 2004
Joint Air-to-Surface Standoff Missile (U)	Combined OT&E / LFT&E Report	April 2004
Advanced SEAL Delivery System (SD) (U)	Combined OT&E / LFT&E Report	April 2004
AIM-9X Air-to-Air Missile	Combined OT&E / LFT&E Report	May 2004
Tactical Tomahawk Weapon System (TTWS)	Combined OT&E / LFT&E Report	July 2004
Strategic Sealift Program (SSP)	OT&E Report	July 2004
Combat Survivor Evader Locator (CSEL)	OT&E Report	August 2004
Force XXI Battle Command Brigade and Below / Blue Force Tracking (FBCB2/BFT)	OT&E Report	August 2004
Mortar Carrier-B (MC-B) Configuration of Stryker Family of Vehicles	Combined OT&E / LFT&E Report	September 2004

During FY04, DOT&E met with Service operational test agencies, program officials, private-sector organizations, and academia; monitored test activities; and provided information to the DAB committees as well as the DAB principals, the Secretary and Deputy Secretary of Defense, the Under Secretary of Defense (Acquisition, Technology and Logistics), the Service Secretaries, and Congress. Active on-site participation in, and observation of, tests and test-related activities remain the most effective tools. In addition to on-site participation and local travel within the national capital region, approximately 528 trips supported the DOT&E mission.

Security considerations preclude identifying classified programs in this report. The objective is to ensure operational effectiveness and suitability do not suffer due to extraordinary security constraints imposed on those programs.

# DOT&E ACTIVITY AND OVERSIGHT

## DOT&E PROGRAM OVERSIGHT

**D**OT&E is responsible for approving the adequacy of plans for operational test and evaluation and for reporting the operational test results for all major defense acquisition programs to the Secretary of Defense, Under Secretary of Defense (Acquisition, Technology and Logistics), Service Secretaries, and Congress. For DOT&E oversight purposes, major defense acquisition programs were defined in the law to mean those programs meeting the criteria for reporting under section 2430, Title 10, United States Code (Selected Acquisition Reports (SARs)). The law (sec. 139(a)(2)(B)) also stipulates that DOT&E may designate any other programs for the purpose of oversight, review, and reporting. With the addition of such “non-major” programs, DOT&E was responsible for oversight of a total of 273 acquisition programs during FY04.

Non-major programs are selected for DOT&E oversight after careful consideration of the relative importance of the individual program. In determining non-SAR systems for oversight, consideration is given to one or more of the following essential elements:

- Congress or OSD agencies have expressed a high level of interest in the program.
- Congress has directed that DOT&E assess or report on the program as a condition for progress or production.
- The program requires joint or multi-Service testing (the law (Sec. 139(b)(4)) requires the DOT&E to coordinate “testing conducted jointly by more than one military department or defense agency”).
- The program exceeds or has the potential to exceed the dollar threshold definition of a major program according to DoD 5000.1, but does not appear on the current SAR list (e.g., highly classified systems).
- The program has a close relationship to or is a key component of a major program.
- The program is an existing system undergoing major modification.
- The program was previously a SAR program and operational testing is not yet complete.

This office is also responsible for the oversight of LFT&E programs, in accordance with 10 USC 139. DoD regulation uses the term “covered system” to include all categories of systems or programs identified in 10 USC 2366 as requiring live fire test and evaluation. In addition, systems or programs that do not have acquisition points referenced in 10 USC 2366, but otherwise meet the statutory criteria, are considered “covered systems” for the purpose of DOT&E oversight.

A covered system, for the purpose of oversight for LFT&E, has been determined by DOT&E to meet one or more of the following criteria:

- A major system, within the meaning of that term in 10 USC 2302(5), that is:
  - User-occupied and designed to provide some degree of protection to the system or its occupants in combat.
  - A conventional munitions program or missile program.
- A conventional munitions program for which more than 1,000,000 rounds are planned to be acquired.
- A modification to a covered system that is likely to affect significantly the survivability or lethality of such a system.

DOT&E was responsible for the oversight of 88 LFT&E acquisition programs during FY04.

# DOT&E ACTIVITY AND OVERSIGHT

## PROGRAMS UNDER DOT&E OVERSIGHT CALENDAR YEAR 2004

(As taken from the January 2004 Official T&E Oversight List)

### ARMY PROGRAMS

Abrams Tank Upgrade - ABRAMS Upgrade

Advanced Field Artillery Tactical Data System (AFATDS)

Advanced Threat Infrared Countermeasures / Common Missile Warning System (ATIRCM/CMWS)

Aerial Common Sensor (ACS)

Air and Missile Defense Planning and Control System (AMDPCS)

All Source Analysis System (ASAS)

AN/TPQ-47 Counterfire Radar

Army Theater Support Vessel (TSV)

Battle Command Sustainment Support System (BCS3)

Biometrics

Black Hawk Upgrade (UH-60M)

Bradley Fighting Vehicle System Upgrade

CH-47F – Cargo Helicopter (CH-47D helicopter upgrade program)

Comanche (RAH-66) Reconnaissance Attack Helicopter (Includes 20mm ammunition)

Distributed Common Ground System – Army (DCGS-A)

EXCALIBUR (Family of Precision, 155mm Projectiles)

Family of Medium Tactical Vehicles (FMTV)

Force XXI Battle Command Brigade & Below (FBCB2) Program

Forward Area Air Defense System Command and Control System (FAAD C2)

Future Combat System (FCS) and all associated systems, including:

- Battle Command
- Infantry Carrier Vehicle (ICV)
- Command and Control Vehicle (C2V)
- Reconnaissance and Surveillance Vehicle (R&SV)
- Mounted Combat system (MCS)
- Non-Line-of-Sight Mortar (NLOS Mortar)
- Non-Line-of-Sight Cannon (NLOS Cannon)
- FCS Medical Vehicle (MV)
- FCS Recovery Maintenance Vehicle (FRMV)
- UAV Class I (Organic Air Vehicle – Light) (UAV CL I)
- UAV Class II (Organic Air Vehicle-Medium) (UAV CL II)

FCS Continued:

- UAV Class III (Small UAV) (UAV CL III)
- UAV Class IV (Shadow) (UAV CL IV GROUND)
- UAV Class IV (Fire Scout) (UAV CL IV GROUND)
- Armed Robotic Vehicle (ARV)
- Multi-Function Utility/Logistics and Equipment Vehicle (MULE)
- Small Unmanned Ground Vehicle (SUGV)
- Unmanned Ground Sensors (UGS)
- Non-Line-of-Sight Launch System (NLOS LS) – to include Precision Attack Munition (PAM) and Loitering Attack Munition (LAM)
- Intelligent Munitions System (IMS)
- Mid-Range Munitions (MRM)

General Fund Enterprise Business System (GFEBS)

Global Combat Support System – Army (GCSS-A)

Global Command and Control System – Army (GCCS-A)

Guided Multiple Launch Rocket System (GMLRS)

Guided Multiple Launch Rocket System (GMLRS) – Unitary

High Mobility Artillery Rocket System (HIMARS)

Integrated System Control (ISYSCON V4)

JAVELIN- Advance Anti-Tank Weapon System – Medium

Joint Common Missile

Joint Land Attack Cruise Missile Defense Elevated Netted Sensors (JLENS)

Joint Tactical Radio System (JTRS) Cluster 1 (JTRS Cluster 1)

Joint Tactical Radio System (JTRS) Cluster 5 (JTRS Cluster 5)

Kiowa Warrior (OH-58D)

Land Warrior

Line-of-Sight Anti-Tank Missile (LOSAT)

Longbow Apache (AH-64D)

Longbow Hellfire Missile (Upgrades/Modifications)

Maneuver Control System (MCS) Army Tactical Command and Control System (MCS (ATCCS))

Medium Extended Air Defense System (MEADS)

# DOT&E ACTIVITY AND OVERSIGHT

## ARMY PROGRAMS (continued)

Mobile Tactical High Energy Laser (MTHL)	Transportation Coordinator's Automated Information for Movement System II (TC-AIMS II)
Patriot Advanced Capability-3	Visual Information Support (VIS)
Precision Guided Mortar Munitions (PGMM)	Warfighter Information Network-Tactical (WIN-T)
Single Channel Anti-Jam Man-Portable (SCAMP) (MILSTAR, Block II)	XM8 Lightweight Modular Weapon System
Single Channel Anti-Jam Man-Portable (SCAMP) System Enhancement Program (SEP)	XM29 Integrated Air Burst Weapon System (formerly the OICWS)
Stryker – Armored Vehicle	XM307 Objective Crew Served Weapon System (OCSWS)
Surface-Launched AMRAAM (SLAMRAAM) Missile	
Suite of Integrated Radio Frequency Countermeasures (SIRFC) (AN/ALQ-211)	

## NAVY PROGRAMS

Acoustic Rapid COTS Insertion for SONAR	DDG-51 Guided Missile Destroyer (Basic ship and all variants)
Active Electronically Scanned Array (AESA)	DD(X) Future Surface Combatant
AGM-88E Advanced Anti-Radiation Guided Missile (AARGM) Program	Defense Integrated Military Human Resources System (DIMHRS)
Advanced Deployable System (ADS)	Deployable Joint Command and Control (DJC2)
Advanced SEAL Delivery System (ASDS)	E-2C Advanced Hawkeye (E2C Radar Modernization Program (RMP))
Affordable Weapon System	E-2C Reproduction Hawkeye
AIM-9X Air-to-Air Missile Upgrade	EA-6B Improved Capabilities (ICAP) III & Multiple Upgrades (Low Band Transmitter, Band 7-8 Transmitter, USQ-113 Communications Jammer)
Airborne Mine Neutralization System (AMNS)	E/A-18G (electronic variant of F/A-18)
Air Early Warning (AEW)	Expeditionary Fighting Vehicle (EFV)
AN/AAR-47 V2 Upgrade Missile / Laser Warning Receiver	Evolved Seasparrow Missile (ESSM)
AN/ALR-67 Advanced Special Receiver (ASR) V2 & V3	Extended Range Guided Munition (ERGM)
AN/APR-39A V2 Radar Warning Receiver	F-35 Joint Strike Fighter (JSF) Program
AN/SPY-1 B/D (All Versions)	F/A-18 E/F Hornet Naval Strike Fighter (All upgrades)
AN/WSQ-11 Countermeasure Anti-Torpedo	Fixed Distributed System (FDS)
Ballistic Missile Technical Collection (BMTC)	Global Command and Control System – Maritime (GCCS-M)
Broad Area Maritime Surveillance (BAMS)	Global Combat Support System – Marine Corps (GCSS-MC)
CH-53X Upgrade to USMC H-53 Program	H-1 Upgrades (4BW/4BN)
Cooperative Engagement Capability (CEC)	Identification Friend or Foe Mark XIIA Mode 5
Cobra Judy Replacement (CJR) - Ship-based radar system	
Cruiser Conversion	
CVN 68 - Nimitz Class Nuclear Powered Aircraft Carriers	
CVN-21- Next Generation Nuclear Attack Carrier	



# DOT&E ACTIVITY AND OVERSIGHT

## NAVY PROGRAMS (continued)

Integrated Defensive Electronic Countermeasure (IDECM)	Rapid Airborne Mine Clearance System (RAMICS)
Integrated Surface Ship ASW Combat System (AN/SQQ-89)	Rolling Airframe Missile (RAM)
Joint Mission Planning System (JMPS)	Ship Self Defense System (SSDS)
Joint Standoff Weapon (JSOW) Baseline/Unitary	Surface Electronic Warfare Improvement Program (SEWIP)
Joint Tactical Radio System Cluster 3 (JTRS Cluster 3)	SSGN <i>Ohio</i> Class Conversion
KC-130J Aircraft	SSN-21 <i>Seawolf</i> /AN/BSY-2
Logistics Automated Information System (LOGAIS) (USMC)	SSN-23 <i>Jimmy Carter</i>
Long Range Land Attack Projectile (LRLAP)	SSN-774 <i>Virginia</i> Class Submarine
LHA(R) - New Amphibious Assault Ship	Standard Surface-to-Air Missile 6 (SM-6)
LHD 1 Amphibious Assault Ship	Standard Missile-2 (SM-2) (Blocks I/II/III/IV)
LHD 8 Amphibious Assault Ship	Standoff Land Attack Missile - Expanded Response (SLAM-ER)
Littoral Combatant Ship (LCS)	Strategic Sealift Program (SSP) Ship Class
LPD-17 Amphibious Transport Dock (Includes 30mm ammunition)	Submarine Exterior Communications System (SubECs) (Includes Common Submarine Radio Room (CSRR) )
MH-60R Multi-Mission Helicopter Upgrade	Surveillance Towed Array Sensor System (SURTASS) / Low Frequency Active (LFA)
MH-60S Helicopter (Utility helicopter replacing existing CH-46D, HH-60H, SH-3 & UH-1N helicopters)	T-AKE Lewis & Clark Class Of Auxiliary Dry Cargo Ships
Multi-Functional Information Distribution System - Low Volume Terminal (MIDS-LVT)	T-AOE(X) (Fast Combatant Support Ship)
MK-48 Torpedo Mods	T-45TS (Undergraduate Jet Pilot Training System)
Multi-Mission Maritime Aircraft (MMA)	Tactical Control System (TCS)
Maritime Prepositioning Force (Future) (MPF (F))	Tactical Tomahawk Missile
Naval Integrated Fire Control-Counter Air (NIFC-CA)	Tactical Tomahawk Mission Planning System / Tomahawk Command & Control System (MPS/TCCS)
Navy Advanced EHF Multi-Band Terminal (NMT)	Trident II Missile
Navy Enterprise Resource Planning (ERP) (includes Navy Enterprise Maintenance Automated Information System (NEMAIS))	V-22 Osprey Joint Advanced Vertical Lift Aircraft
Navy-Marine Corps Intranet (NMCI)	Vertical Take-Off Unmanned Aerial Vehicle (VTUAV)
Navy Standard Integrated Personnel System (NSIPS)	VXX (VH-3D) Presidential Helicopter Fleet Replacement Program



# DOT&E ACTIVITY AND OVERSIGHT

## AIR FORCE PROGRAMS

Advance EHF (AEHF)	F/A-22 – Advanced Tactical Fighter
ALR-56M Radar Warning Receiver	Financial System Initiative (FSI)
ALR-69 Radar Warning Receiver	Global Broadcast Service (GBS)
Advanced Medium Range Air-to-Air Missile (AMRAAM)	Global Combat Support System - Air Force (GCSS-AF)
Advanced Polar System (APS)	Global Command and Control System - Air Force (GCCS-AF)
Airborne Warning and Control System (AWACS (E-3)) Upgrades (Includes AWACS RSIP (E-3))	Global Hawk High Altitude Endurance Unmanned Aerial Vehicle
Air Operations Center - Weapons System (AOC-WS)	Global Positioning System III (GPS III)
B-1B CMUP – B-1 LANCER Penetrating Bomber Conventional Mission Upgrade Program (CMUP)	Global Transportation Network-21 (GTN-21)
B-2 Radar Modernization Program (B-2 RMP)	Integrated Strategic Planning and Analysis Network (ISPAN)
B-2A Spirit Stealth Bomber	Joint Air-to-Surface Standoff Missile (JASSM) and JASSM Expanded Response (ER)
B-52 Re-Engining Program	Joint Direct Attack Munition (JDAM)
C-5 Avionics Modernization Program (AMP)	Joint Helmet Mounted Cueing System (JHMCS)
C-5 Reliability Enhancement and Re-engining Program (RERP)	Joint Mission Planning System (JMPS)
C-17A - Globemaster III Advanced Cargo Aircraft	Joint Precision Approach and Landing System (JPALS)
C-130 AMP - Avionics Modernization Program	Joint Primary Aircraft Training System (JPATS)
C-130J Hercules Cargo Aircraft (All Variants)	Joint Surveillance Target Attack Radar System (JSTARS)
Combat Information Transport System (CITS)	Joint Tactical Radio System Cluster 4 (JTRS Cluster 4)
Combatant Commander's Integrated Command and Control System (CCIC2S)	KC-767A Aerial Tanker Aircraft
Combat Survivor Evader Locator (CSEL)	KC-135 Global Air Traffic Management (GATM) Upgrade
Defense Enterprise Accounting Management System (DEAMS)	KC-135 Recapitalization Program
Deliberate and Crisis Action Planning and Execution Segments (DCAPES)	Large Aircraft Infrared Countermeasures (LAIRCM)
Distributed Common Ground System-Air Force (DCGS-AF) (including Blk10)	Minimum Essential Emergency Communications Network (MEECN)
E-4B Modernization Program	MILSTAR (Satellite Low/Med Data Rate Communications)
E-10 – Multi-Sensor Command and Control Aircraft (MC2A) Program	Minuteman III GRP - Guidance Replacement Program
Evolved Expendable Launch Vehicle (EELV)	Minuteman III PRP - Propulsion Replacement Program
Family of Beyond Line-of-Sight Terminals (FAB-T)	Mission Planning System (MPS)
F-117 Infra-Red Acquisition and Designation System (IRADS)	Multiple Platform – Common Data Link (MP-CDL)
F-15 Tactical Electronic Warfare Suite (TEWS) (AN/ALQ-135 Band 1.5 Fiber-Optic Towed Decoy)	Multi-Platform Radar Technology Insertion Program (MP-RTIP)
	Mobile User Objective System (MUOS)

# DOT&E ACTIVITY AND OVERSIGHT

## AIR FORCE PROGRAMS (continued)

National Airspace System (NAS)	Space Based Radar (SBR)
National Polar-Orbiting Operational Environment Satellite (NPOESS)	Sensor Fuzed Weapon (SFW) P3I (CBU-97/B)
NAVSTAR Global Positioning System (GPS)	Small Diameter Bomb (SDB)
Navy Extremely High Frequency (NESP) Satellite Communications (SATCOM) Program	Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T)
Personnel Recovery Vehicle (PRV)	Tactical Air Control System (TACS)
Predator Unmanned Aerial Vehicle (UAV) RQ/MQ-1	Theater Battle Management Core System (TBMCS)
Predator B Armed Unmanned Aerial Vehicle (UAV) MQ 9	Theater Deployable Communications (TDC)
Space-Based Infrared System Program, High Component (SBIRS-HIGH)	Transformational SATCOM System (TSAT)
	Wideband Gapfiller

## OTHER DoD PROGRAMS

Ballistic Missile Defense Program <ul style="list-style-type: none"><li>• Ground Based Midcourse Defense Segment (Includes Ground Based Interceptor [GBI], Ground Based Radar [GBR], and Battle Management C3 [BMC3])</li><li>• AEGIS BMD and SM-3 BLOCK I</li><li>• Space Tracking and Surveillance System (STSS)</li><li>• Theater High-Altitude Area Defense (THAAD)</li><li>• YAL-1 Airborne Laser (ABL)</li></ul>	Defense Message System (DMS)
Business System Modernization (BSM)	Defense Travel System (DTS)
Chemical Agent Standoff Detection System (Artemis)	DFAS Corporate Database/Warehouse (DCD/DCW)
Joint Biological Agent Identification and Diagnosis System (JBAIDS)	Geoscout Block 1
Joint Biological Point Detection System (JBPDS)	Global Information Grid-Bandwidth Expansion (GIG-BE))
Joint Biological Stand Off Detection System (JBSDS)	Global Command & Control System – Joint (GCCS-J)
Joint Chemical Agent Detector (JCAD)	Global Combat Support System COCOM/JTF (GCSS-(CC/JTF))
Joint Service Light NBC Reconnaissance System (JSLNBCRS)	Global Electromagnetic Spectrum Analysis System (GEMSAS)
Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD)	High Performance Computing Modernization (HPCM)
Joint Service Sensitive Equipment Decontamination (JSSED)	Joint Tactical Radio System Waveform (JTRS WAVEFORM)
Joint Warning and Reporting Network (JWARN)	Joint Unmanned Combat Air System (JOINT UCAS) (Includes AF and Navy UAV programs)
Cryptologic Mission Management (CMM)	Journeyman
Consolidated Advanced Resale Transaction System (CARTS)	Net- Centric Enterprise Services (NCES)
Chemical Demilitarization	Key Management Infrastructure (KMI)
Composite Health Care System II (CHCS II)	Public Key Infrastructure (PKI)
	Rebuilding Analysis (REBA)
	Teleport
	Theater Medical Information Program (TMIP)
	Trailblazer (TBMMP)