

Program Oversight

DOT&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 (MDAPs) to the Congress, SECDEF, Service Secretaries, and Under Secretary of Defense for Acquisition, Technology and Logistics. Any program that meets the criteria established in section 2430 of title 10, United States Code (10 USC 2430) is considered an MDAP and is subject to the requirement for periodic Selected Acquisition Reports (SARs) from SECDEF to Congress. DOT&E may designate any other programs as MDAPs in accordance with 10 USC 139(a)(2)(B) for the purpose of oversight, review, and reporting. These additional MDAPs are not subject to SAR requirements. Including such “non-SAR” programs, DOT&E was responsible for overseeing the OT&E of 302 acquisition programs during FY17.

DOT&E selects non-SAR programs for oversight after careful consideration of the relative importance of individual programs. One or more of the following essential elements factor into this consideration:

- 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 (10 USC 139(b)(4) requires 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 Directive 5000.01, “The Defense Acquisition System,” but does not appear on the current SAR list (e.g., highly classified systems).

- The program has a close relationship with 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.

DOT&E is also responsible for the oversight of LFT&E programs, in accordance with 10 USC 139. The DOD uses the term “covered system” to include all categories of systems or programs identified in 10 USC 2366 as requiring LFT&E. 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. DOT&E was responsible for overseeing the LFT&E of 124 acquisition programs during FY17.

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, as defined 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 million 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.

Following is the list of DOD, Army, Navy, and Air Force programs under DOT&E oversight in FY17, as taken from the September 2017 DOT&E Oversight List.

DOD PROGRAMS

AC-130J

BMDS - Ballistic Missile Defense System Program

CHEM DEMIL-ACWA - Chemical Demilitarization Program - Assembled Chemical Weapons Alternatives

CHEM DEMIL-CMA - Chemical Demilitarization (Chem Demil) - Chemical Materials Agency (Army Executing Agent)

Common Analytical Laboratory System - Field Confirmation - Analytical Confirmatory Set (CAL5-FC-ACS)

Common Analytical Laboratory System - Field Confirmatory - Integrated System (CAL5-FC-IS)

Common Analytical Laboratory System - Theater Validation - Integrated System (CAL5-TV-IS)

Defense Agency Initiative (DAI)

Defense Enterprise Accounting and Management System - Increment 1 (DEAMS - Inc. 1)

Defense Medical Information Exchange (DMIX)

Defense Security Assistance Management System (DSAMS) - Block 3

DoD Healthcare Management System Modernization (DHMSM)

EDS - Explosive Destruction System

Global Command & Control System - Joint (GCCS-J)

Joint Aerial Layer Network

Joint Biological Tactical Detection System

Joint Information Environment

Joint Light Tactical Vehicle (JLTV)

Joint Operational Medicine Information Systems

FY17 DOT&E ACTIVITY AND OVERSIGHT

Joint Regional Security Stack (JRSS)
Joint Warning and Reporting Network (JWARN)
Key Management Infrastructure (KMI) Increment 2
Long-Range Discrimination Radar
Mid-Tier Networking Vehicle Radio
milCloud
Mission Partner Environment - Information System
Multi-Functional Information Distribution System (includes integration into USAF & USN aircraft)

Next Generation Chemical Detector
Next Generation Diagnostic System Increment 1 (NGDS Inc 1)
Public Key Infrastructure (PKI) Incr 2
SOCOM Dry Combat Submersible Medium (DCSM)
Teleport, Generation III
Theater Medical Information Program - Joint (TMIP-J) Block 2

ARMY PROGRAMS

3rd Generation Improved Forward Looking Infrared (3rd Gen FLIR)
Abrams Active Protection Systems (APS)
ABRAMS TANK MODERNIZATION - Abrams Tank Modernization (M1E3)
Abrams Tank Upgrade (M1A1 SA / M1A2 SEP)
Advanced Field Artillery Tactical Data System (AFATDS) Version 7
Advanced Multi-Purpose (AMP) 120mm Tank Round
AH-64E Apache Remanufacture/New Build
Airborne and Maritime/Fixed Site Joint Tactical Radio System (AMF JTRS)
Small Airborne Networking Radio (SANR)
AN/TPQ-53 Radar System (Q-53)
Armored Multipurpose Vehicle (AMPV)
Armored Truck - Heavy Dump Truck (HDT)
Armored Truck - Heavy Equipment Transporter (HET)
Armored Truck - Heavy Expanded Mobility Tactical Truck (HEMTT)
Armored Truck - M915A5 Line Hauler
Armored Truck - M939 General Purpose Truck
Armored Truck - Palletized Loading System (PLS)
Army Integrated Air & Missile Defense (AIAMD)
Army Integration of the Department of the Navy (DON) Large Aircraft Infrared Countermeasure (LAIRCM) Advanced Threat Warning (ATW) System on the AH-64E Helicopter
Army Tactical Missile System - Service Life Extension Program (ATACMS-SLEP)
Army Vertical Unmanned Aircraft System
Assured - Positioning, Navigation, & Timing (Assured - PNT)
Biometrics Enabling Capability (BEC) Increment 1
Biometrics Enabling Capability Increment 0
Black HAWK (UH-60M) - Utility Helicopter Program
Bradley Active Protection Systems (APS)
Bradley Engineering Change Proposal (ECP) and Modernization
Brownout Rotorcraft Enhancement System (BORES)
C-17 Increase Gross Weight (IGW) and reduced Formation Spacing Requirements (FSR) with T-11 parachute
Cannon Delivered Area Effects Munitions (C-DAEM) Family of Munitions
CH-47F - Cargo Helicopter
Chinook H-47 Block II

Command Post Computing Environment (CPCE)
Common Infrared Countermeasures (CIRCM)
Common Remotely Operated Weapons System III
Data Center / Cloud / Generating Force Computing Environment (DC/C/GFCE)
Department of Defense Automated Biometric Information System
Distributed Common Ground System - Army (DCGS-A)
EXCALIBUR - Family of Precision, 155mm Projectiles
Extended Range Cannon Artillery (ERCA)
Family of Small Unmanned Aircraft Systems
FBCB2 - Force XXI Battle Command Brigade and Below Program
FBCB2 - Joint Capability Release (FBCB2 - JCR)
Fixed-Wing Utility Aircraft
FMTV - Family of Medium Tactical Vehicles
Future Vertical Lift Capability Set 3 (FVL CS 3)
Gator Landmine Replacement Program (GLRP)
General Fund Enterprise Business System (GFEBs)
Global Combat Support System Army (GCSS-A)
Ground Mobility Vehicle (GMV)
Guided Multiple Launch Rocket System - Unitary (GMLRS Unitary)
Guided Multiple Launch Rocket System Alternate Warhead (GMLRS AW)
HELLFIRE Romeo
High Explosive Guided Mortar (HEGM)
High Mobility Artillery Rocket System (HIMARS)
High Mobility Multipurpose Wheeled Vehicle (HMMWV)
Identification Friend or Foe Mark XIIA Mode 5 (all development and integration programs)
Improved Turbine Engine Program (ITEP)
Indirect Fire Protection Capability Increment 2 - Intercept (IFPC Inc 2-I)
Integrated Personnel and Pay System - Army (Army IPPS) Increment 1
Integrated Personnel and Pay System - Army (IPPS-A) Increment 2
Interceptor Body Armor
Javelin Antitank Missile System - Medium
Joint Air-to-Ground Missile (JAGM)
Joint Assault Bridge (JAB)

FY17 DOT&E ACTIVITY AND OVERSIGHT

Joint Battle Command Platform (JBC-P)
Joint Enterprise Network Manager (JENM)
Joint Tactical Radio System, Handheld, Man pack, and Small Form Fit [Leader Radio]
Joint Tactical Radio System, Handheld, Man pack, and Small Form Fit [Manpack]
Logistics Modernization Program (LMP)
Long Range Precision Fires (LRPF)
M270A1 Multiple Launch Rocket System (MLRS)
M829A4
M88A2 Heavy Equipment Recovery Combat Utility Lift Evacuation System (Hercules)
Mine Resistant Ambush Protected Vehicle Systems - including SOCOM vehicles
Mobile / Handheld Computing Environment (M/HCE)
Mobile Protected Firepower Increment 1 (MPF Inc 1)
Modernized Expanded Capacity Vehicle (MECV) - Survivability Project
Modular Handgun System (XM17/XM18)
Mounted Computing Environment (MCE)
MQ-1C Unmanned Aircraft System Gray Eagle
Near Real Time Identity Operations
Nett Warrior
One System Remote Video Terminal
Paladin/FASSV Integrated Management (PIM)
PATRIOT PAC-3 - Patriot Advanced Capability 3
Real Time / Safety Critical / Embedded Computing Environment (RT/SC/ECE)
RQ-7B SHADOW - Tactical Unmanned Aircraft System

Sensor Computing Environment (SCE)
Soldier Protection System
Spider XM7 Network Command Munition
Stryker Active Protection Systems (APS)
STRYKER ECP - STRYKER Engineering Change Proposal
Stryker M1126 Infantry Carrier Vehicle including Double V-Hull variant
Stryker M1127 Reconnaissance Vehicle
Stryker M1128 Mobile Gun System
Stryker M1129 Mortar Carrier including the Double V-Hull variant
Stryker M1130 Commander's Vehicle including the Double V-Hull Variant
Stryker M1131 Fire Support Vehicle Including the Double V-Hull Variant
Stryker M1132 Engineer Squad Vehicle Including the Double V-Hull Variant
Stryker M1133 Medical Evacuation Vehicle Including the Double V-Hull Variant
Stryker M1134 ATGM Vehicle Including the Double V-Hull Variant
Stryker M1135 NBC Reconnaissance Vehicle (NBCRV)
UH-60V Black HAWK
UH-72A Lakota Light Utility Helicopter
Warfighter Information Network - Tactical Increment 3 (WIN-T Inc 3)
WIN-T INCREMENT 1 - Warfighter Information Network - Tactical Increment 1
WIN-T INCREMENT 2 - Warfighter Information Network - Tactical Increment 2
XM1156 Precision Guidance Kit (PGK)
XM1158 7.72mm Cartridge
XM25, Counter Defilade Target Engagement (CDTE) System

NAVY PROGRAMS

Acoustic Rapid COTS Insertion for SONAR
Advanced Airborne Sensor
Advanced Arresting Gear
AEGIS Modernization (Baseline Upgrades)
AGM-88E Advanced Anti-Radiation Guided Missile
AH-1Z
AIM-9X - Air-to-Air Missile Upgrade Block II
Air and Missile Defense Radar (AMDR)
Air Warfare Ship Self Defense Enterprise
Airborne Resupply/Logistics for Seabasing
Amphibious Assault Vehicle Upgrade (AAVU)
Amphibious Combat Vehicle Phase 1 Increment 1 (ACV 1.1)
AN/APR-39 Radar Warning Receiver
AN/AQS-20X Minehunting Sonar and Tow Vehicle (all variants)
AN/SQQ-89A(V) Integrated USW Combat Systems Suite
Assault Breaching System Coastal Battlefield Reconnaissance and Analysis System (all variants)

Barracuda Mine Neutralization System
CANES - Consolidated Afloat Networks and Enterprise Services
Carrier Based Unmanned Air System
CH-53K - Heavy Lift Replacement Program
Close-In Weapon System (CIWS) including SEARAM
CMV-22 Joint Services Advanced Vertical Lift Aircraft - Osprey -- Carrier Onboard Delivery (COD)
COBRA JUDY REPLACEMENT - Ship-based radar system
Columbia Class SSBN - including all supporting PARMs
Cooperative Engagement Capability (CEC)
Countermeasure Anti-Torpedo
CVN-78 - GERALD R. FORD CLASS Nuclear Aircraft Carrier
DDG 1000 - ZUMWALT CLASS Destroyer - includes all supporting PARMs and the lethality of the LRLAP and 30mm ammunition
DDG 51 Flight III and associated PARMs
Department of Navy Large Aircraft Infrared Countermeasures Program (DON LAIRCM)

FY17 DOT&E ACTIVITY AND OVERSIGHT

Distributed Common Ground System - Navy (DCGS-N)
E-2D Advanced Hawkeye
EA-18G - Airborne Electronic Attack
Electro-Magnetic Aircraft Launching System
Electronic Procurement System
Enhanced Combat Helmet
Enterprise Air Surveillance Radar
Evolved Sea Sparrow Missile (ESSM)
Evolved Sea Sparrow Missile Block 2
Expeditionary Transfer Dock (formerly Mobile Landing Platform (MLP) Core Capability Set (CCS) Variant) and Expeditionary Mobile Base (formerly MLP Afloat Forward Staging Base (AFSB) Variant)
F/A-18E/F - SUPER HORNET Naval Strike Fighter
Frigate Class Small Surface Combatant
Future Pay and Personnel Management Solution (FPPS)
Ground/Air Task Oriented Radar (G/ATOR)
Identification Friend or Foe Mark XIIA Mode 5 (all development and integration programs)
Infrared Search and Track System
Joint and Allied Threat Awareness System
Joint Precision Approach and Landing System
Joint Stand-Off Weapon C-1 variant (JSOW C-1)
KC-130J
LCS Surface Warfare Mission Package Surface to Surface Missile (Longbow Hellfire Missile) including its lethality
LHA 6 - AMERICA CLASS - Amphibious Assault Ship - includes all supporting PARMs
LHA 8 Amphibious Assault Ship (America Class with well deck)
Light Armored Vehicle
Light Weight Tow Torpedo Countermeasure (part of LCS ASW Mission Module)
Littoral Combat Ship (LCS) - includes all supporting PARMs, and 57mm ammunition lethality
Littoral Combat Ship Frigate modifications
Littoral Combat Ship Surface Warfare Mission Package including 30mm ammunition lethality
Littoral Combat Ship Variable Depth Sonar (part of LCS ASW Mission Package)
Logistics Vehicle System Replacement
LSD 41/49 Replacement
Mk 54 torpedo/MK - 54 VLA/MK 54 Upgrades Including High Altitude ASW Weapon Capability (HAAWC)
MK-48 CBASS Torpedo including all upgrades
Mobile User Objective System (MUOS)
MQ-4C Triton
MQ-8 Fire Scout Unmanned Aircraft System
Multi-static Active Coherent (MAC) System
MV-22 Joint Services Advanced Vertical Lift Aircraft - Osprey
Naval Integrated Fire Control - Counter Air (NIFC-CA) From the Air
Navy Enterprise Resource Planning (ERP)
Navy Multiband Terminal Program (NMT)
Next Generation Jammer - Increment ONE
Next Generation Land Attack Weapon
Offensive Anti-Surface Warfare Increment 1
Offensive Anti-Surface Warfare, Increment 2 (Air and Surface Launch)
Over The Horizon Weapon System
P-8A Poseidon Program
Rolling Airframe Missile Block 2 Program
RQ-21A Unmanned Aircraft System (UAS)
Ship Self Defense System (SSDS)
Ship to Shore Connector
Standard Missile 2 (SM-2) including all mods
Standard Missile-6 (SM-6)
Submarine Torpedo Defense System (Sub TDS) including Next Generation Countermeasure System (NGCM)
Surface Electronic Warfare Improvement Program (SEWIP) (All variants)
Surface Mine Countermeasures Unmanned Undersea Vehicle (also called Knifefish UUV) (SMCM UUV)
Tactical Tomahawk Modernization and Enhanced Tactical Tomahawk (Maritime Strike) (includes changes to planning and weapon control system)
T-AO 205 Oiler
Torpedo Warning System including all sensors and decision tools
TRIDENT II MISSILE - Sea Launched Ballistic Missile
UH-1Y
Unmanned Influence Sweep System (UISS) include Unmanned Surface Vessel (USV) and Unmanned Surface Sweep System (US3)
USMC MRAP-Cougar
USSOCOM JUONS- Navy and USAF Development/Integration of the Distributed Aperture Infrared Countermeasure System on the USAF HH-60G, Army A/MH-6, Navy MH-60S, AH-1Z, UH-1Y
VH-92A Presidential Helicopter
Virginia Class SSN (all variants)

AIR FORCE PROGRAMS

20mm PGU-28/B Replacement Combat Round
Advanced Pilot Trainer
AEHF - Advanced Extremely High Frequency (AEHF) Satellite Program
AIM-120 Advanced Medium-Range Air-to-Air Missile
Air Force Distributed Common Ground System (AF-DCGS)
Air Force Integrated Personnel and Pay System (AF-IPPS)
Air Force Mission Planning Systems Increment 5

FY17 DOT&E ACTIVITY AND OVERSIGHT

Air Force Organic Depot Maintenance, Repair, and Overhaul Initiative (MROI)

Air Operations Center - Weapon System (AOC-WS) 10.1

Air Operations Center - Weapon System (AOC-WS) 10.2

Airborne Signals Intelligence Payload (ASIP) Family of Sensors

Airborne Warning and Control System Block 40/45 Computer and Display Upgrade

B-2 Defensive Management System Modernization (DMS-M)

B-2 Extremely High Frequency (EHF) SATCOM

B-21 Long Range Strike Bomber

B-52 Radar Modernization Program (RMP)

B61 Mod 12 Life Extension Program

Battle Control System - Fixed (BCS-F) 3.2

C-130J - HERCULES Cargo Aircraft Program

Combat Rescue Helicopter (CRH)

Command and Control Air Operations Suite (C2AOS)/Command and Control Information Services (C2IS) (Follow-on to Theater Battle Management Core System, new capabilities for AOC and joint software suites)

CV-22 Joint Services Advanced Vertical Lift Aircraft - Osprey

Deliberate and Crisis Action Planning and Execution Segments (DCAPES) Inc. 2B

Enclave Control Node (ECN)

Enterprise Ground Services

EPS - Enhanced Polar System

Evolved Strategic Satellite Communications

F-15 Eagle Passive Active Warning Survivability System

F-15C Infrared Search and Track (IRST)

F-16 Radar Modernization Program

F-22 - RAPTOR Advanced Tactical Fighter

F-35 - Lightning II Joint Strike Fighter (JSF) Program

FAB-T - Family of beyond Line-of-Sight Terminals

Full Scale Aerial Target

GBS - Global Broadcast Service

Geosynchronous Space Situational Awareness Program

GPS OCX - Global Positioning Satellite Next Generation Control Segment

GPS-III A - Global Positioning Satellite III

Ground Based Strategic Deterrent

Identification Friend or Foe Mark XIIA Mode 5 (all development and integration programs)

Integrated Strategic Planning and Analysis Network (ISPAN) Increment 4

Joint Air-to-Surface Standoff Missile Extended Range

Joint Space Operations Center Mission System (JMS)

Joint Surveillance Target Attack Radar System (JSTARS) Recapitalization (Recap)

KC-46 - Tanker Replacement Program

Long Range Stand Off (LRSO) Weapon

Massive Ordnance Penetrator (MOP)

Military GPS User Equipment (GPS MGUE)

MQ-9 REAPER - Unmanned Aircraft System

NAVSTAR Global Positioning System (GPS) (Includes Satellites, Control and User Equipment)

Nuclear Planning and Execution System

Presidential Aircraft Recapitalization

Presidential National Voice Conferencing

Protected Tactical Enterprise Service

Protected Tactical Satellite Communications (SATCOM)

RQ-4A/B Global Hawk Unmanned Aircraft System

SBIRS HIGH - Space-Based Infrared System Program, High Component

SBSS B10 Follow-on - Space-Based Space Surveillance Block 10 Follow-on

SF - Space Fence

Small Diameter Bomb, Increment II

Three-Dimensional Expeditionary Long-Range Radar (3DELRR)

UH-1N Replacement

Weather Satellite Follow-on (WSF)

Wide Area Surveillance (WAS) Program

FY17 DOT&E ACTIVITY AND OVERSIGHT