

## 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, Under Secretary of Defense for Research and Engineering, and the Under Secretary of Defense for Acquisition and Sustainment. Any program that meets the criteria established in section 2430 of title 10, United States Code (10 USC 2430) is considered an MDAP. DOT&E may designate any other programs as MDAPs for the purpose of test and evaluation oversight, review, and reporting in accordance with 10 USC 139(a)(2)(B). DOT&E was responsible for overseeing the OT&E of 232 acquisition programs during FY18.

DOT&E simplified its criteria for testing oversight in FY18. DOT&E selects a program for OT&E oversight if it meets one or more of the following criteria:

- Program exceeds or has the potential to exceed the dollar value threshold for a major program, to include MDAPs, designated major subprograms, as well as highly classified programs and pre-MDAPs.
- Program has a high level of Congressional or DOD interest.
- Weapons, equipment, or munitions that provide or enable a critical mission warfighting capability or is a militarily significant change to a weapon system.

DOT&E is also responsible for the oversight of LFT&E of 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 84 acquisition programs during FY18.

DOT&E determined a covered system, for the purpose of LFT&E oversight, meets 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.

### DOD PROGRAMS

5th Generation Aerial Target  
 AC-130J High Energy Laser & Tactical Offboard Sensing  
 Ballistic Missile Defense System Program (BMDS)  
 Chemical Demilitarization Program - Assembled Chemical Weapons Alternatives (CHEM DEMIL-ACWA)  
 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)  
 Explosive Destruction System (EDS)  
 Global Command & Control System - Joint (GCCS-J)  
 Joint Aerial Layer Network  
 Joint Biological Tactical Detection System  
 Joint Information Environment

Joint Light Tactical Vehicle Family of Vehicles  
 Joint Operational Medicine Information Systems  
 Joint Regional Security Stack (JRSS)  
 Joint Warning and Reporting Network (JWARN)  
 Key Management Infrastructure (KMI)  
 Long-Range Discrimination Radar  
 milCloud  
 Mission Partner Environment - Information System  
 Multi-Functional Information Distribution System (includes integration into USAF & USN aircraft)  
 Public Key Infrastructure (PKI) Incr 2  
 SOCOM Dry Combat Submersible Medium (DCSM)  
 Teleport, Generation III  
 Theater Medical Information Program - Joint (TMIP-J) Block 2

# FY18 DOT&E ACTIVITY AND OVERSIGHT

## ARMY PROGRAMS

120MM Advanced Multi-Purpose (AMP), XM1147  
3rd Generation Improved Forward Looking Infrared (3rd Gen FLIR)  
Abrams M1A1 SA; M1A2 SEP; APS  
Advanced Field Artillery Tactical Data System (AFATDS) Version 7  
Advanced Threat Detection System  
Aerosol and Vapor Chemical Agent Detector  
AH-64E Apache Remanufacture/New Build  
AN/TPQ-53 Radar System (Q-53)  
Armored Multipurpose Vehicle (AMPV)  
Armored Truck - Heavy Equipment Transporter (HET)  
Army Contract Writing System  
Army Integrated Air & Missile Defense (AIAMD)  
Army Tactical Missile System-Modernization  
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 ECP; MOD; APS  
Cannon Delivered Area Effects Munitions (C-DAEM) Family of Munitions  
CH-47F Block II Chinook  
Command Post Computing Environment (CPCE)  
Common Infrared Countermeasures (CIRCM)  
Distributed Common Ground System - Army (DCGS-A)  
Electronic Warfare Program Management Tool (EWPMT)  
EXCALIBUR - Family of Precision, 155 mm Projectiles  
Extended Range Cannon Artillery (ERCA)  
Family of Medium Tactical Vehicles A2 (FMTV A2)  
Future Unmanned Aircraft System  
Future Vertical Lift Family of Systems (FVL FoS)  
Gator Landmine Replacement Program (GLRP)  
Global Combat Support System Army (GCSS-A)  
Ground Mobility Vehicle 1.1 (GMV 1.1)  
Guided Multiple Launch Rocket System Family of Munitions Including Alternative Warhead (AW); Unitary; Extended Range (ER)  
HELLFIRE  
High Mobility Artillery Rocket System (HIMARS)  
Identification Friend or Foe Mark XIIA Mode 5 (all development and integration programs)  
Improved High Explosive Dual Purpose 40 mm Cartridge  
Improved Turbine Engine Program (ITEP)  
Indirect Fire Protection Capability Increment 2 - Intercept (IFPC Inc 2-I)  
Integrated Personnel and Pay System - Army (IPPS-A) Increment 2  
Javelin Antitank Missile System - Medium  
Joint Air-to-Ground Missile (JAGM)  
Joint Assault Bridge (JAB)  
Joint Battle Command Platform (JBC-P)  
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]  
Limited Interim Missile Warning System  
Logistics Modernization Program (LMP)  
M270A1 Multiple Launch Rocket System (MLRS)  
M88A2 Heavy Equipment Recovery Combat Utility Lift Evacuation System (Hercules)  
Mobile / Handheld Computing Environment (M/HCE)  
Mobile Protected Firepower Increment 1 (MPF Inc 1)  
Modular Handgun System (XM17/XM18)  
Mounted Computing Environment (MCE)  
MQ-1C Unmanned Aircraft System Gray Eagle  
Multi-Function Electronic Warfare (MFEW) Air Large  
Near Real Time Identity Operations  
Nett Warrior  
Paladin/FASSV Integrated Management (PIM)  
PATRIOT PAC-3 - Patriot Advanced Capability 3  
Precision Guidance Kit Family of Fuzes  
Precision Strike Missile (PrSM)  
RQ-7B SHADOW - Tactical Unmanned Aircraft System  
Soldier Protection System  
Spider XM7 Network Command Munition  
Stryker Family of Vehicles to include all variants  
Stryker M1135 NBC Reconnaissance Vehicle (NBCRV) (to include Sensor Suite Upgrade and components)  
UH-60V BLACK HAWK  
WIN-T INCREMENT 2 - Warfighter Information Network - Tactical Increment 2  
XM1158 7.62 mm Cartridge

## NAVY PROGRAMS

Acoustic Rapid COTS Insertion for SONAR  
Advanced Airborne Sensor  
Advanced Arresting Gear  
AEGIS Modernization (Baseline Upgrades)  
AGM-88G Advanced Anti-Radiation Guided Missile Extended Range  
AIM-9X - Air-to-Air Missile Upgrade Block II  
Air and Missile Defense Radar (AMDR)  
Air Warfare Ship Self Defense Enterprise

# FY18 DOT&E ACTIVITY AND OVERSIGHT

Amphibious Combat Vehicle (ACV) Family of Vehicles (FoV)

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

CMV-22 Joint Services Advanced Vertical Lift Aircraft - Osprey -- Carrier Onboard Delivery (COD)

*Columbia*-Class SSBN - including all supporting PARMs

Cooperative Engagement Capability (CEC)

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 30 mm ammunition

DDG 51 Flight III and associated PARMs

Distributed Common Ground System - Navy (DCGS-N)

E-2D Advanced Hawkeye

Electro-Magnetic Aircraft Launching System

Enterprise Air Surveillance Radar

Evolved Sea Sparrow Missile Block 2

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 Precision Approach and Landing System

LHA 6 - *America Class* - Amphibious Assault Ship - includes all supporting PARMs

LHA 8 Amphibious Assault Ship (*America*-Class with well deck)

Light Armored Vehicle

Littoral Combat Ship (LCS) Seaframes both variants; *Freedom* and *Independence* and 57 mm and OTH ammunition lethality

Littoral Combat Ship (LCS) Anti-submarine Warfare (ASW) Mission Package to include all associated vehicles, communications, sensors, weapon systems, support equipment, software, & support aircraft that are in development

Littoral Combat Ship (LCS) Mine-countermeasures (MCM) Mission Package to include all associated vehicles, communications, sensors, weapon systems, support equipment, software, and support aircraft that are in development

Littoral Combat Ship Surface Warfare (SUW) Mission Package to include all associated vehicles, communications, sensors, weapon systems, support equipment, software, & support aircraft in development, 30 mm, SSMM Longbow HELLFIRE/ammunition lethality

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 Expendable Airborne Electronic Attack (EA2)

Navy Multiband Terminal Program (NMT)

Next Generation Jammer - Increment 1 (Mid-Band)

Next Generation Jammer - Increment 2 (Low Band)

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

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 Block 2

Surface Electronic Warfare Improvement Program Block 3

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

TRIDENT II MISSILE - Sea Launched Ballistic Missile

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)

# FY18 DOT&E ACTIVITY AND OVERSIGHT

## AIR FORCE PROGRAMS

Advanced Pilot Trainer

AEHF - Advanced Extremely High Frequency (AEHF) Satellite Program

AIM-120 Advanced Medium-Range Air-to-Air Missile

Air Force Integrated Personnel and Pay System (AF-IPPS)

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

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

Air-Launched Rapid Response Weapon

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

B-21 Long Range Strike Bomber

B-52 Commercial Engine Replacement Program (CERP)

B-52 Radar Modernization Program (RMP)

B61 Mod 12 Life Extension Program

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)

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

Enhanced Polar System (EPS)

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

GBS - Global Broadcast Service

Geosynchronous Space Situational Awareness Program

Global Positioning System (GPS) Enterprise Oversight

Global Positioning System (GPS) III Space Vehicle

Global Positioning System (GPS) Next Generation Operational Control System

Ground Based Strategic Deterrent

Hypersonic Conventional Strike Weapon

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

Integrated Strategic Planning and Analysis Network (ISPAN) Increment 4

Integrated Strategic Planning and Analysis Network Increment 5

Joint Air-to-Surface Standoff Missile Electronic Safe Arm and Fuze

Joint Space Operations Center Mission System (JMS)

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

KC-46 - Tanker Replacement Program

Light Attack Aircraft

Long Range Stand Off (LRSO) Cruise Missile

Massive Ordnance Penetrator (MOP)

Military Global Positioning System (GPS) User Equipment

Military Personnel Data System

Next Generation Overhead Persistent Infrared

Nuclear Planning and Execution System

Presidential National Voice Conferencing

Protected Tactical Enterprise Service

Protected Tactical Satellite Communications (SATCOM)

RQ-4 Global Hawk Unmanned Aircraft System Multi-Spectrum-177 Sensor

Small Diameter Bomb, Increment II

Space Based Infrared System Program (SBIRS)

Space Based Infrared System Mobile Ground Terminal

Space Fence (SF)

Stand In Attack Weapon (SiAW)

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

UH-1N Replacement

VC-25B Presidential Aircraft

Weather Satellite Follow-on (WSF)

Wide Area Surveillance (WAS) Program