

Program Oversight

Per section 139, title 10, United States Code, DOT&E is the principal adviser to the Secretary of Defense and the Under Secretaries of Defense for Acquisition and Sustainment, and Research and Engineering. The Director is responsible for monitoring and reviewing all operational and live fire test and evaluation activities of the DOD. DOT&E selects a program for operational and/or live fire test and evaluation 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 Major Defense Acquisition Programs (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.

In FY19, using these criteria, DOT&E monitored 235 acquisition programs for operational test and evaluation and 86 acquisition programs for live fire test and evaluation.

DOD PROGRAMS

5th Generation Aerial Target
 AC-130J High Energy Laser & Tactical Off-board Sensing
 Air Transponders (Including the Automated Dependent Surveillance - Broadcast System)
 BMDS - Ballistic Missile Defense System Program
 CHEM DEMIL-ACWA - Chemical Demilitarization Program - Assembled Chemical Weapons Alternatives
 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 Family of Vehicles
 Joint Operational Medicine Information Systems
 Joint Regional Security Stack (JRSS)
 Key Management Infrastructure (KMI)
 Long-Range Discrimination Radar
 milCloud
 Mission Partner Environment - Information System
 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

120-mm 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 Multi-Purpose 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 Planning and Management Tool (EWPMT)
 EXCALIBUR - Family of Precision, 155mm Projectiles
 Extended Range Cannon Artillery (ERCA)

FY19 DOT&E ACTIVITY AND OVERSIGHT

Family of Medium Tactical Vehicles A2 (FMTV A2)
Future Unmanned Aircraft System
Future Vertical Lift Family of Systems (FVL FoS)
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)
Handheld, Man pack, and Small Form Fit (including Handheld and Manpack components)
Heavy Dump Truck
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 40mm 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
Integrated Visual Augmentation System (IVAS)
Javelin Antitank Missile System - Medium
Joint Air-to-Ground Missile (JAGM)
Joint Assault Bridge (JAB)
Joint Battle Command Platform (JBC-P)
Limited Interim Missile Warning System
Logistics Modernization Program (LMP)
Lower Tier Air and Missile Defense Sensor
M270A1 Multiple Launch Rocket System (MLRS)
M88A2 Heavy Equipment Recovery Combat Utility Lift Evacuation System (Hercules)
Maneuver-Short Range Air Defense
Mobile / Handheld Computing Environment (M/HCE)
Mobile Protected Firepower Increment 1 (MPF Inc 1)
Modular Handgun System (XM17/XM18)
Mounted Computing Environment (MCE)
Multi-Function Electronic Warfare (MFEW) Air Large
Near Real Time Identity Operations
Nett Warrior
Next Generation Combat Vehicle (NGCV) Optionally Manned Fighting Vehicle (OMFV)
Next Generation Squad Weapons (NGSW)
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 (including NBCRV)
Terrain Shaping Obstacles (TSO)
UH-60V Blackhawk
WIN-T INCREMENT 2 - Warfighter Information Network - Tactical Increment 2
XM1158 7.62mm 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) / AN/SPY-6
Air Warfare Ship Self Defense Enterprise
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 and associated PARMs
DDG 51 Flight III and associated PARMs
Distributed Aperture Infrared Countermeasure (DAIRCM) System
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
FFG(X) - Guided Missile Frigate
Future Pay and Personnel Management Solution (FPPS)
Ground/Air Task Oriented Radar (G/ATOR)

FY19 DOT&E ACTIVITY AND OVERSIGHT

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 Flt 0 and associated PARMs

LHA 6 Flt I and associated PARMs

Light Armored Vehicle

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 (LCS), FREEDOM and INDEPENDENCE Variant Seaframes

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

LPD 17 Flt II

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-Functional Information Distribution System (includes integration into USAF & USN aircraft)

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 Long Range Anti-Ship Missile

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

VH-92A Presidential Helicopter

Virginia-Class SSN (all variants)

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 Maintenance, Repair and Overhaul Initiative (MROi)

Air Operations Center - Weapon System (AOC-WS)

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 Tail Kit Assembly

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

Enterprise Space Battle Management Command & Control / Command and Control for Space System

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

FY19 DOT&E ACTIVITY AND OVERSIGHT

FAB-T - Family of beyond Line-of-Sight Terminals
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 XIIA 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 Cyber Warfighting Architecture - Joint Cyber Command and Control
Joint Cyber Warfighting Architecture - Unified Platform
Joint Space Operations Center Mission System (JMS)
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
SBIRS - Space-Based Infrared System Program
SF - Space Fence
Small Diameter Bomb, Increment II
Space Based Infrared System (SBIRS) Survivable and Endurable
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