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 LFT&E of 84 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.

DOT&E determined the program oversight criteria for FY18. DOT&Eselects 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.

### 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

Oversight
## ARMY PROGRAMS

<table>
<thead>
<tr>
<th>Program</th>
<th>Army Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>120MM Advanced Multi-Purpose (AMP), XM1147</td>
<td>Improved Turbine Engine Program (ITEP)</td>
</tr>
<tr>
<td>3rd Generation Improved Forward Looking Infrared (3rd Gen FLIR)</td>
<td>Indirect Fire Protection Capability Increment 2 - Intercept (IFPC Inc 2-I)</td>
</tr>
<tr>
<td>Abrams M1A1 SA; M1A2 SEP; APS</td>
<td>Integrated Personnel and Pay System - Army (IPPS-A) Increment 2</td>
</tr>
<tr>
<td>Advanced Field Artillery Tactical Data System (AFATDS) Version 7</td>
<td>Javelin Antitank Missile System - Medium</td>
</tr>
<tr>
<td>Advanced Threat Detection System</td>
<td>Joint Air-to-Ground Missile (JAGM)</td>
</tr>
<tr>
<td>Aerosol and Vapor Chemical Agent Detector</td>
<td>Joint Assault Bridge (JAB)</td>
</tr>
<tr>
<td>AH-64E Apache Remanufacture/New Build</td>
<td>Joint Battle Command Platform (JBC-P)</td>
</tr>
<tr>
<td>Armored Multipurpose Vehicle (AMPV)</td>
<td>Joint Tactical Radio System, Handheld, Man pack, and Small Form Fit [Manpack]</td>
</tr>
<tr>
<td>Armored Truck - Heavy Equipment Transporter (HET)</td>
<td>Limited Interim Missile Warning System</td>
</tr>
<tr>
<td>Army Contract Writing System</td>
<td>Logistics Modernization Program (LMP)</td>
</tr>
<tr>
<td>Army Integrated Air &amp; Missile Defense (AIAMD)</td>
<td>M270A1 Multiple Launch Rocket System (MLRS)</td>
</tr>
<tr>
<td>Army Tactical Missile System-Modernization</td>
<td>M88A2 Heavy Equipment Recovery Combat Utility Lift Evacuation System (Hercules)</td>
</tr>
<tr>
<td>Assured - Positioning, Navigation, &amp; Timing (Assured - PNT)</td>
<td>Mobile / Handheld Computing Environment (M/HCE)</td>
</tr>
<tr>
<td>Biometrics Enabling Capability (BEC) Increment 1</td>
<td>Mobile Protected Firepower Increment 1 (MPF Inc 1)</td>
</tr>
<tr>
<td>Biometrics Enabling Capability Increment 0</td>
<td>Modular Handgun System (XM17/XM18)</td>
</tr>
<tr>
<td>Black HAWK (UH-60M) - Utility Helicopter Program</td>
<td>Mounted Computing Environment (MCE)</td>
</tr>
<tr>
<td>Bradley ECP; MOD; APS</td>
<td>MQ-1C Unmanned Aircraft System Gray Eagle</td>
</tr>
<tr>
<td>Cannon Delivered Area Effects Munitions (C-DAEM) Family of Munitions</td>
<td>Multi-Function Electronic Warfare (MF EW) Air Large</td>
</tr>
<tr>
<td>CH-47F Block II Chinook</td>
<td>Near Real Time Identity Operations</td>
</tr>
<tr>
<td>Command Post Computing Environment (CPCE)</td>
<td>Nett Warrior</td>
</tr>
<tr>
<td>Common Infrared Countermeasures (CIRCM)</td>
<td>Paladin/FASSV Integrated Management (PIM)</td>
</tr>
<tr>
<td>Distributed Common Ground System - Army (DCGS-A)</td>
<td>PATRIOT PAC-3 - Patriot Advanced Capability 3</td>
</tr>
<tr>
<td>Electronic Warfare Program Management Tool (EWPMT)</td>
<td>Precision Guidance Kit Family of Fuzes</td>
</tr>
<tr>
<td>EXCALIBUR - Family of Precision, 155 mm Projectiles</td>
<td>Precision Strike Missile (PrSM)</td>
</tr>
<tr>
<td>Extended Range Cannon Artillery (ERCA)</td>
<td>RQ-7B SHADOW - Tactical Unmanned Aircraft System</td>
</tr>
<tr>
<td>Family of Medium Tactical Vehicles A2 (FMTV A2)</td>
<td>Soldier Protection System</td>
</tr>
<tr>
<td>Future Unmanned Aircraft System</td>
<td>Spider XM7 Network Command Munition</td>
</tr>
<tr>
<td>Future Vertical Lift Family of Systems (FVL FoS)</td>
<td>Stryker Family of Vehicles to include all variants</td>
</tr>
<tr>
<td>Gator Landmine Replacement Program (GLRP)</td>
<td>Stryker M113S NBC Reconnaissance Vehicle (NBCRV) (to include Sensor Suite Upgrade and components)</td>
</tr>
<tr>
<td>Global Combat Support System Army (GCSS-A)</td>
<td>UH-60V BLACK HAWK</td>
</tr>
<tr>
<td>Ground Mobility Vehicle 1.1 (GMV 1.1)</td>
<td>WIN-T INCREMENT 2 - Warfighter Information Network - Tactical Increment 2</td>
</tr>
<tr>
<td>Guided Multiple Launch Rocket System Family of Munitions Including</td>
<td>XM1158 7.62 mm Cartridge</td>
</tr>
<tr>
<td>Alternative Warhead (AW); Unitary; Extended Range (ER)</td>
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<tr>
<td>HELLFIRE</td>
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<tr>
<td>High Mobility Artillery Rocket System (HIMARS)</td>
<td></td>
</tr>
<tr>
<td>Identification Friend or Foe Mark XIIA Mode 5 (all development and</td>
<td></td>
</tr>
<tr>
<td>integration programs)</td>
<td></td>
</tr>
<tr>
<td>Improved High Explosive Dual Purpose 40 mm Cartridge</td>
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</tbody>
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## NAVY PROGRAMS

<table>
<thead>
<tr>
<th>Program</th>
<th>Navy Program</th>
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</thead>
<tbody>
<tr>
<td>Acoustic Rapid COTS Insertion for SONAR</td>
<td>AGM-88G Advanced Anti-Radiation Guided Missile Extended Range</td>
</tr>
<tr>
<td>Advanced Airborne Sensor</td>
<td>AIM-9X - Air-to-Air Missile Upgrade Block II</td>
</tr>
<tr>
<td>Advanced Arresting Gear</td>
<td>Air and Missile Defense Radar (AMDR)</td>
</tr>
<tr>
<td>AEGIS Modernization (Baseline Upgrades)</td>
<td>Air Warfare Ship Self Defense Enterprise</td>
</tr>
</tbody>
</table>
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) Seafrares both variants; Freedom and Independence and 57 mm and 30 mm gun 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, & 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, SSMLongbow 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  
Navy 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) (including 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)
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 XIIIA 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