

|| DOT&E Activities

Table 1. FY21 DOT&E Reports to Congress

Program	Date
Early Fielding Report	
Family of Beyond Line of Sight Terminals (FAB-T) Early Fielding Report	December 2020
Follow-on Operational Test and Evaluation Reports	
Acoustic Rapid COTS Insertion for SONAR (ARC-I) APB-15 FOT&E Interim Report	May 2021
AIM-9X Block II OFS 9.410 FOT&E Report	September 2021
Bradley M2A4/M7A4 Follow-on Operational Test and Evaluation (FOT&E) Report	June 2021
Military Health System (MHS) GENESIS Follow-On Test and Evaluation Cybersecurity Assessment Report	August 2021
RQ-7Bv2 Shadow Block III FOT&E II Report	May 2021
Stryker ATGM Follow on Test and Evaluation (FOT&E) Report	May 2021
USG - 3B Cooperative Engagement Capability Follow-on Operational Test and Evaluation Report	November 2020
Initial Operational Test and Evaluation Reports	
Amphibious Combat Vehicle (ACV) Combined Initial Operational Test and Evaluation (IOT&E) and Live Fire Test and Evaluation (LFT&E) Report	November 2020
Handheld, Manpack, and Small-Form Fit Leader Radio and Manpack (HMS) Initial Operational Test and Evaluation (IOT&E) Report	July 2021
High Altitude Anti-Submarine (ASW) Weapon Capability (HAAWC) IOT&E Report	June 2021
Initial Operational Test and Evaluation (IOT&E) Report with classified annex for the VH-92A Presidential Helicopter Replacement Program	September 2021
Joint Assault Bridge (JAB) Initial Operational Test and Evaluation (IOT&E) 2 Report and Classified Survivability Annex	March 2021
Operational Assessment Reports	
Initial Maneuver, Short-Range Air Defense (IM-SHORAD) Operational Assessment	August 2021
Integrated Visual Augmentation System (IVAS) Capability Set 3 Soldier Touchpoint 3 Report (OA Report)	March 2021
Integrated Visual Augmentation System (IVAS) Capability Set 4 Operational Assessment	September 2021
LHA 8 Operational Assessment (OA) Report	September 2021
Operational Test and Evaluation Report	
Flight Test Aegis Weapon System (FTM-44) Test Report	June 2021
Live Fire Test and Evaluation Reports	
Abrams M1A2 System Enhancement Package Version 3	December 2020
M917A3 Heavy Dump Truck (HDT) Live Fire Test and Evaluation Report	September 2021
Special Reports	
MHS GENESIS Change Management Strategies and Training Programs Evaluation Results Brief	March 2021
DOT&E Certification and Risk Assessment of Test Strategies for Air Force, Army, Navy and United States Special Operations Command Middle Tier Acquisition (MTA) (804) and Accelerated Acquisition Programs	May 2021
Ballistic Missile Defense System Report	
2020 DOT&E Assessment of the Ballistic Missile Defense System	February 2021

Table 2. FY21 DOT&E Reports not sent to Congress

Program	Date
Follow-on Operational Test and Evaluation Report	
Public Key Infrastructure (PKI) Inc. 2 FOT&E Report and Test Interference Memo	September 2021
Operational Assessment Reports	
F-15 Eagle Passive Active Warning System (EPAWSS) Milestone C Decision Point 1 Report	October 2020
Army's Integrated Air and Missile Defense (AIAMD) System Increment II Operational Assessment Report	November 2020

Table 3. FY21 DOT&E TEMPs and Test Strategy Documents Approved¹

Program	LF
Advanced Anti-Radiation Guided Missile (AARGM) Extended Range Test and Evaluation Master Plan for Milestone C - Approval	*
Advanced Multi-Purpose (AMP) Cartridge XM1147 Test and Evaluation Master Plan (TEMP)	*
Amphibious Combat Vehicle (ACV) Test and Evaluation Master Plan (TEMP) Full-Rate Production (FRP) Update	*
Approval of Test and Evaluation Master Plan Number 1736, Revision B for the Infrared Search and Track System (IRST)	
Approval of the Air Force Depot Maintenance, Repair and Overhaul Initiative Test and Evaluation Master Plan	
Armored Multi-Purpose Vehicle (AMPV) Test and Evaluation Master Plan (TEMP)	*
B-52 Radar Modernization Program (RMP) MS B TEMP Approval	
Ballistic Missile Defense Systems (BMDS) Integrated Master Test Plan (IMTP), v22.1	*
Electronic Warfare Planning and Management Tool (EWPMT) Increment I Simplified Acquisition Master Plan (SAMP)	
F/A-18E/F SCS H16 TEMP	
GPS Enterprise Test & Evaluation Master Plan (E-TEMP) Revision C	
Infantry Squad Vehicle (ISV) Test and Evaluation Master Plan (TEMP)	
Integrated Personnel and Pay System – Army (IPPS-A), PART VI: UPDATED Annex 2 of the IPPS-A Increment II Post-Milestone B Test and Evaluation Master Plan (TEMP) for Release 3 Version 2.0, 15 March 2020 (Contract Option Decision)	
Integrated Strategic Planning and Analysis Network (ISPAN) Increment 5 (Inc 5) Mission Planning and Analysis System (MPAS) Test and Evaluation Master Plan (TEMP)	
Next Generation Jammer - Low Band test and Evaluation Master Plan TEIN 1829	
Next Generation Jammer- Mid Band Test and Evaluation Master Plan (TEMP) TEIN 1824	
Nuclear Planning and Execution System (NPES) Recapitalization Test and Evaluation Master Plan (TEMP) and Agile Operational Test Master Test Plan (Decision Point TBD)	
Official Submission: IM-SHORAD Master Test Document	*
Official Submission: Precision Strike Missile (PrSM) Increment 1 Test and Evaluation Master Plan (TEMP) supporting Milestone (MS) B	*
Presidential Network Voice Conferencing (PNVC) Test and Evaluation Master Plan (TEMP) Approval	
Stryker 30mm Lethality Engineering Change Proposal (ECP) Test and Evaluation Master Plan (TEMP) Annex: Testing Strategy for the Stryker 30mm Lethality ECP in Support of Conditional/Full Material Release (CMR/FMR)	*

Table 3. FY21 DOT&E TEMPs and Test Strategy Documents Approved¹

Program	LF
Surface Ship Undersea Warfare (USW) Combat System (AN/SQQ-89(V)15) Test and Evaluation Master Plan (TEMP) Update Approval	
T-AO 205 Test and Evaluation Master Plan (TEMP) Rev 1	*
Test and Evaluation Master Plan Supporting Milestone C Decision for the Joint Biological Tactical Detection System (JBTDs), ACAT II, 4 June 2020	
Update to 3rd Generation Forward Looking Infrared (3GEN FLIR) Milestone B (MS B) Test and Evaluation Master Plan (TEMP)	
Weather Satellite Follow-on Microwave (WSF-M) Milestone B (MS B) Test and Evaluation Master Plan (TEMP)	
1. Live Fire test strategies marked with *	

Table 4. DOT&E Live Fire Test and Evaluation Strategies/ Management Plans Approved

Live Fire Test and Evaluation Strategy for the Joint Multiple Effects Weapon System (JMEWS)
Penetrating Counter Air Alternate Live-Fire Test Plan Approval

Table 5. DOT&E Test Plans Approved

AAS FOT&E Test Plan & Decision Brief
Advanced Tracking and Launch Analysis System (ATLAS) Operational Utility Evaluation (OUE) Plan Approval (Test starts in Dec 2020)
Adversarial Assessment (AA) Test Plan (TP) for the AN/TPQ-53 Counter Fire Target Acquisition Radar
Adversarial Assessment (AA) Test Plan (TP) for the Stryker Common Remotely Operated Weapon Station - Javelin (CROWS-J) Engineering Change Proposal (ECP)
Aegis Advanced Capability Build 16 (ACB 16) Baseline 9.2.2 Integrated Test C3B3 Data Collection Plan (DCP)
Aerosol Vapor Chemical Agent Detector (AVCAD) Chemical Biological Radiological Contamination Survivability Detailed Test Plan
Approval of the MQ-8C Surface Warfare Increment/Radar Follow-on Operational Test and Evaluation Test Plan COMOPTEVFOR 3980 (1593-OT-D1) Ser 00/022, dated 1 April 2021
Armored Multipurpose Vehicle (AMPV) Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan
Army Contract Writing System (ACWS) Cooperative Vulnerability and Penetration Assessment (CVPA) Plan Approval
Ballistic Missile Defense Systems (BMDS) Integrated Master Test Plan (IMTP), v22.1
CH-53K Initial Operational Test and Evaluation (IOT&E) test plan for approval
CMV-22B Adversarial Assessment (AA) and Cooperative Vulnerability and Penetration Assessment (CVPA) test plan
Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan (TP) for the AN/TPQ-53 Counter Fire Target Acquisition Radar System
Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan (TP) for Joint Biological Tactical Detection System (JBTDs)
Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan (TP) for the Command Post Computing Environment Increment 1
Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan (TP) for the Electronic Warfare Planning and Management Tool (EWPMT)
Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan (TP) for the CH-47F Cargo Helicopter (Block II)
Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan (TP) for the Stryker Common Remotely Operated Weapon Station - Javelin (CROWS-J) Engineering Change Proposal (ECP)

Table 5. DOT&E Test Plans Approved

Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan (TP) for the Javelin G-Model (Spiral 3) Missile and Lightweight Command Launch Unit
Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan (TP) for the Integrated Visual Augmentation System (IVAS)
Cooperative Vulnerability and Penetration Assessment (CVPS) Test Plan (TP) for the Integrated Personnel and Pay System - Army (IPPS-A) Release 3
Cooperative Vulnerability Penetration Assessment (CVPA) Test Plan (TP) for the Close Terrain Shaping Obstacle (CTSO), XM204 Top Attack (TA) System
Cooperative Vulnerability Penetration Assessment (CVPA) Test Plan for the Army Integrated Air and Missile Defense (IAMD) System
Detailed Test Plan for the Live Agent Aerosol Test Developmental Test/Operational Test (DT/OT) of the Joint Biological Tactical Detection System (JBTDs) U.S. Army Test and Evaluation Command Project Number 2021-DT-DPG-JBTDs-H8471
Detailed Test Plan for the Operational Assessment of the Stryker Common Remotely Operated Weapon Station - Javelin (CROWS-J) Engineering Change Proposal (ECP), U.S. Army Test and Evaluation Command Project No. 2019-DT-ATC-CRWSJ-H0708
Distributed Common Ground System - Navy (DCGS-N) Cybersecurity Test Plan
Dry Combat Submersible (DCS) Cyber Survivability Test Plan
Dry Combat Submersible (DCS) Initial Operational Test and Evaluation (IOT&E) Test Plan
Evolved Sea Sparrow Missile (ESSM) Block 2 Initial Operational Test and Evaluation Phase 1 Test Plan
F/A-18E/F Software Configuration Set (SCS) H16 Test Plan Approval
F-22 Integrated Maintenance Information System Test Cooperative Vulnerability and Penetration Assessment Test Plan
KC-46A: Cybersecurity Test Plan AA-1
LHA (R) Verification of Correction of Deficiency (VCD) Test Plan Approval
Operational Test Plan (OTP) for the 120-mm XM1147 Advanced Multipurpose Advanced Multipurpose (AMP IOT) 2021-OT-MTD-AMPOO-H7534
Operational Test Plan (OTP) for the Dismounted Assured Positioning, Navigation, and Timing System Operational Assessment (DAPS OA) 2021-CF-IEW-CDAPS-H3500
Operational Test Plan (OTP) for the Electronic Warfare Planning and Management Tool Initial Operational Test Operational Test (EWPMT IOT) 2021-OT-IEW-EWPMT-H2421
Operational Test Plan (OTP) for the Infantry Squad Vehicle Initial Operational Test (ISV IOT) 2021-OT-MTD-ISV01-H4559
Operational Test Plan (OTP) for the Infantry Squad Vehicle Limited User (ISV LUT) U.S. Army Test and Evaluation Command (ATEC)
Operational Test Plan (OTP) for the Initial Maneuver Short Range Air Defense System Operational Assessment (IM-SHORAD OA) 2020-DO-AMD-SHORAH2152 and Adversarial Assessment (AA) Test Plan (TP)
Operational Test Plan (OTP) for the Integrated Personnel and Pay System-Army (IPPS-A) Increment II Release 3.0 Limited User Test 3
Operational Test Plan (OTP) for the Joint Biological Tactical Detection System Operational Assessment (JBTDs OA) 2021-OE-MSS-JBTDs-H4054
Operational Test Plan (OTP) for the Joint Light Tactical Vehicle Fires Developmental Test/Operational Test (JLTV DT/OT) 2021-DO-MSS-JLTVX-H4218
Operational Test Plan (OTP) for the Mounted Assured Positioning, Navigation, and Timing (PNT) System Limited User Test
Operational Test Plan (OTP) Official Submission for Mobile Protected Firepower (MPF) Limited User Test (LUT)
Operational Test Plan for THAAD Software Version 4.0 Cybersecurity Assessment
Operational Test Plan for the Command Post Computing Environment Increment 1
Operational Test Plan Lead Radio/Manpack Radio Initial Operational Test
Public Key Infrastructure (PKI) Increment 2 FOT&E Plan Approval
Surface Electronic Warfare Improvement Program (SEWIP) Block 2 FOT&E test plan
Test Plan for the Developmental Test/Operational Test (DT/OT) of the Joint Biological Tactical Detection System (JBTDs)

Table 5. DOT&E Test Plans Approved

Tomahawk OT-D-12 Cybersecurity Test Plan

Unmanned Influence Sweep System (UISS) Cyber Survivability Test Plan

Unmanned Influence Sweep System (UISS) Test Plan (Test begins 30 November)

US Operational Test Team F-35 Modernization Block 4 Suitability Test Plan and Data Management and Analysis Plan Approval

USS *Gerald R. Ford* Shock Trial Plan Approval

Warp Core Cooperative Vulnerability and Penetration Assessment (CVPA) Test Plan