Activity Summary

DOT&E activity for FY10 involved oversight of 348 programs, including 46 major automated information systems. Oversight activity begins with the early acquisition milestones, continues through approval for full-rate production and, in some instances, during full production until deleted from the DOT&E oversight list.

Our review of test planning activities for FY10 included approval of 52 Test and Evaluation Master Plans (TEMPs)/Test and Evaluation Strategies, as well as 70 Operational Test Plans, and eight Live Fire Test and Evaluation (LFT&E) Strategies/ Management Plans for inclusion in the TEMP. In FY10, DOT&E prepared seven Beyond Low-Rate Initial Production Reports, one Early Fielding Report, and four special reports for the Secretary of Defense and Congress, as well as the Ballistic Missile Defense Programs Annual Report and a report on the Airborne Laser.

DOT&E also prepared and submitted numerous reports to the Defense Acquisition Board (DAB) principals for consideration in DAB deliberations.

TEST AND EVALUATION MASTER PLANS / STRATEGIES APPROVED

Air and Space Operations Center Weapon System (AOC WS) ANIUSQ-163 (FALCONER) Increment 10.2

Air Force Distributed Common Ground System (AF DCGS) Block 10.2

Air Intercept Missile-9X Revision E

Airborne Signals Intelligence Payload (ASIP)

Apache Block III

B-2 Advanced Technology Bomber Radar Modernization Program Full-Rate Production Annex

C-130 Avionics Modernization Program (AMP) Change 1

Combat Control System, AN/BYG-I(V), 234-11 Revision 5

Combat Information Transport System (CITS) ACAT IAC Portfolio Capstone with Air Force Intra-Net (AFNET) Increment 1 Appendix

Common Submarine Radio Room (CSRR) Revision 4

E-2D Advanced Hawkeye (E-2D AHE) Change One, Number 1654, Revision B

EA-6B ICAP III Prowler Aircraft Upgrade Number 1549, Revision E

Early Infantry Brigade Combat Team (E-IBCT)

Early Infantry Brigade Combat Team (Increment 1 E-IBCT)

Excalibur Increment Ia-2

Expeditionary Combat Support System (ECSS)

Extended Range Multi-Purpose Unmanned Aircraft System (ER/MP UAS)

F/A-18+/CIDIEIF Software Qualification Number S1699, Revision B

F/A-18EIF APG-79 Active Electronically Scanned Array (AESA) Radar Upgrade (RUG) Phase III, Revision E, Revision G

F/A-18E/F Software Qualification, Revision G

F-35 Joint Strike Fighter Lightening II, Revision 3

General Fund Enterprise Business System (GFEBS)

Global Command and Control System-Maritime (GCCS-M) Increment 2 (4.1)

Global Positioning System (GPS) Enterprise

HC/MC-130 Recapitalization

Improved (Chemical Agent) Point Detection System-Lifecycle Replacement (IPDS-LR) Test and Evaluation Master Plan

Integrated Strategic Planning and Analysis Network (ISPAN) Increment 2

Joint Air-to-Surface Standoff Missile - Extended Range (JASSM-ER) (AGM-158B)

Joint Biological Point Detection System (JBPDS) Revision 16

Joint Cargo Aircraft

Joint Chemical Agent Detector (JCAD), Increment I, Version 3.1

Joint Counter Radio Controlled Improvised Explosive Device Electronic Warfare (JCREW) Systems Increment 1

Joint Mission Planning System-Expeditionary (JMPS-E) Mission Planning Environment (MPE) Increment I

Joint Mission Planning System-Maritime (JMPS-M) Number 1588 Revision C, Annex 'V' for the VH-3/VH-60 Mission Planning Environment (MPE) version 1.0

Joint Torpedo MK 48 Advanced Capability (ADCAP) Mod 7 Common Broadband Advanced Sonar System (CBASS) 0371-03, Revision 1

Marine Corps/Global Combat Support System Logistics Chain Management (GCSS-MC/LCM) Block 1

Mine Resistant Ambush Protected (MRAP) Low-Rate Initial Production (LRIP)

Miniature Air Launched Decoy-Jammer (MALD-J) ADM-160C Milestone B

Navy Enterprise Resource Planning (Navy ERP) Version 4

Navy Multi-band Terminal (NMT)

Non-Line-Of-Sight Launch Systems (NLOS-LS), Annex J

P-8A Poseidon

Palletized Load System (PLS) Al Tactical Truck

Small Diameter Bomb II (SDB-II) Milestone B (MS-B)

Small Tactical Unmanned Aircraft System/Tier II Unmanned Aircraft System (STUAS/Tier II)

Spider XM7 Command Network Munition Update for Low-Rate Initial Production (LRIP) Phase and Stand-off Capability Enhancement (SCE) Program

Stryker Nuclear, Biological, and Chemical Reconnaissance Vehicle (NBCRV), Revision 6

Surface Electronic Warfare Improvement Program (SEWIP) Block 2

Tactical Unmanned Aircraft System

Teleport, Generation 3, Phase 1

USMC H-I Upgrades Program (H-I) No. 1435 Revision D

Virginia (SSN 774) Class Submarine Test and Evaluation Master Plan 1425, Revision F

OPERATIONAL TEST PLANS APPROVED

Advanced Extremely High Frequency (AEHF) Operational Utility Evaluation (OUE) Revision I

Aegis Enterprise Program (DT/OT-CI)

Aegis Enterprise Program (OT-CI)

AGM-88E Advanced Anti-radiation Guided Missile (AARGM) Initial Operational Test and Evaluation (OT-C)

Air Force B-2 Radar Modernization Program Mode Set 2 FOT&E Plan

Air Force Distributed Common Ground System (AF DCGS) Block 10.2 Force Development Evaluation (FDE) Plan

Air Intercept Missile-9X Block II Sidewinder Operational Test Plan (OTP) Number 1412-QT-I1IC

Air Warfare/Ship Self-Defense (AW/SSD) Enterprise, CNO Project 1400, Follow-On Operational Test and Evaluation (OT-IIIE) of the Ship Self Defense System (SSDS) Mark 2 Mod IA and CNO Project 1471, Follow-On Operational Test and Evaluation (OT-D2) of the Evolved SeaSparrow Missile (ESSM) Program

AN/AAQ-24(V)25 Large Aircraft Infrared Countermeasures (DoN LAIRCM) OT-D2 Installed on United States Marine Corps (USMC) CH-53D Assault Support Helicopter

ANIBYG-I APB-07 Combat Control system, the ANIBQQ-I0 APB-07 A-RCI Sonar system and the TB-34 Towed Array Combined Test Plan

Apache Block III (AB3) Limited User Test (LUT)

B-1 Fighter Integrated Data Link (FIDL) Operational Assessment (OA) Plan

Combat Information Transport System (CITS) Air Force Intra-Net (AFNET) Increment 1 Operational Utility Evaluation (OUE) Plan

Common Aviation Command and Control System (CAC2S) OA Plan

Common Submarine Radio Room FOT&E (OT-DI)

Defense Enterprise Accounting and Management System (DEAMS) Early Operational Assessment (EOA) Plan

Department of Defense Public Key Infrastructure (PKI) Increment 2, Spiral 1 Secret Internet Protocol Router Network (SIPRNet) Token OA Plan

DoD Teleport System Generation Two, Phase Two (G2P2), MultiService OT&E Plan

E-2D Advanced Hawkeye (E-2D AHE) (OT-CI)

Expeditionary Combat Support System Release 1 EOA Plan

Expeditionary Fighting Vehicle (EFV) Hot Weather Developmental Test/Operational Test Plan

Expeditionary Fighting Vehicle Waterborne Directional Stability II Operational Test Plan

Extended Range MultiPurpose Unmanned Aircraft System LUT for the Quick Reaction Capability 2 Unit Capability

F/A-18 System Configuration Set (SCS) 23X OTP S1699-0T-D3, SCS H6E Software Qualification Testing (SQT) and Active Electronically Scanned Array Radar (AESA) FOT&E 2 OTP 1589-0T-IIIH

F-35 Joint Strike Fighter OA (OT-IIE)

General Fund Enterprise Business System Release 1.4.1 LUT

Global Combat Support System - Joint (GCSS-J) Version 7.1.0 OT&E Plan

Global Combat Support System - Army (GCSS-A) Release 1.1

Global Combat Support System - Marine Corps (GCSS-MC) / Logistics Chain Management, Block 1, Release 1.1 OTP

Global Command and Control System - Maritime (GCCS-M) v4.1 IOT&E Plan

Global Command and Control System - Maritime (GCCS-M) v4.1 OA Plan

Global Command and Control System - Maritime (GCCS-M) v4.I Unit Level OA Plan

Global Combat Support System – Joint (GCSS-J) Version 7.1.1

Global Positioning System (GPS) Enterprise IIF Modernization FDE

Improved (Chemical Agent) Point Detection System-Lifecycle Replacement (IPDS-LR) Program

Infantry Brigade Combat Team (IBCT) Increment I LUT

Joint Cargo Aircraft MultiService

Joint Chemical Agent Detector (JCAD) FOT&E

Joint Chemical Agent Detector (JCAD) Increment 1 Enhanced M4EI Developmental/Operational Test Plan

Joint Mission Planning (JMPS) F-16 MS.I +Mission Planning Environment (MPE) Supplement to the JMPS Field Development Evaluation Test Plan

Joint Mission Planning System FDE Test Plan Supplements for F-22 Version 11, F-16 Block 30 SCU 7, B-1B Release 4.0, and A-10 Suite 6

Joint Mission Planning System -Maritime Marine Helicopter Mission Planning Environment Program IOT&E (OT-IIE)

Joint Mission Planning System-Maritime (JMPS-M) Test Plan for CNO Project Number 1588 F/A-18 Mission Planning Environment (MPE) 2.3

Joint Mission Planning System-Maritime (JMPS-M) Test Plan for CNO Project Number 1588 IOT&E (OTIIN) VH-3/VH-60 Helicopter MPE

Joint Primary Aircraft Training System (JPATS) T-6 Avionics Upgrade Project (AUP) (OT-DI)

Large Aircraft Infrared Countermeasures (DoN LAIRCM) Installed on USMC CH-46E Assault Support Helicopter FOT&E (OT-DI)

LCS 2 Electronic Chart Display and Information System Navy (ECDIS-N) Configuration IOT&E (OT-A3)

Low Cost Conformal Array IOT&E (OT-C)

Mine Resistant Ambush Protected (MRAP) – All Terrain Vehicle (M-ATV), IOT&E

Miniature Air Launched Decoy – Jammer (MALD-J) ADM-160C OA

Mobile Landing Platform (MLP) EOA (OT-AI)

Multi-functional Information Distribution System – Joint Tactical Radio System (MIDS-JTRS) Program (OT-CI)

Navy Enterprise Resource Planning (Navy ERP) IOT&E (OT-C2B) Plan for Release 1.1

Navy Multiband Terminal (NMT) Program OA (OT-BI)

Net-Centric Enterprise Services (NCES) IOT&E Plan update for FOT&E 2

PATRIOT Post Deployment Build (PDB) 6.5 LUT

RQ-4 Global Hawk Block 20/30 Unmanned Aerial System IOT&E

Ship Self Defense System Mark 2 Mod 3 A FOT&E (OT-IIIE)

Space Based Space Surveillance (SBSS) Block 10 IOT&E Plan

Spider XM7 Command Network Munition Follow-on

STANDARD Missile-6 (SM-6) (OT-IIA)

Stryker-Mobile Gun System (MGS) Engineering Change Order (ECO) Validation Reliability

Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) OA (OT-IIF)

Tactical Unmanned Aircraft System Laser Rangefinder/Designator LUT

Terminal High Altitude Area Defense (THAAD) LUT (OTA-TP)

USAF Warfare Center MQ-9 GBU-38 Joint Direct Attack Munition Combined Developmental Test Support/FDE Test Plan,

USMC H-I Upgrades Program AH-IZ OT-IIC3

Virginia Class Submarine FOT&E (OT-IIIA-5)

Virginia Class Submarine FOT&E Events OT-IIIA-I and OT-IIIA-2

XM501 Non Line-of-Sight Launch System Limited User Flight Test

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LIVE FIRE TEST AND EVALUATION STRATEGIES / MANAGEMENT PLANS

Apache Block III LFT&E Strategy

Cartridge, 5.56mm, Ball, Lead Free Slug, M855 LFT&E Strategy

CH-53K LFT&E Strategy (Revision)

DDG1000 LFT&E Management Plan

Enhanced Combat Helmet LFT&E Strategy

Family of Medium Tactical Vehicles-Long Term Armor Strategy Rebuy LFT&E Strategy

Joint High Speed Vessel LFT&E Management Plan

Littoral Combat Ship LFT&E Management Plan

FY10 REPORTS TO CONGRESS		
PROGRAM	**REPORT TYPE**	**DATE**
BLRIP Reports		
Acoustic Rapid Commercial Off-the-Shelf (COTS) Insertion (A-RCI) AN/BQQ-10(V) Sonar System	OT&E BLRIP Report	October 2009
Virginia Class Submarine	Combined OT&E/LFT&E BLRIP Report	November 2009
Department of the Navy Large Aircraft Infrared Countermeasures (DoN LAIRCM)	OT&E BLRIP Report	December 2009
Vertical Launch Anti-Submarine Rocket (ASROC) with the Mk 54 Mod 0 Lightweight Hybrid Torpedo (VLA Mk 54)	OT&E BLRIP Report	January 2010
CV-22 Osprey	OT&E BLRIP Report	January 2010
USS *San Antonio* Class (LPD 17) Amphibious Transport Dock Ship	Combined OT&E/LFT&E BLRIP Report	June 2010
USMC H-1 Upgrades (AH-1Z)	Combined OT&E/LFT&E BLRIP Report	September 2010
Special Reports		
Assessment of the Mine Resistant Ambush Protected (MRAP) Family of Vehicles	Combined OT&E/LFT&E Special Report	March 2010
Operational and Live Fire Report of the M915A5 Truck Tractor, Line Haul	Combined OT&E/LFT&E Special Report	May 2010
Live Fire and Operational Test and Evaluation Report on the Mine Resistant Ambush Protected (MRAP) All-Terrain Vehicle (M-ATV)	Combined OT&E/LFT&E Special Report	June 2010
DOT&E Independent Assessment of the Army's Phase I and Phase II Follow-On Testing of Hard Body Armor	Special Report	July 2010
BMDS Reports		
Airborne Laser (ABL)	Missile Defense Report	January 2010
2009 Assessment of the Ballistic Missile Defense Systems (BMDS)	Annual Report	February 2010
Early Fielding Reports		
Littoral Combat Ship (LCS) 1	Early Fielding Report	July 2010

During FY10, DOT&E met with Service operational test agencies, program officials, private sector organizations, and academia; monitored test activities; and provided information to the DAB committees as well as the DAB principals, the Secretary and Deputy Secretary of Defense, the Under Secretary of Defense (Acquisition, Technology and Logistics), the Service Secretaries, and Congress. Active on site participation in, and observation of, tests and test related activities remain the most effective tools.

In addition to on-site participation and local travel within the National Capital Region, approximately 835 trips supported the DOT&E mission.

Security considerations preclude identifying classified programs in this report. The objective, however, is to ensure operational effectiveness and suitability do not suffer due to extraordinary security constraints imposed on those programs.

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 to the Secretary of Defense, Under Secretary of Defense (Acquisition, Technology and Logistics), Service Secretaries, and Congress. For DOT&E oversight purposes, major defense acquisition programs were defined in the law to mean those programs meeting the criteria for reporting under section 2430, title 10, United States Code (Selected Acquisition Reports (SARs)). The law (sec.139(a)(2)(B)) also stipulates that DOT&E may designate any other programs for the purpose of oversight, review, and reporting. With the addition of such "non-major" programs, DOT&E was responsible for oversight of a total of 348 acquisition programs during FY10.

Non-major programs are selected for DOT&E oversight after careful consideration of the relative importance of the individual program. In determining non-SAR systems for oversight, consideration is given to one or more of the following essential elements:

- 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 (the law (sec. 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 5000.1, but does not appear on the current SAR list (e.g., highly classified systems).

- The program has a close relationship to 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.

This office is also responsible for the oversight of LFT&E programs, in accordance with 10 USC 139. DoD regulation uses the term "covered system" to include all categories of systems or programs identified in 10 USC 2366 as requiring live fire test and evaluation. 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.

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, within the meaning of that term 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 1,000,000 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 was responsible for the oversight of 132 LFT&E acquisition programs during FY10.

PROGRAMS UNDER DOT&E OVERSIGHT
FISCAL YEAR 2010
(As taken from the September 2010 DOT&E Oversight List)

DoD PROGRAMS

Armed Forces Health Longitudinal Technology Application (AHLTA)

Ballistic Missile Defense System (BMDS)

Ballistic Missile Technical Collection (BMTC)

Chemical and Biological Distributed Early Warning System (CB DEWS)

Chemical Demilitarization Program – Assembled Chemical Weapons Alternatives (CHEM DEMIL-ACWA)

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

Defense Enterprise Accounting and Management System – TRANSCOM (DEAMS-TRANSCOM)

Defense Security Assistance Management System (DSAMS) Block 3

Defense Travel System (DTS)

Electronic Health Records (EHRs)

EProcurement

Global Combat Support System – Joint (GCSS-J)

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

Integrated Air and Missile Defense (IAMD) Roadmap programs

Joint Biological Point Detection System (JBPDS)

Joint Biological Stand-Off Detection System (JBSDS)

Joint Biological Tactical Detection System (JBTDS)

Joint Chemical Agent Detector (JCAD)

Joint Command and Control Capabilities (JC2C) – encompasses GCCS-Family of Systems, TBMCS-FL, DCAPES, USMC JTCW, USMC TCO

Joint Counter Radio IED Electronic Warfare (JCREW) Spiral 3.3

Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD)

Joint Tactical Radio System (JTRS) Small Airborne & Maritime/Fixed (AMF) Station

Joint Tactical Radio System (JTRS) Enterprise Manager (JENM)

Joint Tactical Radio System (JTRS) Enterprise Services (ENS)

Joint Tactical Radio System (JTRS) Ground Mobile Radio (GMR)

Joint Tactical Radio System (JTRS) Handheld, Manpack, and Small Form Fit Radios (HMS)

Joint Tactical Radio System Network Enterprise domain (JTRS NED)

Joint Warning and Reporting Network (JWARN)

Key Management Infrastructure (KMI)

Mine Resistant Ambush Protected Vehicles (MRAP) Family of Vehicles

Mounted Reconnaissance Sets – Kits and Outfits (MS-SKO)

Multi-Functional Information Distribution System (MIDS) – includes Low Volume Terminal and JTRS

Multi-National Information Sharing (MNIS)

Public Key Infrastructure (PKI) Increment 1

Public Key Infrastructure (PKI) Increment 2

Shipboard Chemical, Biological, and Radiation Defense Systems – including the Improved (Chemical Agent) Point Detection System (IPDS)

Soldier Radio Waveform (SRW) Network Manager

Teleport Generations I/II and III

Theater Medical Information Program – Joint (TMIP-J) Block 2

Wideband Networking Waveform (WNW) Network Manager

ARMY PROGRAMS

9 mm Improved ("Green") Ammunition

Abrams Tank Modernization (M1E3)

Abrams Tank Upgrade (M1A1 SA/M1A2 SEP)

Advanced Threat Infrared Countermeasures/Common Missile Warning System (ATIRCM CMWS)

Advanced Precision Mortar Initiative (APMI)

AN/ALQ-211 Suite of Integrated Radio Frequency Countermeasures (SIRFC)

Apache Block III (AB3)

Armed Aerial Scout (previously named ARH Armed Recon Helicopter)

Armored Truck – Heavy Dump Truck (HDT)

ARMY PROGRAMS (continued)

Armored Truck – Heavy Equipment Transporter (HET)

Armored Truck – Heavy Expanded Mobility Tactical Truck (HEMTT)

Armored Truck – M91SA5 Line Hauler

Armored Truck – M939 General Purpose Truck

Armored Truck – Palletized Loading System (PLS)

Army Integrated Air & Missile Defense (AIAMD)

Biometrics Enabling Capability (BEC)

Black Hawk Upgrade (UH-60M) – Utility Helicopter Upgrade Program

Bradley Fighting Vehicle System Upgrade

Bradley Tank Modernization (M2A3 V2)

CH-47F Cargo Helicopter

Common Infrared Countermeasures (CIRCM)

Common Missile Warning System (CMWS)

Distributed Common Ground System – Army (DCGS-A)

Early Infantry Brigade Combat Team (E-IBCT) Increment One

Early Infantry Brigade Combat Team (E-IBCT) Increment One Network Interface Kit

Early Infantry Brigade Combat Team (E-IBCT) Increment One Small Unmanned Ground Vehicle (SUGV)

Early Infantry Brigade Combat Team (E-IBCT) Increment One Tactical Unattended Ground Sensors (T-UGS)

Early Infantry Brigade Combat Team (E-IBCT) Increment One Unmanned Aircraft System (UAS) Class I Organic Air Vehicle Light

Early Infantry Brigade Combat Team (E-IBCT) Increment One - Urban Unattended Ground Sensors (U-UGS)

Early Infantry Brigade Combat Team (E-IBCT) Increment Two

Early Infantry Brigade Combat Team (E-IBCT) Multi-Mission Unmanned Ground Vehicle

Enhanced AN/TPQ-36 Radar System (EQ-36)

Enhanced Medium Altitude Recon Surveillance System (EMARSS)

Excalibur Family of Precision, 155 mm Projectiles

Extended Range Multi-Purpose (ERMP) Unmanned Aircraft System (UAS)

Family of Medium Tactical Vehicles (FMTV)

Force XXI Battle Command Brigade and Below (FBCB2) Program

Force XXI Battle Command Brigade and Below – Joint Capability Requirement (FBCB2-JCR)

General Fund Enterprise Business System (GFEBS)

Global Combat Support System – Army (GCSS-A)

Global Command and Control System – Army (GCCS-A)

Ground Combat Vehicle (GCV)

Guided Multiple Launch Rocket System – Unitary (GMLRS Unitary)

Guided Multiple Launch Rocket System (GMLRS) – Dual Purpose Improved Conventional Munitions (DPICM)

Guided Multiple Launch Rocket System Alternate Warhead (GMLRS AW)

HELLFIRE Romeo

High Mobility Artillery Rocket System (HIMARS)

High Mobility Multipurpose Wheeled Vehicle (HMMWV)

Hostile Fire Indicator

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

Improved Carbine

Installation Information Infrastructure Modernization Program

Integrated Personnel and Pay System – Army (Army IPPS)

Intelligent Munitions System (IMS) "Scorpion"

Interceptor Body Armor

Javelin Antitank Missile System – Medium

Joint Air-to-Ground Missile (JAGM)

Joint Battle Command Platform (JBC-P)

Joint Cargo Aircraft (JCA)

Joint Cooperative Target Identification – Ground (JCTI-G)

Joint Future Theater Lift Concept (JFTLC)

Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS)

Joint Lightweight Tactical Vehicle (JLTV)

Joint Personnel Identification (JPIv2)

Kiowa Warrior Replacement Program

Kiowa Warrior Upgrade

Land Warrior – Integrated Soldier Fighting System for Infantrymen

Light Utility Helicopter (LUH)

Logistics Modernization Program (LMP)

Long Endurance Multi-Intelligence Vehicle (LEMV)

LONGBOW APACHE – Airframe modifications on the APACHE Helicopter

M855 Lead Free Slug (LFS)

Nett Warrior

Paladin/FASSV Integrated Management (PIM)

Patriot Advanced Capability 3 (PAC-3) (Missile only)

Patriot/Medium Extended Air Defense System Combined Aggregate Program (PATRIOT/MEADS CAP)

Precision Guidance Kit XM1156 (PGK)

Shadow Unmanned Aircraft System

Small Unmanned Aircraft System (Raven UAS)

ARMY PROGRAMS (continued)

Spider XM7 Network Command Munition

Stryker – Armored Vehicle

Stryker M1126 Infantry Carrier Vehicle

Stryker M1127 Reconnaissance Vehicle

Stryker M1128 Mobile Gun System

Stryker M1129 Mortar Carrier

Stryker M1130 Commander's Vehicle

Stryker M1131 Fire Support Vehicle

Stryker M1132 Engineer Squad Vehicle

Stryker M1133 Medical Evacuation Vehicle

Stryker M1134 ATGM Vehicle

Stryker Modernization Program

Stryker Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV)

Surface-Launched AMRAAM (SLAMRAAM)

Warfighter Information Network – Tactical (WIN-T) Increment 1

Warfighter Information Network – Tactical (WIN-T) Increment 2

Warfighter Information Network – Tactical (WIN-T) Increment 3

Warfighter Information Network – Tactical (WIN-T) Increment 4

X829E4 AKE

NAVY PROGRAMS

Acoustic Rapid COTS Insertion for SONAR

Active Electronically Scanned Array (AESA)

Advanced Airborne Sensor

Advanced Extremely High Frequency Navy Multiband Terminal Satellite Program (NMT)

AEGIS Modernization

AGM-88E Advanced Anti-Radiation Guided Missile (AARGM) Program

AH-1Z

AIM-9X – Air-to-Air Missile Upgrade

Air and Missile Defense Radar (AMDR)

Air Warfare/Ship Self Defense Enterprise

Airborne Laser Mine Detection System (ALMDS)

Airborne Mine Neutralization System (AMNS)

Airborne Resupply/Logistics for Seabasing (AR/LSB)

Amphibious Assault Vehicle Upgrade

AN/AAR-47 V2 Upgrade Missile/Laser Warning Receiver

AN/APR-39 Radar Warning Receiver

AN/AQS-20A Minehunting Sonar

An/BLQ-10 Submarine Electronics Support Measures

AN/BVS-1 Photonics Mast

AN/SLQ-25 NIXIE

AN/SQQ-89A(V) Integrated USW Combat Systems Suite

Anti-Torpedo Torpedo

Anti-Torpedo Torpedo Defensive System (Previously Surface Ship Torpedo Defense System) including all sensors and decision tools

Broad Area Maritime Surveillance Unmanned Aircraft System (BAMS UAS)

BYG-1 Fire Control (Weapon Control & TMA)

CG(X) - Next generation cruiser.

CH-53K – Heavy Lift Replacement Program

Close-In Weapon System (CIWS) including SEARAM

Cobra Judy Replacement – Ship-based radar system

Cobra Judy Replacement Mission Planning Tool

Common Aviation Command and Control System (CAC2S)

Consolidated Afloat Network Enterprise Services (CANES)

Cooperative Engagement Capability (CEC)

CVN 78 – *Gerald R. Ford* Class Nuclear Aircraft Carrier

DDG 1000 – *Zumwalt* Class Destroyer – includes all supporting PARMs

DDG 51 – *Arleigh Burke* Class Guided Missile Destroyer – includes all supporting PARMs

Department of Navy Large Aircraft Infrared Counter Measures (DoN LAIRCM)

Digital Modular Radio (DMR)

Distributed Common Ground System – Navy (DCGS-N)

Distributed Common Ground System – Marine Corps (DCGS-MC)

E-2D Advanced Hawkeye (AHE)

EA-18G – Airborne Electronic Attack variant of the F/A-18 aircraft

Enhanced Combat Helmet

Electronic Patrol - X (EP-X)

Evolved Sea Sparrow Missile (ESSM)

Evolved Sea Sparrow Missile Block 2

Expeditionary Fighting Vehicle (EFV)

F/A-18E/F SUPER HORNET Naval Strike Fighter

Future Pay and Personnel Management Solution (FPPS)

Global Combat Support System – Marine Corps (GCSS-MC)

Global Command and Control System – Maritime (GCCS-M)

Ground/Air Task Oriented Radar (G/ATOR)

NAVY PROGRAMS (continued)

H-1 UPGRADES (4BW/4BN) – USMC Mid-life Upgrade to AH-1W Attack Helicopter and UH-1N Utility Helicopter

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

Integrated Defensive Electronic Countermeasures (IDECM) (All Blocks)

Joint and Allied Threat Awareness System (JATAS)

Joint Assault Bridge

Joint Expeditionary Fires (JEF)

Joint High Speed Vessel (JHSV)

Joint Multi-Mission Submersible (JMMS)

Joint Mission Planning System (JMPS) – Navy (E/F/A-18E/F/G and JMPS-E)

Joint Precision Approach and Landing System (JPALS)

Joint Stand-Off Weapon C-1 variant (JSOW C-1)

KC-130J Aircraft

KC-130J Harvest Hawk

LCC(R) – Command Ship Replacement

Littoral Combat Ship (LCS) – includes all Mission Packages and supporting PARMs, and 57mm, 30mm, and NLOS-LS lethality

LHA 6 – America Class Amphibious Assault Ship – includes all supporting PARMs

LHD 8 Amphibious Assault Ship

Light Armored Vehicle

Low Cost Conformal Array

LPD 17 – San Antonio Class Amphibious Transport Dock Ship – includes all supporting PARMs and 30mm lethality

Marine Personnel Carrier

Maritime Prepositioning Force (Future) Large, Medium-Speed, Roll-on/Roll-off Ships (MPF(F) LMSR)

Maritime Prepositioning Force (Future) Mobile Landing Platform (MPF(F) MLP)

Medium Tactical Vehicle Replacement Program (USMC) (MTVR)

MH-60R - Multi-Mission Helicopter Upgrade

MH-60S Multi-Mission Combat Support Helicopter

Mk 54 torpedo/Mk 54 VLA/Mk 54 Upgrades

Mk 48 CBASS Torpedo

Mk 48 Torpedo Mods

Mobile User Objective System (MUOS)

Naval Integrated Fire Control – Counter Air (NIFC-CA)

Navy Enterprise Resource Planning (ERP)

Navy Unmanned Combat Air System (UCAS)

Next Generation Enterprise Network (NGEN)

Next Generation Jammer

Ohio Replacement Program (Sea-based Strategic Deterrence) – including all supporting PARMs

Organic Airborne and Surface Influence Sweep (OASIS)

OSPREY MV-22 – Joint Advanced Vertical Lift Aircraft

P-8A Poseidon Program

Rapid Airborne Mine Clearance System (RAMICS)

Remote Minehunting System (RMS)

Rolling Airframe Missile (RAM) including RAM Block 1A Helicopter Aircraft Surface (HAS) and RAM Block 2 Programs

Ship Self-Defense System (SSDS)

SHIP TO SHORE CONNECTOR (SSC) (also called Joint Assured Maritime Access (JAMA))

Small Tactical Unmanned Aerial System (STUAS) – UAS Tier II

SSGN Ohio Class Conversion – includes all supporting PARMs

SSN 774 Virginia Class Submarine

Standard Missile 2 (SM-2) Block IIIB

Standard Missile 2 (SM-2) Block IIIC

Standard Missile-6 (SM-6)

Submarine External Communications System (SubECS)/Common Submarine Radio Room (CSRR)

Submarine Torpedo Defense System (Sub TDS) – including countermeasures and Next Generation Countermeasure System (NGCM)

Surface Electronic Warfare Improvement Program (SEWIP) Block 2

Surface Electronic Warfare Improvement Program (SEWIP) Block 3

Surface Electronic Warfare Improvement Program (SEWIP) Block 4

Surface Mine Countermeasures Unmanned Undersea Vehicle (SMCM UUV)

Surveillance Towed Array Sonar System/Low Frequency Active (SURTASS/LFA)

TACTICAL TOMAHAWK – Follow-on to TOMAHAWK Baseline missile program

T-AKE – Lewis and Clark Class of Auxiliary Dry Cargo Ships – includes all supporting PARMs

TB-33 Array Fiber Optic Thin Line System

TB-34 Next generation Fat Line Replacement Towed Array

TRIDENT II MISSILE – Sea-Launched Ballistic Missile

UH-1Y

Unmanned Surface Sweep System (US3)

Unmanned Undersea Vehicle program

Vertical Takeoff and Land Tactical Unmanned Air Vehicle (VTUAV) (Fire Scout)

VXX – Presidential Helicopter Fleet Replacement Program

AIR FORCE PROGRAMS

20mm PGU-28/B Replacement Combat Round

Advanced Pilot Trainer

Advanced Extremely High Frequency (AEHF) Satellite Program

Advanced Medium Range Air-to-Air Missile (AMRAAM)

Air and Space Operations Center – Weapons System (AOC-WS) initiative 10.2

Air and Space Operations Center – Weapons System (AOC-WS) initiatives including 10.0 and 10.1

Airborne Signals Intelligence Payload (ASIP)

Airborne Warning and Control System (AWACS) Block 40/45 Upgrade Program

Air Force Distributed Common Ground System (AF-DCGS)

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

Air Force Network (AFNET) Increment 1

Air Force Network (AFNET) Increment 2

Air Force Network (AFNET) Increment 3

ALR-69A Radar Warning Receiver

Army Mission Planning System (AMPS)

B-2 Advanced Extremely High Frequency (EHF) SatCom and Computer Capability Increment I

B-2 Advanced Extremely High Frequency (EHF) SatCom and Computer Capability Increment II

B-2 RMP – B-2 Radar Modernization Program

Battle Control System – Fixed (BCS-F) 3.1

Battle Control System – Fixed (BCS-F) 3.2

Battlefield Airborne Communications Node (BACN) JUON

C-5 Aircraft Avionics Modernization Program (AMP)

C-5 Aircraft Reliability Enhancement and Re-engining Program (RERP)

C-17A - GLOBEMASTER III Advanced Cargo Aircraft Program

C-130 Aircraft Avionics Modernization Program (AMP)

C-130 Aircraft Avionics Modernization Program (AMP) Prime

C-130 Aircraft Avionics Modernization Program (AMP) Phase II

C-130J - HERCULES Cargo Aircraft Program

CITS AFNet Migration UON

Combat Search and Rescue Replacement (CSAR-X)

Command and Control Air Operations Software (C2AOS) (follow-on to Theater Battle Management Core System)

Command and Control Information Services (C2IS)

Common Vertical Lift Support Platform (CVLSP)

Cyber Control System (CCS) Increment 1

Cyber Control System (CCS) Increment 2

Defense Enterprise Accounting and Management System – Air Force (DEAMS – AF)

Defense Weather Satellite System (DWSS)

Deliberate and Crisis Action Planning and Execution Segments (DCAPES)

E-4B National Airborne Operations Center (NAOC) Aircraft Replacement Program

Enhanced Polar System (EPS)

Expeditionary Combat Support System (ECSS)

F-15E Radar Modernization Program

F-22 RAPTOR Advanced Tactical Fighter

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

Family of Beyond Line-of-Sight Terminals (FAB-T)

Family of Beyond Line-of-Sight Terminals, Increment 2 (High Data Rate Airborne Terminal) (FAB-T HDRAT)

Financial Information Resource System

Full Scale Aerial Target

Global Broadcast Service (GBS)

Global Broadcast System (GBS) Defense Enterprise Computing Center (DECC)

GLOBAL HAWK (RQ-4A/B) – High Altitude Endurance Unmanned Aircraft System

Global Positioning Satellite Next Generation Control Segment (GPS OCX)

Global Positioning Satellite III (GPS-IIIA)

HC/MC – 130 Recapitalization

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

Information Transport Service (ITS) Increment 2

Integrated Strategic Planning and Analysis Network (ISPAN) Increment 2

Joint Aerial Layer Network

Joint Air-to-Surface Standoff Missile (JASSM) and JASSM Extended Range (JASSM ER))

Joint Direct Attack Munition (JDAM)

Joint Primary Aircraft Training System (JPATS)

Joint Space Operations Center Mission System (JMS)

Joint Surveillance Target Attack Radar System (JSTARS) Re-engine Program

KC-X - Tanker Replacement Program

Large Aircraft Infrared Countermeasures Program (LAIRCM)

Light Armed Attack Aircraft

Light Mobility Aircraft

AIR FORCE PROGRAMS (continued)

Massive Ordnance Penetrator (MOP)

Military GPS User Equipment (GPS MGUE)

Miniature Air Launched Decoy (MALD), including MALD-Jammer (MALD-J)

Mission Planning Systems (MPS) Increments I-III including the Joint Mission Planning System (JMPS) - (RC-135)

Mission Planning System (MPS) Increment IV – (E-8/E-3, B-1, F-22, A-10)

Multi-Platform Radar Technology Insertion Program (MP RTIP)

MQ-9 REAPER Unmanned Aircraft System

MQ-X

National Airspace System (NAS)

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

NUDET Detection System (NDS)

OSPREY CV-22 – Joint Advanced Vertical Lift Aircraft

Presidential Aircraft Recapitalization (PAR) Program – Air Force One recapitalization program

Small Diameter Bomb (SDB) Increment I

Small Diameter Bomb (SDB) Increment II

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

Space-Based Space Surveillance (SBSS) Block 10

Space-Based Space Surveillance (SBSS) Block 10 Follow-on

Space Fence

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

Vulnerability Life Cycle Management System (VLMS) 1.5

Vulnerability Life Cycle Management System (VLMS) 2.0

Wideband Global SATCOM (WGS) Program