

DOT&E ACTIVITY SUMMARY

DOT&E activity for FY00 involved oversight of 213 programs, including 26 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 FY00 included approval of 48 Test and Evaluation Master Plans (TEMPs), as well as 36 Operational Test Plans. Live Fire Test and Evaluation (LFT&E) activity included the approval of 11 LFT&E Strategies and Test Plans for inclusion in the TEMPs. In FY00 and to date in FY01, DOT&E prepared 14 reports for the Secretary of Defense and the Congress .

DOT&E also prepared and submitted numerous reports to DAB principals for consideration in DAB deliberations.

TEST AND EVALUATION MASTER PLANS APPROVED

Advanced Mission Computer and Displays (AMC&D)	Defense Integrated Military Human Resources System (DIMHRS)	National Airspace System (NAS)
AIM-9X Rev C	E-2C Mission Computer Upgrade (MCU)	National Missile Defense (NMD)
All Source Analysis System (ASAS) Rev K	Evolved SEASPARROW Missile	Navy Theater Wide (NTW) TBMD Change
AN/APR-39A (V) 2 Radar Signal Detecting Set Program Rev B	F/A-18E/F	RAH-66 Comanche
AN/SQQ-89f(V) Surface Ship	F-15E Tactical Electronic Warfare System (TEWS)	Sense and Destroy Armor (SADARM)
Army Tactical Missile System (ATACMS) Block II P3I BAT Program	AN/ALQ-135 BAND 1.5	Sensor Fuzed Weapon (SFW) 6/22/00 Rev
Auxiliary Dry Cargo Carrier (T-ADC (X))	Force XXI Battle Command, Brigade and Below (FBCB2)	Stinger Block II Missile System
Blackhawk UH-60 Utility Helicopter	Global Combat Support System (GCSS) (CINC/JTF) Annex A	Submarine Exterior Communications Systems (SubECS) Capstone
Bradley Fighting Vehicle System (BFVS) A3	Integrated Defensive Electronic Countermeasures (IDECM) Block One	Tactical UAV (TUAV)
M2A3/M3A3	Joint Stars Change 1	THAAD
Business Systems Modernization (BSM)	Joint Stars RTIP	Theater Battle Management Core Systems (TBCMS)
CEC Annex A for the E-2C Integration Program	Land Attack Destroyer (DD 21) Rev A	Tomahawk Cruise Missile Change 5
Common Imagery Ground/Surfaces System	LPD17 Amphibious Transport Dock Ship Rev B	Tube-Launched Optically -Tracked Wireguided Fire and Forget (TOW F&F) Missile
Cooperative Engagement Program (CEC) Rev 1	M270A1 MLRS	V-22 Osprey
Crusader	MIDS F-15 Fighter Data Link (FDL)	Vertical Takeoff and Landing Tactical Unmanned Aerial Vehicle (VTUAV)
CVNX	MK 48 ADCAP Torpedo Rev 8	WC-130J
DDG51 Guided Missile Destroyer Program Rev 8		

OPERATIONAL TEST PLANS APPROVED

Advanced Deployable System (ADS)	DDG 51 Class Destroyer OT-IIID2	Joint Biological Point Detection System (JBPDS)
Advanced TOMAHAWK WCS (ATWCS) OPEVAL	Defense Civilian Personnel Data System (DCPDS)	JPATS MOT&E
AGM-154B Joint Standoff Weapon System (JSOW)	Defense Joint Accounting System	JSTARS Computer Replacement Program (CRP) DT/OT
AIM-9X OT-IIA	Defense Medical Logistics Standard Support (DMLSS) QOT&E	Medium Altitude Endurance Unmanned Aerial Vehicle (Predator)
All Source Analysis System (ASAS) Block II Remote Workstation (RWS) (Light) SEP	Defense Medical Logistics Standard Support (DMLSS) AIS CSW OT-IIID	MIDS F/A-18 OT-II A-2
ALR-56M / ALE-47 OFP	DoD Advanced Automation System (DAAS) / Digital Airport Surveillance System	MIDS F-15 Fighter Data Link (FDL) QOT&E
AN/SQQ-89f(V) Surface ASW Combat System OT-IIIG	Evolved SEASPARROW Missile OT-IIA	MK 48 ADCAP Torpedo OT-IIIF
Army Tactical Missile System (ATACMS) Block II BAT EDP	F-15E Tactical Electronic Warfare System (TEWS) AN/ALQ-135 BAND 1.5	Prophet
ATACMS Block II BAT SEP	Global Combat Support System (GCSS)	Propulsion Replacement Program (PRP) IOT&E
ATFLIR OT-IIA/B	Integrated Defensive Electronic Countermeasures (IDECM) Block I OT-IIIA	Theater Battle Management Core Systems (TBCMS) MOT&E
C-130J QOT&E Phase 1A	JDAM OT-IIB Change 1	Theater Battle Management Core Systems (TBCMS) MOT&E
Close Combat Tactical Trainer (CCTT) EDP		U.S. Army Non-Stockpile Chemical Materiel Program
Cooperative Engagement Program (CEC)		

LFT&E STRATEGIES AND TEST PLANS APPROVED

Abrams Tank (M1A2)	CH-47F LFT Propulsion System/Fuel Subsystem DTPs	UH-60 Black Hawk Helicopter Modernization Program
Advanced Amphibious Assault Vehicle (AAAV)	Objective Individual Combat Weapon (OICW)	Wolverine Heavy Assault Bridge Phase III
Brilliant Antiarmor Submunition (BAT)	Line-of-Site Antitank Missile (LOSAT)	XM104 Wolverine Heavy Assault Bridge Change 2 – DTP
C-130 Avionics Modernization Program (AMP)	M829E3 120-MM APFSDS-T Cartridge	

REPORTS TO CONGRESS FOR FY00 AND FY01 TO DATE

VCCS OT&E Report (October 1999)	F/A-18E/F Hornet OT&E/LFT&E Report (March 2000)	F-15E TEWS AN/ALQ 135 Band 1.5 OT&E Report (November 2000)
FDL OT&E Report (October 1999)	SLAM-ER OT&E/LFT&E Report (May 2000)	Coastal Mine Hunter (MHC 51) OT&E Report (December 2000)
Minuteman III OT&E Report (December 1999)	JSTARS OT&E Report (August 2000)	MH-47E AND MH-60K SOA LFT&E Report (December 2000)
RAM Block I Upgrade OT&E/LFT&E Report (January 2000)	XM1001 40mm Canister Cartridge LFT&E Report (September 2000)	B-2 Bomber Conventional Warfare Mission LFT&E Report (January 2001)
SH-60B and HH-60H LFT&E Report (January 2000)	V-22 Osprey OT&E/LFT&E Report (November 2000)	

During this fiscal year the DOT&E and his staff assistants 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 USD(A&T), the Service Secretaries, and the Congress. Active on-site participation in and observation of tests and test-related activities remain among our most effective tools. In addition to on-site participation and local travel within the national capital region (NCR), the Director and his staff completed over 700 trips in support of operational and live fire test activities.

Security considerations preclude identifying Special Access Programs (SAP) in this report. However, DOT&E continues its involvement in SAPs. The objective is to ensure operational effectiveness and suitability do not suffer because of the extraordinary security constraints imposed on these programs.

DOT&E PROGRAM OVERSIGHT

This office is responsible for approving the adequacy of plans for operational test and evaluation and for reporting to the Secretary of Defense, USD(AT&L), Service Secretaries, and the Congress the operational test results for all major defense acquisition programs. 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 the DOT&E may designate any other programs for the purpose of his oversight, review, and reporting. With the addition of such "non-major" programs, DOT&E was responsible for oversight of 213 acquisition programs during FY00.

Non-major programs are selected for DOT&E oversight after careful consideration of the relative importance of the individual program. In selecting 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 the 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 OT 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; or
 - 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.

The DOT&E was responsible for the oversight of 90 LFT&E acquisition programs during FY00.

**PROGRAMS UNDER DOT&E OVERSIGHT
FISCAL YEAR 2000**

ARMY

ADDS/ELPRS
 AFATDS (ATCCS)
 ASAS (ATCCS)
 ATACMS BLOCK II & IIA
 (BAT)
 BATTLEFIELD
 DIGITIZATION
 BLACKHAWK (UH-60L+)
 BRADLEY FVS (M2M3)
 UPGRADE
 C2 VEHICLE
 CCTT
 CH-47F CARGO HELO
 CHEMICAL
 DEMILITARIZATION
 COMANCHE (RAH-66)
 CRUSADER
 CSSCS (ATCCS)
 FAADS C2I (ATCCS)
 (Includes GBS)
 FBCB2
 FMTV
 TOW-FIRE & FORGET
 FUTURE COMBAT
 VEHICLE
 FUTURE SCOUT/
 CAVALRY SYSTEM
 HIMARS
 JLENS
 JAVELIN (JETI)
 JCALS
 JSTARS CGS
 JTRS
 KIOWA WARRIOR
 (OH-58D)
 LAND WARRIOR
 LONGBOW APACHE
 (AH-64D)
 LONGBOW HELLFIRE
 LOSAT
 M1 BREACHER
 M1 HAB
 M1A2 UPGRADE
 M829E3
 MCS (ATCCS)

MH-47E/MH-60K SOA
 MIDS-LVT (2)
 MLRS (GUIDED ROCKET)
 MLRS UPGRADE
 NBC RECON VEHICLE
 OCSWS
 OICWS
 PROPHET
 RCAS
 SADARM
 SCAMP (MILSTAR,
 BLK II)
 SIIRCM/ATIRCM/CMWS
 SINCGARS
 SIRFC
 SMART-T
 STINGER RMP
 TC-AIMS II
 TUAV
 WIDE AREA MUNITION
 WIN-T
 XM 96 LFHG
 XM 1001 40mm
 CANISTER CARTIDGE

NAVY

AAAV
 ACDS BLK I
 ADC (X)
 AEW
 AIEWS
 AIM-9X UPGRADE
 ALAM
 ALR-67/ASR
 AN/SPY-1 B/D (AEGIS)
 AN/SQQ-89
 (SQS-53/SQR-19)
 APR-39 (ALL VERSIONS)
 AV-8B
 REMANUFACTURE
 CEC
 CH-60 CSAR
 HELICOPTER
 CH-60S FLEET CBT SPT
 HELICOPTER
 HH-60H/SH-60B

CVN(X)
 CVN-68 Class
 DDG-51 (ALL VARIANTS)
 DIMHRS
 E-2C
 EA-6B (ALL UPGRADES)
 ESSM
 F/A-18 E/F (UPGRADES)
 F/A-18 E/F
 FDS/ADS
 IDECM
 JCC(X)
 JSOW BASELINE
 JSOW BLU-108
 JSOW UNITARY
 LHD CLASS
 LH(X)
 LPD17 (LX)
 MHC (COASTAL MINE
 HUNTER)
 MIDS LVT (1)
 MK-48 ADCAP
 (ALL MODS)
 MMA
 MUOS
 NESP (EHF)
 SSGN
 SSN 774 VIRGINIA CLASS
 NSIPS
 QRCC/SSDS
 RAM
 DD-21
 SEA SPARROW
 AIM/RIM-7
 SH-60R
 SLAM-ER+C138
 SM-2 (BLKS III/IIIA&B)
 SM-2 BLK IV/IVA
 SSN21/BSY-2
 SSN-23 JIMMY CARTER
 STRATEGIC SEALIFT
 SUB COMMS (SCSS)
 T-45TS
 T-AGOS/SURTASS/LFA
 TAMPs
 THEATRE MISSION
 PLANNING CENTER

TACTICAL TOMAHAWK
TRIDENT II MISSILE
UHF FOLLOW-ON
SATELLITE
USMC H-1 UPGRADE
V-22
VTUAV
JMPS

AIR FORCE

ABL
ADVANCED EHF
AFMSS
ALR-56M
ALR-69 (ALL VERSIONS)
AMRAAM (AIM-120)
JAMSS
B-1B CMUP
(ALL UPGRADES)
B-1B CMUP/JDAM
B-1B CMUP/COMPUTER
UPGRADE
B-1B CMUP/DSUP
B-2
C-130J (ALL VARIANTS)
C-130 AMP
C-17A
C-17 UPGRADE
C-5 RERP
CIGSS
CSAR
CSEL
DCGS
DCPDS
E-3A AWACS
EELV
F-15/TEWS
F-22
GCSS-AF
GTN
HAEUAV (Global Hawk)
ILSS
IMDS
JASSM
JDAM
JOINT HELMET
MOUNTED QUEING
SYSTEM

JPALS
JPATS
JSTARS (E-8C)
MIDS-LVT3 (FDL)
MILSTAR
MINUTEMAN III GRP
PHASE 1
MINUTEMAN III PRP
NAS
NAVSTAR GPS
PREDATOR
RSA
SBIRS
SFW
SFW P31
SWPS
TBMCS
TITAN IV
TRAC2ES
JSTARS (RTIP) (E-8D
RADAR TECH INSERT
PROG)
WIDEBAND GAPFILLER

BMDO

MEADS
NAVY AREA TBMD
NMD
NTW
PATRIOT PAC-3
SPACE BASED LASER
THAAD/GBR

DFAS

DJAS
DJMS
DPPS

DISA

DII/COE
DMS
GCCS/GCSS

DLA

BUSINESS SYSTEM
MODERNIZATION
(BSM)
FAS
SPS

DOD

CID
HDBTDC
HSRS
JOINT BIOLOGICAL
POINT DETECTION
SYSTEM
JOINT BIOLOGICAL
REMOTE EARLY
WARNING SYSTEM
JOINT SERVICE LIGHT
NBC RECON SYSTEM
JOINT WARNING &
REPORTING NETWORK
JOINT SERVICE
LIGHTWEIGHT
STANDOFF CHEMICAL
AGENT DETECTOR
JOINT CHEMICAL AGENT
DETECTOR
JSF
NPOESS
TCS

OSD

GBS
SMART CARD

OSD(HA)

CEIS
CHCS II
DMLSS
TMIP