

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)

February 2002

BUDGET ACTIVITY <b>6 - Management support</b>	PE NUMBER AND TITLE <b>0605601A - ARMY TEST RANGES AND FACILITIES</b>						PROJECT <b>F30</b>		
COST (In Thousands)	FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
F30 ARMY TEST RANGES & FACILITIES	120277	113451	144183	149725	171143	174600	191859	Continuing	Continuing

**A. Mission Description and Budget Item Justification:** This program provides the institutional funding required to assure a developmental test capability is available for Department of Defense (DoD) Program Executive Officers, Program and Product Managers, and Research, Development, and Engineering Centers. This funding does not pay for specific test costs associated with specific programs. All functions and resources associated with this program are managed by the U.S. Army Developmental Test Command (DTC), a subordinate command of the Army Test and Evaluation Command (ATEC). DTC manages four of DoD's Major Range and Test Facility Bases:

- Yuma Proving Ground (YPG), Arizona (to include management of Army natural environmental testing)
- Aberdeen Test Center, Aberdeen Proving Ground, Maryland
- White Sands Missile Range, New Mexico (including the Electronic Proving Ground (EPG), Fort Huachuca, Arizona).
- Dugway Proving Ground, Utah (test mission funds for Dugway are provided by the Chemical Biological Defense Program (CBDP) PE 0605384BP/DW6.)

This program also provides the Army's developmental test capability at:

- Aviation Technical Test Center, Fort Rucker, Alabama
- Redstone Technical Test Center, Redstone Arsenal, Alabama
- Cold Regions Test Center, Fort Greely and Fort Wainwright, Alaska (subordinate of YPG)
- Tropic Test Site at Schofield Barracks, Hawaii (subordinate of YPG)

In addition, it provides the capability for test planning plus safety verification/confirmation at HQ, DTC located at Aberdeen Proving Ground, Maryland. Developmental test capabilities at each test range have been uniquely established, are in place to support test and evaluation (T&E) requirements of funded weapons programs, and are required to assure technical performance, adherence to safety requirements, reliability, logistics supportability, and quality of materiel in development and in production. Program funding includes efforts toward leveraging technologies to include procurement of essential equipment, personnel training and test facility modernization to support the warfighter's weapons and equipment. Current testing capabilities are not duplicated within DoD and they represent test capabilities needed to assure minimal risk to the soldier as new technologies emerge into fielded weapons systems.

This program finances indirect test operating costs not appropriately billed to test customers, replacement of test equipment and test facility modernization projects to maintain current testing capabilities and improvements to safety, environmental protection, efficiency of test operations, and technological advances. This program does not finance reimbursable costs directly identified to a user of these ranges. Direct costs are borne by materiel developers and project/product managers in accordance with DoD Directives 7000.14R and 3200.11. This program sustains the developmental test and evaluation capability to support all transition paths, Objective Force S&T, Legacy, Legacy to Objective, Interim, and Objective, of the Army Transformation Campaign Plan (TCP).

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The developmental test capability provided by this program element also supports Joint Service or Other Service systems, hardware, and technologies, not just Army unique systems. Some of the programs for which this program element will provide the needed developmental test capability in the future include: Legacy Systems (to include Recapitalization and Recap/Mod)-Joint Services Lightweight Howitzer, ABRAMS, BRADLEY; Legacy to Objective Systems -Theater High Altitude Area Defense (THAAD) and Force Battle Command Brigade and Below (FBCB2); Interim System-Interim Armored Vehicle/Brigade Combat Teams; Objective Systems -COMANCHE, Future Combat Systems (FCS), HIMARS/Future Rocket System; Support of Objective Force S&T-Army Warfighting Experiments and Advanced Concept Technology Demonstrations; as well as Joint Service, Air Force/Navy programs.

**FY 2001 Accomplishments:**

- 69778 Provided for test center civilian labor and other support costs which cannot be directly identified to a specific test customer or program. These civilian personnel performed administrative and staff/management support for DTC's mission to provide developmental and other acquisition related testing of DoD materiel, weapons, and weapons systems within the acquisition cycle to include resource management, safety, surety operations, range control, Contracting Officer's Representative (COR) duties, and environmental oversight/compliance of testing activities.
- 36063 Provided for labor and supporting costs for test center contractor personnel performing administration and management of DTC's test mission contracts. This is the indirect portion of the total cost of providing contractual effort including range operations, automotive testing, radar operations and maintenance, aerial cable operations, warehousing support, data collection, data reduction, project management, aircraft maintenance, and ADP support.
- 6436 Provided for civilian and contractor labor and other support costs at DTC HQ for test planning, safety verification/confirmation function, and HQ DTC and HQ ATEC test mission management.
- 8000 Congressional increase for White Sands Missile Range Test Facility and Instrumentation Modernization for aging radar, telemetry optics, data reduction, and communications test capabilities; and developed, tested, and implemented the software interfaces required to connect range facilities and resources to the newly constructed Cox Range Control Center and the range-wide fiber optics based test support network (TSN).

Total 120277

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- 68786 Provides for test center civilian labor and other support costs which cannot be directly identified to a specific test customer or program. These civilian personnel perform administrative and staff/management support for DTC's mission to provide developmental and other acquisition related testing of DoD materiel, weapons, and weapons systems within the acquisition cycle to include resource management, safety, surety operations, range control, COR duties, and environmental oversight/compliance of testing activities.
- 38311 Provides for labor and supporting costs for test center contractor personnel performing administration and management of DTC's test mission contracts. This is the indirect portion of the total cost of providing contractual effort including range operations, automotive testing, radar operations and maintenance, aerial cable operations, warehousing support, data collection, data reduction, project management, aircraft maintenance, and ADP support.
- 6354 Provides for civilian and contractor labor and other support costs at DTC HQ for test planning, safety verification/confirmation function, and HQ DTC test mission management.

Total 113451

**FY 2003 Planned Program**

- 78662 Provides for test center civilian labor and other support costs which cannot be directly identified to a specific test customer or program. These civilian personnel perform administrative and staff/management support for DTC's mission to provide developmental and other acquisition related testing of DoD materiel, weapons, and weapons systems within the acquisition cycle to include resource management, safety, surety operations, range control, COR duties, and environmental oversight/compliance of testing activities.
- 57710 Provides for labor and supporting costs for test center contractor personnel performing administration and management of DTC's test mission contracts. This is the indirect portion of the total cost of providing contractual effort including range operations, automotive testing, radar operations and maintenance, aerial cable operations, warehousing support, data collection, data reduction, project management, aircraft maintenance, and ADP support.
- 7811 Provides for civilian and contractor labor and other support costs at DTC HQ for test planning, safety verification/confirmation function, and HQ DTC test mission management.

Total 144183

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<b><u>B. Program Change Summary</u></b>	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2002 PB)	121532	114411	135614
Appropriated Value	122657	114411	0
Adjustments to Appropriated Value	0	0	0
a. Congressional General Reductions	0	-960	0
b. SBIR/STTR	-1944	0	0
c. Omnibus or Other Above Threshold Reductions	0	0	0
d. Below Threshold Reprogramming	689	0	0
e. Rescissions	-1125	0	0
Adjustments to Budget Years Since FY2002 PB	0	0	8569
Current Budget Submit (FY 2003 PB)	120277	113451	144183

Change Summary Explanation: Funding increase in FY 2003 implements legislative change directing each agency to pay the full Government share of the accruing retirement costs of current Civil Service Retirement System (CSRS) employees and the accruing health care costs of all future Federal retirees.