

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)	February 2006
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BUDGET ACTIVITY 6 - Management support	PE NUMBER AND TITLE 0605601A - ARMY TEST RANGES AND FACILITIES
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COST (In Thousands)	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate
Total Program Element (PE) Cost	188226	364007	389840	376413	361966	359527	344050
F30 ARMY TEST RANGES & FACILITIES	181519	364007	389840	376413	361966	359527	344050
F38 BIG CROW SUPPORT	6707	0	0	0	0	0	0

A. Mission Description and Budget Item Justification: This program element (PE) provides the institutional funding required to operate the developmental test activities required by Department of Defense (DoD), Department of the Army (DA) weapon system developers and Research, Development, and Engineering Centers. This funding does not pay for program specific test costs. All functions and resources associated with this PE are managed by the U.S. Army Developmental Test Command (DTC), a subordinate command of the Army Test and Evaluation Command (ATEC). This PE provides resources to operate four Army Major Range and Test Facility Bases (MRTFB):

- White Sands Missile Range (WSMR), NM
- Electronic Proving Ground (EPG), Fort Huachuca, AZ
- Aberdeen Test Center (ATC), Aberdeen Proving Ground (APG), MD
- Yuma Proving Ground (YPG), AZ (to include management of Army natural environmental testing at Cold Regions Test Center, Fort Greely and Fort Wainwright, AK, and Tropic Regions Test Center at Schofield Barracks, HI).

This PE also provides the resources to operate the Army's developmental test capability at: Aviation Technical Test Center, Fort Rucker, AL; and Redstone Technical Test Center, Redstone Arsenal, AL. It also provides the resources for test planning and safety verification/confirmation at Headquarters, DTC located at APG, MD. Developmental test capabilities at the test ranges 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.

This PE finances test range operating costs not appropriately billed to test customers, replacement of test equipment, and test revitalization/upgrade projects to maintain current testing capabilities and improvements to safety, environmental protection, efficiency of test operations, and technological advances. This PE does not finance costs directly identified to a user of these ranges. Direct costs are borne by materiel developers in accordance with DoD Directive 3200.11 and DoD Financial Management Regulation 7000.14R. This PE sustains the developmental T&E capability required to support all elements of Army Transformation, as well as Joint Service or Other Service systems, hardware, and technologies.

Increased funding, beginning in FY 2006 reflects the Army leadership actions to comply with the Bob Stump National Defense Authorization Act (NDAA) for FY 2003 (Public Law 107-314 - December 2002). In accordance with the NDAA, Sec. 232, "The Secretary of Defense shall establish the objective of ensuring that, by FY 2006 - ...the institutional and overhead costs of a facility or resource of a military department or Defense Agency that is within the Major Range and Test Facility Base are fully funded...The term 'institutional and overhead costs' means the costs of maintaining, operating, upgrading, and modernizing the facility or resource...and does not include any incremental cost of operating a facility or resource that is attributable to the use of the facility or resource for testing under a particular program."

The PE also includes funding for the Big Crow Program Office to sustain test and evaluation capabilities to support essential testing in electronic warfare, electronic countermeasures, electronic warfare equipment, missiles and other small object tracking, and telemetry.

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BUDGET ACTIVITY

6 - Management support

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<u>B. Program Change Summary</u>	FY 2005	FY 2006	FY 2007
Previous President's Budget (FY 2006)	191688	369943	390035
Current BES/President's Budget (FY 2007)	188226	364007	389840
Total Adjustments	-3462	-5936	-195
Congressional Program Reductions		-2243	
Congressional Rescissions		-3693	
Congressional Increases			
Reprogrammings	-3462		
SBIR/STTR Transfer			
Adjustments to Budget Years			-195

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BUDGET ACTIVITY 6 - Management support			PE NUMBER AND TITLE 0605601A - ARMY TEST RANGES AND FACILITIES			PROJECT F30	
COST (In Thousands)	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate
F30 ARMY TEST RANGES & FACILITIES	181519	364007	389840	376413	361966	359527	344050
<p>A. Mission Description and Budget Item Justification: Funding, beginning in FY 2006, reflects realignment to comply with Section 232 of the FY2003 National Defense Authorization Act (NDAA) requiring Major Range and Test Facility Bases (MRTFBs) to be fully funded and that DoD test customers be charged for direct cost only. The new law precludes the MRTFBs from charging customers for efforts not directly identifiable to a specific program. Funding was realigned from the Army Program Executive Officers/Program Managers and non-Army DoD customers to this program element.</p> <p>This project also funds the indirect test costs associated with rapidly testing field systems and equipment needed in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) such as Individual soldier protection equipment and Counter Measures for Improvised Explosive Devices (IEDs)/Rocket Propelled Grenades (RPGs). This project sustains the developmental T&E capability required to support all elements of Army transformation as well as Joint Service or Other Service systems, hardware, and technologies. Unclassified systems scheduled for developmental testing encompass the entire spectrum of transformation weapons systems such as: Unattended Ground Sensors, Non-Line-of-Sight Launch System, Intelligent Munitions System, Non-Line-of-Sight Cannon, Warfighter Information Network-Tactical, Combat Identification, Integrated Computer System and Apache Block III. Capabilities are also required to support System-of-Systems testing.</p> <p>This project provides the institutional funding required to operate the developmental test activities required by Department of Defense (DoD) Program Executive Officers, Program and Product Managers, and Research, Development, and Engineering Centers. This project provides resources to operate four DoD Major Range and Test Facility Bases (MRTFBs): White Sands Missile Range (WSMR), NM; Aberdeen Test Center (ATC), Aberdeen Proving Ground (APG), MD; Electronic Proving Ground (EPG), Fort Huachuca, AZ, and Yuma Proving Ground (YPG), AZ (to include management of Army natural environmental testing at Cold Regions Test Center, Fort Greely and Fort Wainwright, AK, and Tropic Regions Test Center at various locations). This project also funds the Army's developmental test capability at Aviation Technical Test Center (ATTC), Fort Rucker, AL, and Redstone Technical Test Center (RTTC), Redstone Arsenal, AL. Test planning and safety verification at Headquarters, U.S. Army Developmental Test Command (DTC) APG, MD is also supported by this program element.</p> <p>This project finances overhead test operating cost not appropriately billed to test customers, replacement of test equipment, and test revitalization/upgrade projects to maintain current testing capabilities and improvements to safety, environmental protection, efficiency of test operations, and technological advances. The developmental test capabilities at these test ranges 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.</p> <p>Direct costs are borne by materiel developers in accordance with DoD Directive 3200.11 and DoD Financial Management Regulation 7000.14R.</p>							
<u>Accomplishments/Planned Program</u>				<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	
Mission Support. Funds support test equipment upgrade and maintenance; test facility maintenance; routine calibration; handling and disposal of hazardous materials, transportation, postage, administrative supplies; tools; software; spare parts; test support vehicle maintenance; mission unique installation costs; temporary duty/training of civilian and contractor personnel; printing and reproduction;				27872	104792	119490	

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utilities; communications; land leases; and range road maintenance not billable in accordance with NDAA. Effective beginning in FY 06, funding supports indirect cost previously paid by the customer for which funding was realigned, as approved by Assistant Secretary of the Army for Acquisition, Logistics and Technology and validated by Deputy Assistant Secretary of the Army for Cost and Economics, from the Army PEO/PMs and non-Army DOD customers.			
T&E Civilian Pay. This funding supports the overhead costs of the civilian labor for Program Budget Guidance (PBG) authorizations in accordance with NDAA. The balance is customer funded. The test customer pays all direct costs that are directly attributable to the use of a test facility or resource for testing of a particular program. Funding is essential to maintain core T&E skills as part of the Government civilian workforce.	101802	137559	144551
Contractor Pay. This funding supports contractor labor costs not appropriately billable to the customer in accordance with NDAA. Contract labor is essential to augment core civilian T&E personnel. Functions performed include range operations, automotive test support, radar maintenance, aerial cable support operations, warehousing support, project management, maintenance of support fleet aircraft, recurring/general maintenance to test facilities and instrumentation, and automatic data processing support. Effective beginning in FY06, funding supports contractor efforts related to mission support. These cost were previously paid for by the customer prior to implementation of the FY2003 National Defense Authorization Act.	28065	111656	115799
Revitalization/Upgrade of test infrastructure and facilities. Beginning in FY06 MRTFBs must use institutional funding to create or upgrade capabilities that will support multiple customers. In FY05, funded projects included the Test Support Network at Electronic Proving Ground that supports Stryker, Army Battle Command System and Warfighter Information Network; modernization of refrigeration and control systems of fixed and mobile environment conditioning equipment; mobile radio capabilities; and a power upgrade for communications facilities. For FY 2006 through FY 2007 funds will provide the capability to support the Army Transformation test and evaluation program through such projects as: upgrading test facilities to support live fire and armor testing.	10155	10000	10000
Phase 1: National Counter Terrorism Counter-Insurgency Test & Evaluation Center. The Joint Experimentation Range Complex (JERC) provides test and training capabilities geared towards technical and operational characterization of systems and technologies required to support ongoing war efforts. It provides urban/rural terrain sites replicating the current operational theater and addresses the need for a range for long-term testing of technologies and systems proposed to detect, defeat, and neutralize Improvised Explosive devices (IEDs).	4625	0	0
Cold Regions Test Activity (CRTC) Congressional increase. Funds are designated for CRTC Hybrid electric infrastructure.	9000	0	0
Total	181519	364007	389840