

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

February 2002

BUDGET ACTIVITY  
**6 - Management support**

PE NUMBER AND TITLE  
**0605712A - Support of Operational Testing**

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
Total Program Element (PE) Cost	68382	90790	99375	99709	102507	131581	134560	Continuing	Continuing
001 ATEC IOTE	18500	36319	30269	31573	32839	62570	63681	Continuing	Continuing
987 ATEC INSTRUMENTATION MODERNIZATION & DEVELOPMENT	5938	7477	0	0	0	0	0	0	44693
V02 ATEC ACTIVITIES	43944	46994	69106	68136	69668	69011	70879	Continuing	Continuing

**A. Mission Description and Budget Item Justification:** The US Army Test and Evaluation Command (ATEC) consists of three subordinate commands: the Army Evaluation Center (AEC), the Operational Test Command (OTC), and the Developmental Test Command (DTC). This program element finances the operational test and evaluation of developmental materiel systems to include support to the Army Transformation. Project 001 provides for direct operational testing and evaluation on major and non-major materiel systems (ACAT II-IV), including Multi-Service and Joint tests. Excludes funding for Acquisition Category I (ACAT I) major weapons with an Army Program Manager and ACAT IA, Automated Information Systems, which have funding programmed within their own developmental PEs. Project 987 provides for development and acquisition of non-major and sustaining instrumentation necessary to attain and maintain the data collection and analysis capability to conduct credible and robust operational tests as demanded by the DoD and Congress. It provides for replacement and improvements of existing obsolete inventory and for the development of new technologies to keep abreast of new weapons advancements. Project V02 provides for the recurring costs of operating the test activities of the U.S. Army Operational Test Command and similar support across the Command.

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

**February 2002**

**BUDGET ACTIVITY**  
**6 - Management support**

**PE NUMBER AND TITLE**  
**0605712A - Support of Operational Testing**

<u><b>B. Program Change Summary</b></u>	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2002 PB)	68149	89047	86953
Appropriated Value	68779	91547	0
Adjustments to Appropriated Value	0	0	0
a. Congressional General Reductions	0	-757	0
b. SBIR / STTR	-1059	0	0
c. Omnibus or Other Above Threshold Reductions	0	0	0
d. Below Threshold Reprogramming	1291	0	0
e. Rescissions	-629	0	0
Adjustments to Budget Years Since FY2002 PB	0	0	12422
Current Budget Submit (FY 2003 PB )	68382	90790	99375

Change Summary Explanation: Funding: FY 2003 - Funds realigned in support of continued testing and evaluation (+15841). Funds realigned from project 987 to 0605602A, Army Technical Test Instrumentation and Targets, in order to provide greater visibility of the development of operational testing instrumentation and modeling and simulation efforts (-8279). Funding increase (+4860) 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.

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

February 2002

BUDGET ACTIVITY <b>6 - Management support</b>				PE NUMBER AND TITLE <b>0605712A - Support of Operational Testing</b>				PROJECT <b>001</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
001 ATEC IOTE	18500	36319	30269	31573	32839	62570	63681	Continuing	Continuing

**A. Mission Description and Budget Item Justification:** This project finances the direct costs of planning and conducting operational testing and evaluations on major and non-major materiel systems (ACAT II-IV). This project also includes Multi-Service systems (ACAT II-IV and ACAT I without an Army Program Manager) and Joint Tests (JT). It funds those costs directly attributable to conducting Early User Tests and Evaluations (EUTE), Limited User Tests and Evaluations (LUTE), or Initial Operational Tests and Evaluations (IOTE). Operational testing is conducted using typical user troops trained to operate the system. Test conditions are as close as possible to actual combat or operating circumstances. ATEC provides Army leadership with an independent test and evaluation of effectiveness, suitability, and survivability of the system.

**FY 2001 Accomplishments:**

Tests include: Suite of Integrated Radio Frequency Countermeasures (SIRFC), Joint Warfighter (JWF), Battlefield Combat Identification System (BCIS), Advanced Field Artillery Tactical Data System (AFATDS 99) - LUTE, Combat Identification for the Dismounted Soldier (CIDDS) - IOTE, Upgraded M270A1 Multiple Launch Rocket System, and Tactical Unmanned Aerial Vehicle (TUAV).

- 6264 Intelligence and Electronic Warfare operational testing and evaluation.
- 3636 Fire Support operational testing and evaluation.
- 3031 Close Combat operational testing and evaluation.
- 2714 Joint Tests operational testing and evaluation.
- 1815 Aviation operational testing and evaluation.
- 1040 Engineer/combat support operational testing and evaluation.

Total 18500

**ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)****February 2002**BUDGET ACTIVITY  
**6 - Management support**PE NUMBER AND TITLE  
**0605712A - Support of Operational Testing**PROJECT  
**001****FY 2002 Planned Program**

- 3263 Fire Support operational testing and evaluation.
- 1877 Air Defense Artillery operational testing and evaluation.
- 3478 Aviation operational testing and evaluation.
- 11133 Intelligence and Electronic Warfare operational testing and evaluation.
- 7773 Joint Tests operational testing and evaluation.
- 7820 Engineer/combat support operational testing.
- 975 Close Combat operational testing and evaluation.

Total 36319

**FY 2003 Planned Program**

- 2172 Close Combat operational testing and evaluation.
- 11066 Fire Support operational testing and evaluation.
- 3836 Intelligence and Electronic Warfare operational testing and evaluation.
- 6740 Command, Control, Communications and Computer operational testing and evaluation.
- 1139 Joint Test operational testing and evaluation.
- 895 Engineer/combat support operational testing and evaluation.
- 3211 Air Defense Artillery operational testing and evaluation.
- 579 Aviation operational testing and evaluation.
- 631 Airborne and Special Operations operational testing and evaluation.

Total 30269

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

February 2002

<b>BUDGET ACTIVITY</b> <b>6 - Management support</b>		<b>PE NUMBER AND TITLE</b> <b>0605712A - Support of Operational Testing</b>					<b>PROJECT</b> <b>V02</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	
V02 ATEC ACTIVITIES	43944	46994	69106	68136	69668	69011	70879	Continuing	Continuing	

**A. Mission Description and Budget Item Justification:** This project finances base costs associated with operational testing, including civilian pay, support contracts, temporary duty, supplies and equipment for subordinate elements of the US Army Test and Evaluation Command (ATEC). This project funds the Operational Test Command's Airborne and Special Operations Test Directorate, Fort Bragg, NC; Air Defense Test Directorate, Fort Bliss, TX; Fire Support Test Directorate, Fort Sill, OK; and the Intelligence and Electronic Warfare Test Directorate, Fort Huachuca, AZ, and test and support directorates located at Fort Hood, TX (Aviation; Close Combat; Engineer/Combat Support; Command, Control, Communications and Computers; Advanced Concepts and Test and Evaluation Support Activity). The primary mission of these test directorates is to conduct operational testing of developmental materiel, Initial Operational Test and Evaluation (IOTE), Follow-on Test and Evaluations (FOTE), Force Development Test and Experimentation (FDTE), and Army Warfighting Experiments (AWE). This project also finances requirements for various Test and Evaluation Liaison Offices located at Fort Benning, Fort Knox, Fort Leonard Wood, Fort Lee, Fort Gordon, Fort Rucker and the Operational Test Command liaison office for the Initial Brigade Combat Team (IBCT) at Fort Lewis. In addition, this project funds ATEC Threat Support Activity (ATSA) located at Fort Bliss, TX.

Program increase starting in FY 2003 is due to transfer of personnel and dollars with mission from Operations and Maintenance, Army to RDTE.

**FY 2001 Accomplishments:**

- 27045 Operational costs including: civilian pay, support contracts, temporary duty, supplies and equipment for subordinate elements of the Operational Test Command of the Army Test and Evaluation Command. A total of 313 civilian authorizations are supported.
- 16899 Other operational costs including: civilian pay, support contracts, temporary duty, supplies and equipment for the Liaison Officers, ATEC Threat Support Activity (ATSA) and subordinate commands. A total of 23 civilian authorizations are supported.

Total 43944

**ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)****February 2002**

BUDGET ACTIVITY

**6 - Management support**

PE NUMBER AND TITLE

**0605712A - Support of Operational Testing**

PROJECT

**V02****FY 2002 Planned Program**

- 31947 Operational costs including: civilian pay, support contracts, temporary duty, supplies and equipment for subordinate elements of the Operational Test Command. A total of 316 civilian authorizations are supported.
- 15047 Other operational costs including: civilian pay, support contracts, temporary duty, supplies and equipment for the Liaison Officers, ATEC Threat Support Activity (ATSA) and subordinate commands. A total of 20 civilian authorizations are supported.

Total 46994

**FY 2003 Planned Program**

- 45621 Operational costs including: civilian pay, support contracts, temporary duty, supplies and equipment for subordinate elements of the Operational Test Command. A total of 416 civilian authorizations are supported.
- 23485 Other operational costs including: civilian pay, support contracts, temporary duty, supplies and equipment for the Liaison Officers, ATEC Threat Support Activity (ATSA) and subordinate commands. A total of 43 civilian authorizations are supported.

Total 69106