

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

February 2002

BUDGET ACTIVITY 6 - Management support	PE NUMBER AND TITLE 0605716A - Army Evaluation Center						PROJECT 302		
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
302 ARMY EVALUATION CENTER	25855	44611	43950	49052	50119	49770	60321	Continuing	Continuing

A. Mission Description and Budget Item Justification: Project 302 funds the Army Evaluation Center (AEC), which falls under the Army Test and Evaluation Command (ATEC), mission of evaluation and test design. AEC is the Army's independent evaluator for both technical and operational tests of developmental systems for all Army acquisition programs. AEC provides integrated technical and operational evaluations, and life-cycle Continuous Evaluation (CE) of assigned Major Defense Acquisition Programs (MDAP), Major Automated Information Systems, and In-Process Review (IPR) programs for major milestone decisions, materiel changes, and materiel releases in support of the Army Acquisition Executive and force development. AEC develops the evaluation strategy, designs technical and operational tests, and evaluates the test results to address the effectiveness, suitability, and survivability factors pertinent to the decision process, such as: Critical Operational Issues and Criteria (COIC), system performance, soldier survivability, performance in countermeasures, system survivability, reliability, supportability, etc. AEC has the lead in planning and execution of Army Live Fire Tests and Continuous Evaluations through its evaluation and test design responsibilities. This project funds the salaries of civilian employees assigned to the evaluation and test design missions and associated costs including temporary duty, support contracts, supplies and equipment. This project does not finance test facility operations, test instrumentation or test equipment.

FY 2001 Accomplishments:

- 25855 Provided integrated technical and operational evaluations and continuous evaluation of assigned MDAPs, major automated information systems, and IPR programs for major milestone decisions, materiel changes, and materiel releases in support of the Army Acquisition Executive and force development. Developed the evaluation strategy, designed technical and operational tests, and evaluated the test results to address the effectiveness, suitability, and survivability factors pertinent to the decision process on systems such as the Brigade Combat Team (BCT), Comanche, UH-60M Blackhawk Helicopter, Division Capstone Exercise (DCX), Advanced Field Artillery Tactical Data System (AFATDS), Guardrail, Tactical Unmanned Aerial Vehicle (TUAV), Prophet, Bradley Fire Support Team (FIST), Crusader, C-17, Transportation Coordinator's Automated Information for Movement System II (TCAIMS), ATACMS Block II/BAT, the Armored Security Vehicle, Warfighter Simulation (WARSIM), Firefinder Q-47, and the Interim Armored Vehicle (IAV). As the Army lead for Live Fire Test and Evaluation, planned and executed the Army Live Fire Test and Evaluation program for developmental systems such as the Brigade Combat Team (BCT), the M1A2 SEP, Crew Protection Kits, Objective Individual Combat Weapon (OICW), Objective Crew Served Weapon (OCSW), Fire Control System (FCS) and the Line of Sight Anti-Tank (LOSAT). Prepared integrated System Evaluation Plans and conducted integrated technical and operational evaluations for all Army weapon systems. Includes costs for 171 civilian authorizations.

Total 25855

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

February 2002

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

6 - Management support

0605716A - Army Evaluation Center

302

FY 2002 Planned Program

- 44611 Provide integrated technical and operational evaluations and continuous evaluation of assigned MDAPs, and IPR programs for major milestones decisions, materiel changes, and materiel releases in support of the Army Acquisition Executive and force development. Develop the evaluation strategy, design technical and operational test, and evaluate the test results to address the effectiveness, suitability, and survivability factors pertinent to the decision process on systems such as the Crusader, Comanche, Tactical Unmanned Aerial Vehicle (TUAV), Brigade Combat Team (BCT), ASAS Block III LUTE, Combat Survivor Evader Locator (CSEL), STARSTREAK, Anti-Personnel Landmine Alternative (APLA), C-130J Airdrop Qualification, C-17 Aircraft, CBA-PLUS, Countermine Capability Set (CMCS) Group B-1 Hercules, High Mobility Multipurpose Wheeled Vehicle (HMMWV A4), SENTINEL, Joint Tactical Ground Station Multi-Mission Mobile Processor (JTAGS/M3P), Helicopter Launched Fire and Forget Missile System (HELLFIRE), Suite of Integrated Infrared Countermeasures (SIIRCM), Suite of Integrated Radio Frequency Countermeasures (SIRFC), and the Firefinder Q-47. As the Army lead for Live Fire Test and Evaluation, plan and execute the Army Live Fire Test and Evaluation program for developmental systems such as the Crusader, MH60K Special Operations Aircraft (SOA). Prepare integrated System Evaluation Plans and conduct integrated technical and operational evaluations for all Army weapons systems. Includes cost for 171 authorizations.

Total 44611

FY 2003 Planned Program

- 43950 Provide integrated technical and operational evaluations and continuous evaluation of assigned MDAPs, major automated information systems, and IPR programs for major milestone decisions, materiel changes, and materiel releases in support of the Army Acquisition Executive and force development. Develop the evaluation strategy, design technical and operational tests, and evaluate the test results to address the effectiveness, suitability, and survivability factors pertinent to the decision process, such as Crusader, Comanche, Common Ground System (CGS), Tactical Unmanned Aerial Vehicle (TUAV), Blackhawk Helicopter (UH-60M), Combat Survivor Evader Locator (CSEL), Anti-Personnel Landmine Alternative (APLA), NSD-A, Countermine Capability Set (CMCS) Group B-2, Family of Medium Tactical Vehicles (FMTV), Hercules, High Mobility Multipurpose Wheeled Vehicle (HMMWV A4), HMMWV Mounted Advanced Medium Range Air to Air Missile system (HUMRAAM), Helicopter Launched Fire and Forget Missile System (HELLFIRE), Aviation Combined Arms Tactical Trainer (AVCATT-A), Suite of Integrated infrared Countermeasures (SIIRCM), Suite of Integrated Radio Frequency Countermeasures (SIRFC). As the Army lead for Live Fire Test and Evaluation, plan and execute the Army Live Fire Test and Evaluation program for developmental systems such as the Comanche and HELLFIRE. Prepare integrated System Evaluation Plans and conduct integrated technical and operational evaluations for all Army weapon systems. Includes costs for 171 civilian authorizations.

Total 43950

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

February 2002

BUDGET ACTIVITY
6 - Management support

PE NUMBER AND TITLE
0605716A - Army Evaluation Center

PROJECT
302

<u>B. Program Change Summary</u>	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2002 PB)	26095	31365	32073
Appropriated Value	26337	44965	0
Adjustments to Appropriated Value	0	0	0
a. Congressional General Reductions	0	-354	0
b. SBIR / STTR	-400	0	0
c. Omnibus or Other Above Threshold Reductions	0	0	0
d. Below Threshold Reprogramming	159	0	0
e. Rescissions	-241	0	0
Adjustments to Budget Years Since FY2002 PB	0	0	11877
Current Budget Submit (FY 2003 PB)	25855	44611	43950

Change Summary Explanation: Funding - FY 2003: Funds realigned from PE 0605712A to this PE to support transfer of personnel (+3593). Received funds to support continuing evaluation (+7572). Funds were also realigned out of this PE to PE 0604256A in support of upgrades to the XM11S Simulator (-1500). Funding increase (+2122) 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.