

**UNCLASSIFIED**

<b>ARMY RDT&amp;E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)</b>	DATE <b>February 1999</b>
---	------------------------------

<b>BUDGET ACTIVITY</b> <b>6 - Management and Support</b>	<b>PE NUMBER AND TITLE</b> <b>0605716A Army Evaluation Center</b>	<b>PROJECT</b> <b>D302</b>
---	--	-------------------------------

COST ( <i>In Thousands</i> )	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
D302 Army Evaluation Center	0	25313	24255	26362	27330	33340	32889	31977	Continuing	Continuing

**A. Mission Description and Budget Item Justification:** This project is not a new start. Funds were realigned from PE 0605601A Project D699, PE 0605604A Project D734, and PE 0605706A, Project M542 in support of the Army consolidation of the materiel evaluation function under the U.S. Army Operational Test and Evaluation Command (OPTEC). Funding also reflects the realignment of the OPTEC Operational Evaluation Command (OEC), previously funded in the Operations and Maintenance, Army (OMA) appropriation. Project D302 funds the Army Evaluation Center (AEC) mission of evaluation and test design. AEC is the Army's technical and operational evaluator of developmental systems and tests for all Army acquisition programs. AEC provides integrated technical and operational evaluations and continuous evaluation of assigned Major Defense Acquisition Programs (MDAP), Major Automated Information Systems Review Council (MAISRC), 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 a lead role in the planning and execution of the Army live fire tests and 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 1998 Accomplishments:** Funded in PE 0605601A Project D699, PE 0605604A Project D734, and PE 0605706A Project M542.

**FY 1999 Planned Program:**

- 24937 Provide integrated technical and operational evaluations and continuous evaluation of assigned Major Defense Acquisition Programs (MDAPs), Major Automated Information Systems Review Council (MAISRC), 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. 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. As the Army lead for Live Fire Test and Evaluation, plan and execute the Army Live Fire Test and Evaluation program for developmental systems as required, such as Crusader, Multiple Launch Rocket System, Breacher, Heavy Assault Bridge, and the M1A2 Abrams System Enhancement Program. Prepare integrated System Evaluation Plans and conduct integrated technical and operational evaluations for all Army weapon systems. Major efforts include: Forward Area Air Defense (FAAD-C21), Suite of Integrated Infrared Countermeasures (SIIRCM), Advanced Field Artillery Tactical Data System (AFATDS), Crusader, Army Tactical Missile System Block II/Brilliant Anti-armor Tank Pre-Planned Product Improvement (ATACMS BLK II/BAT-P3I), Land Warrior, Heavy Assault Bridge (HAB), All Source Analysis System (ASAS), Battlefield Combat Identification System (BCIS), Bradley Fighting Vehicle System (BFVS-A3), Command and Control Vehicle (C2V), Extended Range – Multiple Launch Rocket System (ER-

**UNCLASSIFIED**

<b>ARMY RDT&amp;E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)</b>		DATE <b>February 1999</b>
BUDGET ACTIVITY <b>6 - Management and Support</b>		PE NUMBER AND TITLE <b>0605716A Army Evaluation Center</b>
		PROJECT <b>D302</b>
<p><b>FY 1999 Planned Program: (continued)</b>                  MLRS), M1A2 Abrams System Enhancement Program (M1A2-SEP), MH-47E Aircraft, Comanche, Tactical Unmanned Aerial Vehicle (TUAV), Force Battle Command Brigade and Below (FBCB2), Warfighters' Simulation 2000 (WARSIM 2000), Joint Stars Command Ground Station (JSTARS CGS) and Suite of Integrated Radio Frequency Countermeasures (SIRFC). Includes costs for 171 civilian authorizations.</p>		
	376	Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) Programs
Total	25313	
<p><b>FY 2000 Planned Program:</b></p> <ul style="list-style-type: none"> <li>24255 Provide integrated technical and operational evaluations and continuous evaluation of assigned Major Defense Acquisition Programs (MDAPs), Major Automated Information Systems Review Council (MAISRC), 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. 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. As the Army lead for Live Fire Test and Evaluation, plan and execute the Army Live Fire Test and Evaluation program for developmental systems as required, such as Crusader, Comanche, CH47 Improved Cargo Helicopter, M829E3, Breacher, and the M1A2 Abrams System Enhancement Program. Prepare integrated System Evaluation Plans and conduct integrated technical and operational evaluations for all Army weapon systems. Major efforts include: Forward Area Air Defense (FAAD-C21), Suite of Integrated Infrared Countermeasures (SIIRCM), Advanced Field Artillery Tactical Data System (AFATDS), Joint Chemical Agent Detector (JCAD), Crusader, Army Tactical Missile System Block II/Brilliant Anti-armor Tank Pre-Planned Product Improvement (ATACMS BLK II/BAT-P3I), Land Warrior, All Source Analysis System (ASAS) Block II, Battlefield Combat Identification System (BCIS), Bradley Fighting Vehicle System (BFVS-A3), Command and Control Vehicle (C2V), Extended Range – Multiple Launch Rocket System (ER-MLRS), M1A2 Abrams System Enhancement Program (M1A2-SEP), MH-47E Aircraft, Comanche, Tactical Unmanned Aerial Vehicle (TUAV), Force XXI Battle Command Brigade and Below (FBCB2), systems modified for the First Digitized Division, Warfighters' Simulation 2000 (WARSIM 2000), Joint Stars Command Ground Station (JSTARS CGS)P3I, and Suite of Integrated Radio Frequency Countermeasures (SIRFC). Effort includes costs for 171 civilian authorizations.</li> </ul>		
Total	24255	
<p><b>FY 2001 Planned Program:</b></p> <ul style="list-style-type: none"> <li>26362 Provide integrated technical and operational evaluations and continuous evaluation of assigned Major Defense Acquisition Programs (MDAPs), Major Automated Information Systems Review Council (MAISRC), 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. 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. As the Army lead for Live Fire Test and Evaluation, plan and execute the Army Live Fire Test and Evaluation program for developmental systems as required, such as Objective Individual Combat Weapon, Light Tactical Vehicle (LTV), Crusader, Comanche, CH47 Improved Cargo Helicopter,</li> </ul>		
<p>Project D302 <span style="float:right">Page 2 of 3 Pages</span> <span style="float:right">Exhibit R-2 (PE 0605716A)</span></p>		

UNCLASSIFIED

<b>ARMY RDT&amp;E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)</b>	DATE <b>February 1999</b>
---	------------------------------

BUDGET ACTIVITY <b>6 - Management and Support</b>	PE NUMBER AND TITLE <b>0605716A Army Evaluation Center</b>	PROJECT <b>D302</b>
--	---	------------------------

**FY 2001 Planned Program: (continued)**

M829E3, and the Breacher. Prepare integrated System Evaluation Plans and conduct integrated technical and operational evaluations for all Army weapon systems. Major efforts include: Firefinder II Radar, Forward Area Air Defense (FAAD-C21), Suite of Integrated Infrared Countermeasures (SIIRCM), Advanced Field Artillery Tactical Data System (AFATDS), Joint Chemical Agent Detection System (JCAD), Crusader, Army Tactical Missile System Block II/ Brilliant Anti-armor Tank Pre-Planned Product Improvement (ATACMS Blk II/BAT-P3I), Land Warrior, All Source Analysis System Remote Work Station (ASAS RWS), Airborne Standoff Minefield Detection System/Unmanned Aerial Vehicle (ASTAMIDS/UAV), Command and Control Vehicle (C2V), Extended Range – Multiple Launch Rocket System (ER-MLRS), MH-47E Aircraft, Comanche, Tactical Unmanned Aerial Vehicle (TUAV), Force XXI Battle Command Brigade and Below (FBCB2), systems modified for the First Digitized Division, Warfighters’ Simulation 2000 (WARSIM 2000), Joint Stars Command Ground Station (JSTARS CGS)P3I, and Suite of Integrated Radio Frequency Countermeasures (SIRFC). Effort includes costs for 171 civilian authorizations.

Total            26362

<b>B. Program Change Summary</b>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
Previous President’s Budget ( <u>FY 1999</u> PB)	0	25526	23992	25745
Appropriated Value	0	25526		
Adjustments to Appropriated Value				
a. Congressional General Reductions		-213		
b. SBIR / STTR				
c. Omnibus or Other Above Threshold Reductions				
d. Below Threshold Reprogramming				
e. Rescissions				
Adjustments to Budget Years Since <u>FY 1999</u> PB			263	617
Current Budget Submit ( <u>FY 2000 / 2001</u> PB)	0	25313	24255	26362

**THIS PAGE INTENTIONALLY LEFT BLANK**