

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

June 2001

BUDGET ACTIVITY 5 - ENG MANUFACTURING DEV			PE NUMBER AND TITLE 0604611A - JAVELIN						PROJECT 499	
COST (In Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
499 JAVELIN (AAWS-M)	1919	485	492	0	0	0	0	0	0	0

A. Mission Description and Budget Item Justification:

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

Javelin is a critical system to the operational design of the Army's Objective Force because it is man-portable, highly reliable, and capable of engaging multiple targets. Javelin enables key aspects of the Army's transformation to a more versatile, deployable, lethal, survivable, and sustainable force. This program continues the development and evolution of the Army's man-portable anti-tank system ensuring effectiveness in support of all three axes of Army Transformation. The Javelin, a replacement for the DRAGON, is a highly reliable, man-portable, fire-and-forget, anti-armor system that provides the individual soldier the capability of defeating multiple types of targets (tanks, APCs, bunkers, helicopter, walls, etc.). The system has a high kill rate against all known armor threats, at extended ranges, under all weather conditions, and in the presence of battlefield obscurants, advanced vehicle camouflage techniques and Active Protection Systems (APS). The system is hardened against countermeasures and does not require extensive training for effective employment. This system includes software improvements to maintain lethality against evolving targets and countermeasures, and increase the robustness of system performance in all environments. This effort includes warhead improvements, Counter Active Protection System (CAPS) improvements, training device improvements, and software development. These improvements provide for Command Launch Unit (CLU) enhancements to include embedded training, integration with Land Warrior and other launch platforms protecting objective force systems. These efforts will ensure Javelin maintains its overmatch capability well into the 21st Century (i.e., 2020). This system supports the Legacy to Objective transition path of the Transformation Campaign Plan (TCP).

FY 2000 Accomplishments

- 1217 CAPS Generation 2.5 Integration & Assembly/Prototype Development (Includes 5 Generation 2.5 Prototypes)
 - 159 Counter Active Protection System (CAPS) Testing
 - 243 Counter Active Protection System (CAPS) Studies
 - 300 Warhead Damage Assessment Tests (Includes 10 Grenades)
- Total 1919

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FY 2001 Planned Program

- 305 Counter Active Protection System/Countermeasures Software
- 165 Warhead Damage Assessment Testing
- 15 Small Business Innovative Research/Small Business Technology Transfer Program

Total 485

FY 2002 Planned Program

- 492 Counter Active Protection System/Countermeasures Software

Total 492

<u>B. Program Change Summary</u>	FY 2000	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2001 PB)	489	490	492	0
Appropriated Value	493	490	0	0
Adjustments to Appropriated Value	0	0	0	0
a. Congressional General Reductions	0	0	0	0
b. SBIR / STTR	-13	0	0	0
c. Omnibus or Other Above Threshold Reduction	-2	0	0	0
d. Below Threshold Reprogramming	1443	0	0	0
e. Recissions	-2	-5	0	0
Adjustments to Budget Years Since FY2001 PB	0	0	0	0
Current Budget Submit (FY 2002/2003 PB)	1919	485	492	0

FY00: Reprogramming to increase CAPS funding to support CAPS Generation 2.5

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C. Other Program Funding Summary	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Compl	Total Cost
Missile Procurement, Army, CC0007, Javelin	344115	318300	414632	0	0	0	0	0	0	0
Missile Procurement, Army, CA0269, Javelin Initial Spares	4479	6554	2356	0	0	0	0	0	0	0

D. Acquisition Strategy: CAPS/Countermeasures software is in the research and development phase and is part of the PEO Tactical Missiles Horizontal Technology Insertion (HTI) initiative. This program has broad application to other tactical missile programs.

E. Schedule Profile	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
CAPS Studies	1-4Q	1-2Q		0	0	0	0	0
CAPS Generation 3 Development	1-4Q	1-4Q	1-4Q	0	0	0	0	0
Warhead Damage Assessment Testing	1Q	2Q		0	0	0	0	0