

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							February 2002					
BUDGET ACTIVITY 5 - Engineering and manufacturing development				PE NUMBER AND TITLE 0604611A - JAVELIN					PROJECT 499			
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
499	JAVELIN (AAWS-M)			471	2825	489	972	968	0	0	0	11640
<u>A. Mission Description and Budget Item Justification:</u> Javelin is a critical system to the operational design of the Army's Objective Force because of its precision strike, man-portability, high reliability, and capability to engage multiple targets (tanks, APCs, bunkers, helicopter, walls, etc). These key system aspects support 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 its effectiveness in support of all three axes of Army Transformation. The Javelin, a replacement for the DRAGON, 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 program provides R&D funding for 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, multi-mission capability improvements, and software development. 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).												
<u>FY 2001 Accomplishments:</u> 306 Continued development of Counter Active Protection System/Countermeasures Software 165 Performed Warhead Damage Assessment Testing Total 471												
<u>FY 2002 Planned Program</u> 292 Continue development of Counter Active Protection System/Countermeasures Software 200 Initiate CAPS Antenna Development 1063 Initiate CAPS technology transfer 286 Perform seeker Trade Study 984 Initiate design efforts to restructure the Guidance Electronics Unit Total 2825												

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FY02 Congressional increase of \$2.5 million for pre-planned product improvement.																																														

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<u>C. Other Program Funding Summary</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>To Compl</u>	<u>Total Cost</u>
Missile Procurement, Army, CC0007, Javelin	318300	411750	250506	186327	148950	18359	120049	12000	3117226
Missile Procurement, Army, CA0269, Javelin Initial Spares	6554	2339	2895	3179	3094	803	0	0	27826
<u>D. Acquisition Strategy:</u> 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.									
<u>E. Schedule Profile</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>		
CAPS Studies	1-2Q	1-2Q							
CAPS Generation 3 Development	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q				
Transition of Jammer Technology		3-4Q	1Q						
Restructure of Guidance Electronics Unit		2-4Q	1Q						
Uncooled Seeker Trade Study		2-3Q							
Warhead Damage Assessment Testing	2Q								