

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)							February 2004					
BUDGET ACTIVITY 5 - System Development and Demonstration				PE NUMBER AND TITLE 0604611A - JAVELIN				PROJECT 499				
COST (In Thousands)				FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
499 JAVELIN (AAWS-M)				467	946	944	0	0	0	0	0	5698
<p>A. Mission Description and Budget Item Justification: The Javelin is a medium-range, manportable, shoulder launched fire and forget anti-armor weapon system. Javelin is a critical system to the operational design of the Army's Future Force because of its precision strike, man-portability, high reliability, and capability to engage multiple targets (tanks, armored personnel carriers, bunkers, helicopters, walls, etc). These key system aspects support the Army's transformation to a more versatile, deployable, lethal, survivable, joint/expeditionary 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 the current Stryker and Future forces. 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 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 Current to Future Force Transition Path of the Tranformation Campaign Plan (TCP).</p>												
Accomplishments/Planned Program								FY 2003	FY 2004	FY 2005		
Continue development of Counter Active Protection System/Countermeasures Software								80	25	25		
Initiate CAPS Antenna Development								40	226	280		
Initiate CAPS technology transfer								40	125	107		
Perform seeker Trade Study/Alternate Guide Modes								0	125	125		
Initiate design efforts to restructure the Guidance Electronics Unit								307	418	407		
Small Business Innovative Research/Small Business Technology Transfer Programs.								0	27	0		
Totals								467	946	944		

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B. Program Change Summary

	FY 2003	FY 2004	FY 2005
Previous President's Budget (FY 2004)	467	956	952
Current Budget (FY 2005 PB)	467	946	944
Total Adjustments	0	-10	-8
Congressional program reductions		-9	
Congressional rescissions			
Congressional increases			
Reprogrammings		-1	
SBIR/STTR Transfer			
Adjustments to Budget Years			-8

C. Other Program Funding Summary

	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Compl	Total Cost
Missile Procurement, Army, CC0007, Javelin	221658	139671	117803	22446	29079	38907	22777	0	1001017
Missile Procurement, Army, CA0269, Javelin Initial Spares	3454	3094	3516	1281	500	501	502	0	15176

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<p><u>D. Acquisition Strategy:</u> Javelin CAPS/Countermeasures is being developed by the Aviation and Missile Research Development and Engineering Center and integrated into the Javelin Missile System as part of a sole source procurement through the Javelin Joint Venture. This effort provides counter active protection interface capability for future/emerging threats. This program is developing technology that can be used in other tactical missile systems within the PEO such as TOW, Joint Common Missile, and NLOS-LS.</p>		