

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							February 2003			
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes				PE NUMBER AND TITLE 0603854A - Artillery Systems - Dem/Val						
COST (In Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	427273	356651	0	0	0	0	0	0	0	1125689
505 ARTILLERY SYSTEMS DEM/VAL	395273	0	0	0	0	0	0	0	0	737038
F47 OBJECTIVE FORCE INDIRECT FIRES	32000	356651	0	0	0	0	0	0	0	388651
<p><b><u>A. Mission Description and Budget Item Justification:</u></b>This program element supported the Crusader Advanced Development Program in FY 2002 and in FY 2003, supported the Objective Force Indirect Fires efforts for Non Line of Sight-Cannon (NLOS-C).</p> <p>In FY04, Project F47 transitioned to the System Development and Demonstration (SDD) Program Element 0604645A, Project F50, Objective Force Indirect Fires.</p> <p>Future combat systems are comprised of a family of advanced, networked air and ground based maneuver, maneuver support, and sustainment systems that will include manned and unmanned platforms...networked via a C4ISR architecture, including networked communications, network operations, sensors, battle command systems, and manned and unmanned reconnaissance and surveillance capabilities that will enable improved situational understanding and operations at a level of synchronization heretofore unachievable.</p> <p>Future combat systems will operate as a system of systems that will network existing systems, systems already under development, and new systems to be developed to meet the needs of the Unit of Action. The network will enable improved intelligence, surveillance, and reconnaissance, battle command, real time sensor-shooter linkages, and increased synergy between echelons and within small units. It will also enable the Unit of Action to connect to the Unit of Employment, joint capabilities, and national assets making these capabilities available to the small units of the Unit of Action.</p> <p>This system supports the Objective Force Transition path of the Transformation Campaign Plan (TCP).</p>										

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<b><u>B. Program Change Summary</u></b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>
Previous President's Budget (FY 2003)	444091	246465	0	0
Current Budget (FY 2004/2005 PB)	427273	356651	0	0
Total Adjustments	-16818	110186	0	0
Congressional program reductions				
Congressional rescissions	-2172	-4543		
Congressional increases		368500		
Reprogrammings	-2473	-2326		
SBIR/STTR Transfer	-12173	-10180		
Adjustments to Budget Years		-241265		

FY02: Adjustments due to SBIR/STTR Transfers and below threshold reprogrammings (Apr 02) from D505 Artillery Systems Dem/Val to D503 Crusader ED for Long Lead Components.

FY03: Adjustment to budget years due to FY03 Amended President's Budget termination of the Crusader Artillery System. Congressional increase of \$368.5M reflects transfer of funding in the Amended PB (\$195.5M) and plus-up (\$173M).