

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)					February 2004			
BUDGET ACTIVITY 6 - Management support		PE NUMBER AND TITLE 0605103A - Rand Arroyo Center				PROJECT 732		
COST (In Thousands)		FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate
732	ARROYO CENTER SPT	21163	22072	20012	19912	21907	22209	23338
<p>A. Mission Description and Budget Item Justification: This program funds the RAND Arroyo Center, the Department of the Army's Federally Funded Research and Development Center (FFRDC) for studies and analysis. The Arroyo Center draws its researchers from RAND's staff of nearly 700 professionals trained in a broad range of disciplines. Most staff members work in RAND's principal locations-Santa Monica, California; Arlington, Virginia; and Pittsburgh, Pennsylvania. The RAND Arroyo Center provides for continuing analytical research across a broad spectrum of issues and concerns, grouped in four major research areas: Strategy, Doctrine, and Resources; Military Logistics; Manpower and Training; and Force Development and Technology. The RAND Arroyo Center research agenda is primarily focused on mid/long-term concerns. Results and analytical findings directly affect senior leadership deliberations on major issues. Arroyo Center research is sponsored by the Chief of Staff, Vice Chief, the Deputy Chiefs of Staff of the Army; the Army Assistant Secretaries; and most of the Army's major commands. The Arroyo Center is provided guidance from the Army through the Arroyo Center Policy Committee (ACPC), which is co-chaired by the Vice Chief of Staff of the Army and the Assistant Secretary of the Army (Acquisition, Logistics and Technology). The ACPC reviews, monitors, and approves the annual Arroyo Center research plan. Each project requires General Officer (or SES equivalent) sponsorship and involvement on a continuing basis. RAND Arroyo provides the Army with a unique multidisciplinary capability for independent analysis. This program supports the Current to Future Force transition path of the Transformation Campaign Plan (TCP).</p>								
<p>Accomplishments/Planned Program</p> <p>Research addressing the war on terrorism, including Army operations in Afghanistan; Army forces for the war on terrorism, including homeland security; technologies for combating terrorism; modeling and simulation for military operations on urbanized terrain; implications and options for the Army of failed states as terrorist sanctuaries; and a comprehensive assessment of expectations, mission, and employment strategy for the Individual Ready Reserve.</p>					FY 2003 3388	FY 2004 0	FY 2005 0	

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<u>Accomplishments/Planned Program A(continued)</u>		FY 2003	FY 2004	FY 2005
Research addressing Army transformation, including human resource implications; the evolution of leader development; the total Army school system; training development for CSS systems; managing the Future Combat Systems acquisition program; a framework for Army program decision-making; an integrated modernization analysis process; organizing and managing the Army S&T community for transformational R&D; Army global posture for the new national security environment; CSS transformation; the USASOC sustainment support structure; identifying readiness and cost drivers or key weapons systems; linking improved AMC logistics processes and inventory to equipment readiness; CSS urban intelligence preparation of the battlespace; rethinking Army structure; support to TRADOC for Army transformational analysis; enhancing the transformed Army's urban operations performance; new approaches to operational-level information fusion and communications analysis; and Future Force bandwidth requirements.		9942	0	0
Research addressing the Army's enduring challenges, including evaluating joint capstone operational concepts; Future Force interoperability and effectiveness analysis; exploring precision-strike operations; assessing the value of Army international activities; integrated multinational sustained operations; assessing the health of the logistics system; creating an integrated logistics business environment; identifying drivers of customer wait time; using Combat Training Center training proficiency data to assess the needs of current and future forces; the college market development and program mix; the roles and limits of outsourcing; and an analytic method to determine the Army's minimum military essential logistics capability.		7833	0	0
Research addressing the implications of current operations: key issues for the Army in Operation Iraqi Freedom, including RC deployment, diversity of land force operations, effectiveness of air-ground interaction, quality of situational awareness, AMEDD operations, and logistical operations.		0	3564	0
Research addressing the Army's transformation to meet near-term and future force challenges, including new challenges and opportunities for SOF; improving SOF support; future manning/rotation requirements; balancing the force mix; new strategies for the Independent Ready Reserve; unit manning; CSS transformation; requirements for stability operations; training strategies for the UA; network sharing and fusion; C4ISR and combat vulnerabilities; organizing S&T for transformation; military utility of UGVs; modeling future force effectiveness; rail gun feasibility assessment; support to TRADOC for wargame design/analysis; integrating future air/ground visions; and predicting enemy's use of land mines.		0	10636	0

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Accomplishments/Planned Program A(continued)

	FY 2003	FY 2004	FY 2005
Research addressing the Army's enduring challenges, including Combat Training Center effectiveness and home station training; college market development; the National Call to Service program; evaluating Army international activities; MFC globalization; Army investment decision making; improving the review of Generating Force activities in the Total Army Analysis; military billets in competitive sourcing; a living architecture approach to information technology investment decisions; synchronizing Army business processes; equipment readiness measurement and drivers; linking AMC processes to increased readiness; analysis of recapitalization program; metrics for supply chain management; and identifying drivers of customer wait time.	0	7216	0
Research addressing the role of transformed ground forces in the national security strategy.	0	0	6297
Research addressing shaping and staffing the force.	0	0	6790
Research addressing reshaping support functions and infrastructure.	0	0	5520
Research addressing exploring technology alternatives.	0	0	1405
Small Business Innovative Research/Small Business Technology Transfer Programs	0	656	0
Totals	21163	22072	20012

B. Program Change Summary

	FY 2003	FY 2004	FY 2005
Previous President's Budget (FY 2004)	21172	22804	23016
Current Budget (FY 2005 PB)	21163	22072	20012
Total Adjustments	-9	-732	-3004
Congressional program reductions		-194	
Congressional rescissions			
Congressional increases			
Reprogrammings	-9	-538	
SBIR/STTR Transfer			
Adjustments to Budget Years			-3004

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<p>Change Summary Explanation: Funding: FY 2005 - Funds realigned to higher priority programs (-3004).</p>		