

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)						February 2006	
BUDGET ACTIVITY <b>6 - Management support</b>			PE NUMBER AND TITLE <b>0605103A - Rand Arroyo Center</b>			PROJECT <b>732</b>	
COST (In Thousands)	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate
732 ARROYO CENTER SPT	21846	23460	20171	21037	21588	22145	22723
<p><b>A. Mission Description and Budget Item Justification:</b> 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.</p>							
<b><u>Accomplishments/Planned Program</u></b>					<b><u>FY 2005</u></b>	<b><u>FY 2006</u></b>	<b><u>FY 2007</u></b>
Research addressing the implications of current operations: key issues for the Army in continuing operations in Afghanistan and Iraq, improving the conduct of stability operations, balancing the force mix, RC recruiting and retention, improving spare parts support in dynamic environments, and improving special operations forces logistics support processes.					3502	0	0
Research addressing the Army's transformation to meet near-term challenges: key issues for the Army, including implications of network-centric insurgencies; support to the unit-focused stability effort; Combat Training Center (CTC) training effectiveness; support to Officer Personnel Management System (OPMS 3); alternative medical force structures; Army Working Capital Fund (AWCF) for an expeditionary Army; integrating APS with the supply chain; and lessons from Stryker support in Iraq.					4545	0	500
Research addressing the Army's transformation to shape the future force: key issues for the Army in laying out long-term alternatives, including future strategic challenges, operational cognition, support to Unified Quest '05, budget implications of current operations; and improving fleet recap planning; improving jointness and interdependence, including improving joint blue force Situational Awareness (SA), training strategies for the Brigade Combat Team-Unit of Action (BCT-UA), and integrating Army requirements and Defense Logistics Agency (DLA) contingency planning; technology for future forces, including future force reconnaissance capabilities, robotics for future forces, fusion architectures for Stability and Support Operations (SASO), architecture options for future forces, behavior -based modeling, and RF Spectrum access; logistics support to future forces, including sustaining simultaneous distributed operations and assessment of Future Combat System (FCS) sustainability requirements; and cooperation with friends and allies, including compatibility with new allies, and Army international affairs activities and force compatibility.					9897	2008	0
Research addressing the Army's enduring challenges: key issues for the Army in shaping and staffing the force, including college market development, National Call to Service program, total recruiter workload, and billet and competitive sourcing; the challenge of improving business processes, including improving the readiness focus of log processes, OPTEMPO cost-factor methodology, and Total Army Analysis (TAA): representing the generating force.					3902	0	0

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)			February 2006	
BUDGET ACTIVITY	PE NUMBER AND TITLE		PROJECT	
6 - Management support	0605103A - Rand Arroyo Center		732	
Research addressing support to current operations: key issues for the Army in continuing military operations in Afghanistan and Iraq; measuring Army effectiveness in the Global War on Terrorism (GWOT); access to soldiers for deployment; strengthening Army recruiting and retention; evaluation of unit-based leader-development programs; adapting Combat Training Center (CTC) training proficiency to demands of the Contemporary Operating Environment (COE); and anticipating adaptive enemies.	0	2500	3569	
Research addressing the Army's transformation to meet near-term challenges: Implementing Army Force Generation (ARFORGEN) for a modular force, including unit-focused stabilization; Units of Action (UAs) and manning the force; training and readiness strategies to support ARFORGEN; and optimizing Combat Service Support (CSS) capabilities. Improving doctrine/organization for Stability and Support Operations/Counterinsurgency (SASO/COIN), including the implications for the Army of irregular warfare; improving doctrine and planning for stability operations; dominating complex terrain; integrating Information Operations (IO) into planning and execution of military operations; and building transitional security capabilities. Managing the tech challenges of transformation, including managing the Future Combat System (FCS) program; recapitalizing Army Battle Command System (ABCS); Optimizing the ground force network; and integrating UAV capabilities into UA networks. Supporting the transforming force, including improving Army repair parts inventories; and supply chain integration with government providers.	0	4958	3783	
Research addressing the Army's transformation to shape the future force: key issues for the Army, including reexamining strategic guidance for the US Army; dealing with nuclear weapons; support to TRADOC war-game; building partner capability for coalition operations; assessing the value of commonality and families of systems; developing a total Condition Based Maintenance (CBM) program; evaluating the state of automated fusion; simulating robotics concepts; and future force vulnerability assessment.	0	9710	8440	
Research addressing the Army's enduring challenges: key issues for the Army in shaping and staffing the force, including assessing effectiveness of a tier-two attrition screen program, and support to Army review of the Officer Personnel Management System (OPMS); and key issues for the Army in supporting the force, including improving depot supply chain management, identifying best Performance Based Logistics (PBL) practices; evaluating the Army's organic technical capabilities, and implementing best purchasing and supply management practices.	0	4284	3879	
Total	21846	23460	20171	

<b>ARMY RDT&amp;E BUDGET ITEM JUSTIFICATION (R2 Exhibit)</b>				<b>February 2006</b>
BUDGET ACTIVITY <b>6 - Management support</b>		PE NUMBER AND TITLE <b>0605103A - Rand Arroyo Center</b>		PROJECT <b>732</b>
<b><u>B. Program Change Summary</u></b>	FY 2005	FY 2006	FY 2007	
Previous President's Budget (FY 2006)	21854	23800	24781	
Current BES/President's Budget (FY 2007)	21846	23460	20171	
Total Adjustments	-8	-340	-4610	
Congressional Program Reductions		-103		
Congressional Rescissions		-237		
Congressional Increases				
Reprogrammings	-8			
SBIR/STTR Transfer				
Adjustments to Budget Years			-4610	
Change Summary Explanation: Funding - FY 2007 funds were realigned to higher priority programs.				