

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)						February 2005				
BUDGET ACTIVITY 6 - Management support			PE NUMBER AND TITLE 0605606A - AIRCRAFT CERTIFICATION				PROJECT 092			
COST (In Thousands)			FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate
092 AIRCRAFT CERTIFICATION			3062	3419	2748	12236	18325	19396	21608	22316
<p><u>A. Mission Description and Budget Item Justification:</u> The Aircraft Certification program is an Army Aviation mission unique to the Aviation and Missile Command that provides for an independent Airworthiness Qualification of all assigned Development and In-Production Army Manned and Unmanned Aircraft systems required per AR 70-62. This program performs all engineering functions (design, analysis, testing, demonstrations and system specification compliance) essential for certifying the airworthiness of assigned Army aircraft, performs safety-of-flight investigations/assessments, evaluates system risks, develops Airworthiness Impact Statements, evaluates and issues Airworthiness Flight Releases, Safety of Flight Messages, Aviation Safety Action Messages to the field, manages/executes the Army's Aeronautical Design Standards (ADS) Program (a continuously evolving process incorporating revisions for each change to the standard design of an aircraft system), manages airworthiness approval of new vendor qualification/testing on fielded aircraft and material changes for all assigned Army aircraft systems, provides airworthiness-engineering support to the Army Aviation Program Executive Office (PEO) and Technology Applications Program Office (TAPO) requirements for major development/modification and any future system/subsystems, and manages the test and evaluation process to support airworthiness qualification of developmental and fielded aircraft systems. This project funds activities required for general research and development support of aircraft qualifications. Current programs requiring Airworthiness Qualification support are TAPO and PEO Aviation Future Force Systems (Apache Longbow, Blackhawk, Chinook) and Aviation Electronics Systems (Aviation Mission Equipment, Aircrew Integrated System, Army Airborne Command and Control System, Advanced Threat Infrared Countermeasures, and Suite of Integrated Radio Frequency Countermeasures).</p>										
<u>Accomplishments/Planned Program</u>						FY 2004	FY 2005	FY 2006	FY 2007	
Manage/execute technical and airworthiness qualification mission for PEO Aviation/force modernization aircraft systems.						1195	1115	1119	6442	
Continue to ensure safety of flight investigations/assessments to include PEO Aviation/force modernization of aircraft systems.						749	668	667	4295	
Manage/execute the Army Aeronautical Design Standards Program.						188	184	146	307	
Provide continuing engineering support for technology upgrades to PEO Aviation/force modernization aircraft systems.						718	700	599	852	
Continue to provide test management capability for PEO Aviation Program/Project/Product Managers.						212	252	217	340	
Explore commercial solutions to the Army's requirement for a new fixed wing cargo aircraft.						0	500	0	0	
Totals						3062	3419	2748	12236	

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092**B. Program Change Summary**

	FY 2005	FY 2006	FY 2007
Previous President's Budget (FY 2005)	3485	2904	12529
Current Budget (FY 2006/2007 PB)	3419	2748	12236
Total Adjustments	-66	-156	-293
Net of Program/Database Changes			
Congressional Program Reductions	-50		
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer	-16		
Adjustments to Budget Years		-156	-293