

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)						February 2006			
BUDGET ACTIVITY 6 - Management support			PE NUMBER AND TITLE 0605606A - AIRCRAFT CERTIFICATION				PROJECT 092		
COST (In Thousands)			FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate
092	AIRCRAFT CERTIFICATION		2920	2709	4580	4691	5002	5723	5970
<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 the independent Airworthiness Qualification of all assigned Development and In-Production Army Manned and Unmanned Aircraft systems required per AR 70-62. The Aircraft Certification Program is essential for ensuring the safe operations of aircraft. This program, when all requirements are fully funded, 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, manages airworthiness approval of new vendor qualification 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 process. This program performs general research and development support of aircraft qualifications and overarching airworthiness projects that involve multiple platforms or airworthiness processes. Current programs requiring Airworthiness Qualification support are TAPO and PEO Aviation Future Force Systems such as Apache, Chinook, and Black Hawk; new systems such as Armed Reconnaissance Helicopter (ARH) and Light Utiliy Helicopter (LUH), and other critical aircraft programs such as Aviation Mission Equipment, Aviation Survivability Equipment, Unmanned Aircraft Systems, and Blue Force Tracker. With the currently budgeted D092 program, a minimal aircraft certification program will be executed. Beginning in FY 07, the effort will be limited to overarching airworthiness projects affecting multiple platforms; development of airworthiness procedures, specifications, and other critical standard design and qualification documents; active participation in airworthiness related tri-service activities (i.e. Joint Logistics Commanders Group); and early airworthiness involvement in Technology Transition projects (i.e. Joint Heavy Lift and OSD initiatives). Platform specific airworthiness certification efforts will be conducted through PEO Aviation funding lines.</p>									
<u>Accomplishments/Planned Program</u>						<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	
Managed/executed technical and airworthiness qualification mission for PEO Aviation/force modernization aircraft systems or multi-system programs. In FY 07, will be limited to multiplatform airworthiness efforts.						1115	990	1580	
Continued to ensure safety of flight investigations/assessments to include PEO Aviation/force modernization of aircraft systems.						668	667	600	
Develop, implement, and maintain Army Aeronautical Design Standards, airworthiness procedures and tools, and overarching Airworthiness qualification documentation.						187	236	1050	
Provided continuing engineering support for technology upgrades to PEO Aviation/force modernization aircraft systems.						700	599	700	
Continued to provide test management capability for PEO Aviation Program/Project/Product Managers.						250	217	250	
Active involvement in tri-service/NATO airworthiness activities (i.e. Joint Logistics Commanders Group).						0	0	400	
Total						2920	2709	4580	

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)				February 2006
BUDGET ACTIVITY 6 - Management support		PE NUMBER AND TITLE 0605606A - AIRCRAFT CERTIFICATION		PROJECT 092
<u>B. Program Change Summary</u>	FY 2005	FY 2006	FY 2007	
Previous President's Budget (FY 2006)	3419	2748	12236	
Current BES/President's Budget (FY 2007)	2920	2709	4580	
Total Adjustments	-499	-39	-7656	
Congressional Program Reductions		-12		
Congressional Rescissions		-27		
Congressional Increases				
Reprogrammings	-499			
SBIR/STTR Transfer				
Adjustments to Budget Years			-7656	
Change Summary Explanation: FY 2007 (\$7.656 Million) Funds were realigned to higher priority requirements.				