

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)

February 2002

BUDGET ACTIVITY 6 - Management support		PE NUMBER AND TITLE 0605606A - AIRCRAFT CERTIFICATION						PROJECT 092	
COST (In Thousands)	FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
092 AIRCRAFT CERTIFICATION	3140	3552	4062	3906	4030	3994	4107	Continuing	Continuing

A. Mission Description and Budget Item Justification: This program performs all engineering functions essential for certifying the airworthiness of assigned Army aircraft. Performs safety-of-flight investigations/assessments and issues messages to the field. Manages/executes the Army's Aeronautical Design Standards (ADS) Program; ADS is 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 the Army Aviation and Missile Command Program/Project/Product Manager requirements for major development/modification and any future system/subsystems. 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. This system supports the Legacy to Objective transition path of the Transformation Campaign Plan (TCP).

FY 2001 Accomplishments:

- 1016 Managed/executed technical airworthiness (AW) qualification missions for PEO Aviation/force modernization aircraft systems.
- 960 Continued to ensure safety-of-flight (SOF) investigations/assessments to include PEO Aviation/force modernization aircraft systems.
- 159 Managed/executed the Army Aeronautical Design Standards Program.
- 772 Provided continuing engineering support for technology upgrades to PEO Aviation/force modernization aircraft systems.
- 233 Continued to provide test management capability for PEO Aviation Program/Project/Product Managers.

Total 3140

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BUDGET ACTIVITY

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PROJECT

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- 1144 Manage/execute technical and AW qualification mission for PEO Aviation/force modernization aircraft systems.
- 1131 Continue to ensure SOF investigations/assessments to include PEO Aviation/force modernization aircraft systems.
- 175 Manage/execute the Army Aeronautical Design Standards Program.
- 852 Provide continuing engineering support for technology upgrades to PEO Aviation/force modernization aircraft systems.
- 250 Continue to provide test management capability for PEO Aviation Program/Project/Product Mangers.

Total 3552

FY 2003 Planned Program

- 1359 Manage/execute technical and AW qualification missions for PEO Aviation/force modernization aircraft systems.
- 1351 Continue to ensure SOF investigations/assessments to include PEO Aviation/force modernization aircraft systems.
- 191 Manage/execute the Army Aeronautical Design Standards Program.
- 890 Provide continuing engineering support for technology upgrades to PEO Aviation/force modernization aircraft systems.
- 271 Continue to provide test management capability for PEO Aviation Program/Project/Product Managers.

Total 4062

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<u>B. Program Change Summary</u>	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2002 PB)	3171	3582	3714
Appropriated Value	3200	3582	0
Adjustments to Appropriated Value	0	0	0
a. Congressional General Reductions	0	-30	0
b. SBIR / STTR	-31	0	0
c. Omnibus or Other Above Threshold Reductions	0	0	0
d. Below Threshold Reprogramming	0	0	0
e. Rescissions	-29	0	0
Adjustments to Budget Years Since FY2002 PB	0	0	348
Current Budget Submit (FY 2003 PB)	3140	3552	4062