

UNCLASSIFIED

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)								DATE February 1999		
BUDGET ACTIVITY 6 - Management and Support				PE NUMBER AND TITLE 0605606A Aircraft Certification				PROJECT D092		
COST (In Thousands)	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
D092 Aircraft Certification	2734	2893	3021	3169	3519	3709	3605	3751	Continuing	Continuing
<p>A. Mission Description and Budget Item Justification: 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.</p> <p>FY 1998 Accomplishments:</p> <ul style="list-style-type: none"> • 883 Executed technical and airworthiness qualification mission for PEO Aviation force modernization aircraft systems. • 870 Conducted safety-of-flight investigations/assessments to include PEO Aviation force modernization aircraft systems. • 135 Executed the Army Aeronautical Design Standards Program. • 656 Provided continuing engineering support for technology upgrades to PEO Aviation force modernization aircraft systems. • 190 Provided test management capability for PEO Aviation Program/Project/Product Managers. <p>Total 2734</p> <p>FY 1999 Planned Program:</p> <ul style="list-style-type: none"> • 945 Manage/execute technical and airworthiness qualification mission for PEO Aviation force modernization aircraft systems. • 900 Continue to ensure safety-of-flight investigations/assessments to include PEO Aviation force modernization aircraft systems. • 144 Manage/execute the Army Aeronautical Design Standards Program. • 701 Provide continuing engineering support for technology upgrades to PEO Aviation force modernization aircraft systems. • 200 Continue to provide test management capability for PEO Aviation Program/Project/Product Managers. • 3 Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) Programs <p>Total 2893</p> <p>FY 2000 Planned Program:</p> <ul style="list-style-type: none"> • 969 Manage/execute technical and airworthiness qualification mission for PEO Aviation force modernization aircraft systems. • 959 Continue to ensure safety-of-flight investigations/assessments to include PEO Aviation force modernization aircraft systems. 										
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FY 2000 Planned Program: (continued)

- 163 Manage/execute the Army Aeronautical Design Standards Program.
 - 720 Provide continuing engineering support for technology upgrades to PEO Aviation force modernization aircraft systems.
 - 210 Continue to provide test management capability for PEO Aviation Program/Project/Product Managers.
- Total 3021

FY 2001 Planned Program:

- 1053 Manage/execute technical and airworthiness qualification mission for PEO Aviation force modernization aircraft systems.
 - 992 Continue to ensure safety-of-flight investigations/assessments to include PEO Aviation force modernization aircraft systems.
 - 174 Manage/execute the Army Aeronautical Design Standards Program.
 - 730 Provide continuing engineering support for technology upgrades to PEO Aviation force modernization aircraft systems.
 - 220 Continue to provide test management capability for PEO Aviation Program/Project/Product Managers.
- Total 3169

B. Program Change Summary	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
Previous President's Budget (<u>FY 1999 PB</u>)	2828	2924	2935	2976
Appropriated Value	2919	2924		
Adjustments to Appropriated Value				
a. Congressional General Reductions	-91	-31		
b. SBIR / STTR	-71			
c. Omnibus or Other Above Threshold Reductions	-23			
d. Below Threshold Reprogramming				
e. Rescissions				
Adjustments to Budget Years Since <u>FY 1999 PB</u>			+86	+193
Current Budget Submit (<u>FY 2000 / 2001 PB</u>)	2734	2893	3021	3169