

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)								June 2001			
BUDGET ACTIVITY 7 - OPERATIONAL SYSTEMS DEV				PE NUMBER AND TITLE 0305114A - Traffic Control/Approach/Landing System (JPALS)				PROJECT 711			
COST (In Thousands)		FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
711	JPALS	0	775	785	0	0	0	0	0	0	0
<p><u>A. Mission Description and Budget Item Justification:</u></p> <p><u>PLEASE NOTE:</u> This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.</p> <p>The Joint Precision Approach Landing System (JPALS) is a precision approach and landing system providing joint operational capability for U.S. forces assigned to conventional and special operations missions including those operating from fixed base, ship, tactical and austere environments. This effort evaluates alternative approaches for incorporating JPALS into Army aircraft while considering aircraft environment, electrical power, system space, weight, antenna placement and electromagnetic compatibility without nullifying low observable capability requirements. Project in this Program Element supports research efforts in the Architecture and Requirements Definition phase of the modified acquisition life cycle approved by the Defense Acquisition Executive in September of 1998. JPALS supports the Legacy-to-Objective transition path of the Transformation Campaign Plan.</p> <p><u>FY 2001 Planned Program</u></p> <ul style="list-style-type: none"> • 752 Provide system engineering, logistics and technical documentation for JPALS Development effort in preparation for JPALS systems currently under development by the Air Force for use in Army aircraft. • 23 Small Business Innovative Research (SBIR)/Small Business Technology Transfer Program (STTR) <p>Total 775</p> <p><u>FY 2002 Planned Program</u></p> <ul style="list-style-type: none"> • 785 Continue to provide system engineering, logistics and technical documentation for JPALS Development effort. <p>Total 785</p>											

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<u>B. Program Change Summary</u>	FY 2000	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2001 PB)	0	783	781	0
Appropriated Value	0	783	0	0
Adjustments to Appropriated Value	0	0	0	0
a. Congressional General Reductions	0	0	0	0
b. SBIR / STTR	0	0	0	0
c. Omnibus or Other Above Threshold Reductions	0	0	0	0
d. Below Threshold Reprogramming	0	0	0	0
e. Rescissions	0	-8	0	0
Adjustments to Budget Years Since FY2001 PB	0	0	4	0
Current Budget Submit (FY 2002/2003 PB)	0	775	785	0

C. Other Program Funding Summary: JPALS is a joint program with the Air Force (lead service) funding FY99/00: PE 0603860F, Project 644652.

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D. Acquisition Strategy: The acquisition strategy is to support the joint research and development effort leading to production of a joint system.

<u>E. Schedule Profile</u>	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
Supports JPALS efforts		1Q-4Q	1Q-4Q	0	0	0	0	0