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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE February 2002	
APPROPRIATION/BUDGET ACTIVITY RDT&E/Defense Wide/BA 3							R-1 ITEM NOMENCLATURE Advanced Distributed Learning (ADL) PE 0603769D8Z			
COST (<i>In Millions</i>)		FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Cost
Total Program Element (PE) Cost		0.000	0.000	14.000	14.000	14.000	14.000	14.000	Continuing	Continuing
ADL / P769		0.000	0.000	14.000	14.000	14.000	14.000	14.000	Continuing	Continuing

(U) A. Mission Description and Budget Item Justification

(U) BRIEF DESCRIPTION OF ELEMENT

(U) This program supports development of common specifications, guidelines, and software for Advanced Distributed Learning (ADL) as well as proof of principle demonstrations. The Advanced Distributed Learning/Job Performance Technology Initiative makes learning and performance support available anytime, anywhere. The ADL design concept encompasses the following elements: reusability of sharable content objects, tailoring instruction to the learner, interoperability of learning content and management systems, and the ability of content to migrate to different hardware and software applications through the development of consensus standards. Proof of principle demonstrations will provide data on the technical feasibility and the utility of applying the commercial ADL specifications to content, learner interface, and repository applications. The demonstrations will also support assessments of the impact of ADL on human performance and research that evaluates the proof of design concept for advanced distributed learning.

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Total Program Element (PE) Cost	0.000	0.000	14.000	14.000	14.000	14.000	14.000	Continuing	Continuing
ADL/P769	0.000	0.000	14.000	14.000	14.000	14.000	14.000	Continuing	Continuing

(U) **Project Number and Title: P769 ADL**

(U) **PROGRAM ACCOMPLISHMENTS AND PLANS**

(U) **FY 2002 Plans:**

(U) None

(U) **FY 2003 Plans:**

(U) The Advanced Distributed Learning program will conduct research in the following areas: demonstrations of cross-cutting ADL educational technology, experiments to define and establish the science base for distributed learning system acquisitions and key ADL technologies. These technologies include: adaptable and dynamic learning management systems, automated tutors, visual communications and cognitive capabilities. (\$14.000 million)

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(U) <u>B. Program Change Summary</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Total Cost</u>
Previous President's Budget Submit	0.000	0.000	0.000	
Delta	0.000	0.000	14.000	Continuing
FY 2002 President's Budget Submission	0.000	0.000	14.000	Continuing
Appropriated Value	0.000	0.000	0.000	
Adjustments to Appropriated Value				
a. Congressionally Directed Undistributed Reduction	0.000	0.000	0.000	
b. Rescission/Below-threshold Reprogramming, Inflation Adjustment	0.000	0.000	0.000	
c. Other	0.000	0.000	0.000	
Current FY 2003 Budget Submission	0.000	0.000	14.000	Continuing

Change Summary Explanation:

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(U) **Funding:** This is a new start in FY 2003 that provides research in the areas of reusability of shareable content objects, tailoring instruction, interoperability of management systems/learning content and ability to migrate to different hardware and software applications.

(U) **Schedule:** N/A

(U) **Technical**

(U) C. **OTHER PROGRAM FUNDING SUMMARY COST:** N/A

(U) D. **ACQUISITION STRATEGY:** N/A

(U) E. **SCHEDULE PROFILE:** N/A

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