

**UNCLASSIFIED**

**EXHIBIT R-2, FY 2002 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET**

**DATE: June 2001**

**BUDGET ACTIVITY: 5                      PROGRAM ELEMENT: 0603208N**  
**PROGRAM ELEMENT TITLE: Training System Aircraft**

**(U) COST: (Dollars in Thousands)**

<u>Project Number &amp; Title</u>	<u>FY 2000 Actual</u>	<u>FY 2001 Estimate</u>	<u>FY 2002 Estimate</u>	<u>FY 2003 Estimate</u>	<u>FY 2004 Estimate</u>	<u>FY 2005 Estimate</u>	<u>FY2006 Estimate</u>	<u>FY2007 Estimate</u>	<u>To Complete</u>	<u>Total Program</u>
H1150 Joint Primary Aircraft Trainer System	295									
<b>TOTAL</b>	<b>295</b>	<b>0</b>	<b>0</b>							

Quantity of RDT&E Articles: N/A

**(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:**

The Joint Primary Aircraft Training System (JPATS) is an ACAT 1C, non-developmental item (NDI), commercial off-the-shelf (COTS) pilot program initiated to provide a high degree of commonality between the flight training programs of the United States Navy (USN) and United States Air Force (USAF). The JPATS is to replace the T-34 and T-37 for the USN and USAF, respectively. JPATS shall employ a common primary training system, consisting of aircraft, aircrew training devices (simulators, computer-aided instruction terminals, etc.), syllabus, courseware, and logistics support. The JPATS mission will be to train entry-level USN/USAF student pilots and navigators. The training information management system (TIMS) is a major information management system that will be used by the USN/USAF to manage all student administrative and training requirements. TIMS will be procured and installed prior to the first Navy T-6A aircraft. The U.S. Air Force is the executive service. This element funds Navy unique courseware development, a courseware conversion study, and Navy support of development flight test.

**(U) JUSTIFICATION FOR BUDGET ACTIVITY:** This program is funded under ENGINEERING & MANUFACTURING DEVELOPMENT because it encompasses engineering and manufacturing development of new end-items prior to production approval decision.

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(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. FY 2000 ACCOMPLISHMENTS:

(U) (\$205) Completed joint qualification test of aircraft and maintain USN test pilot proficiency.

(U) (\$90) Completed technical analysis and support of development program management activities.

2. FY 2001 PLAN: N/A

3. FY 2002 PLAN: N/A

(U) B. PROGRAM CHANGE SUMMARY

	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>
(U) FY 2001 President's Budget Submit:	310	0	0
(U) Adjustments from FY 2001 President's Budget	-15	0	0
(U) FY 2002 President's Budget Submit:	295	0	0

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CHANGE SUMMARY EXPLANATION:

(U) Funding: The FY2001 decrease of \$15 thousand reflects a decrease of \$7 thousand for a Small Business Innovative Research assessment , a decrease of \$7 thousand for a reprioritization of requirements within the Navy, and a decrease of \$1 thousand for a Congressional Recission.

(U) Schedule: Change to program milestone profile reflects new Acquisition Program Baseline. Change to contract milestone profile corrected anticipated award date of next contract option.

(U) Technical: N/A

(U) C. OTHER PROGRAM FUNDING SUMMARY

<u>Appn</u>	<u>FY 2000 Actual</u>	<u>FY 2001 Budget</u>	<u>FY 2002 Estimate</u>	<u>FY 2003 Estimate</u>	<u>FY 2004 Estimate</u>	<u>FY 2005 Estimate</u>	<u>FY 2006 Estimate</u>	<u>FY2007 Estimate</u>	<u>To Complete</u>
APN-3	55,355	80,625	0						
APN-6	0	0	0						

Related RDT&E: Not applicable.

( ) P.E.

(U) D. ACQUISITION STRATEGY:

JPATS is a joint Air Force/Navy Acquisition 1C program, with the Air Force as executive service. JPATS is also a pilot program for acquisition reform. The contract was competitively awarded as a fixed price incentive fee (FPIF) contract for manufacturing development, plus seven priced production lot options.

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(U) E. SCHEDULE PROFILE

	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>TO COMPLETE</u>
(U) Program Milestones			1Q/02 MS III	
(U) Engineering Milestones				
(U) T&E Milestones	2Q/00 A/C MOT&E			
(U) Contract Milestones				

\*US Air Force manufacturing development/production contract. US Navy begins aircraft buy in Lot 7.

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