

UNCLASSIFIED

EXHIBIT R-2, FY 2001 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET

DATE: February 2000

BUDGET ACTIVITY: 5

PROGRAM ELEMENT: 0603208N

PROGRAM ELEMENT TITLE: Training System Aircraft

(U) COST: (Dollars in Thousands)

<u>Project Number & Title</u>	<u>FY 1999 Actual</u>	<u>FY 2000 Budget</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>To Complete</u>	<u>Total Program</u>
H1150 Joint Primary Aircraft Trainer System	682	310							1270
TOTAL	682	310	0	0	0	0	0	0	1270

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 1999 ACCOMPLISHMENTS:

(U) (\$484) Continued Navy unique courseware development and completed a courseware conversion study.

(U) (\$198) A BTR adding funding for courseware development was received.

2. FY 2000 PLAN:

(U) (\$206) Complete joint qualification test of aircraft and maintain USN test pilot proficiency.

(U) (\$104) Complete technical analysis and support of development program management activities.

3. FY 2001 PLAN: N/A

(U) B. PROGRAM CHANGE SUMMARY

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
(U) FY 2000 President's Budget:	594	311	N/A
(U) Appropriated Value:	595	311	
(U) Adjustments from Pres Budget:	88	-1	
(U) FY 2001 President's Budget Submit	682	310	

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CHANGE SUMMARY EXPLANATION:

(U) Funding: The net increase in FY 1999 of \$88 thousand is for a reduction of \$17 thousand for a SBIR assessment, a reduction of \$90 thousand for a reprioritization of requirements within the Navy, an increase of \$198 thousand for course ware development, and a reduction of \$3 thousand for revised economic assumptions. The decrease of \$1 thousand in FY 2000 is for an Across-the-Board Congressional rescision.

(U) Schedule: The following program milestones changed:

- 1) Milestone III slipped from 2QFY00 to 3QFY00 due to delays in completing flight test and EMD program.
- 2) MOT&E start slipped from 3QFY99 to 2QFY00 due to delays in flight test and aircraft qualification.
- 3) Lot 6 award occurred in 3QFY99 (versus 2QFY99) due to contractor delays in completing exit criteria for option award.

(U) Technical: N/A

(U) C. OTHER PROGRAM FUNDING SUMMARY

Appn	FY 1999 Actual	FY 2000 Budget	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	To Complete	
APN-3	0	55,539	74,372		104,329	99,927	107,539	98,632	1,195,705
APN-6	0	0	0	0	15,307	6,576	5,890	42,933	

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 1999</u>	<u>FY 2000</u>	<u>TO COMPLETE</u>
(U) Program Milestones		3Q/00 MS III	4Q/03 USN IOC
(U) Engineering Milestones	4Q/99 GBTS CDR		
(U) T&E Milestones		2Q/00 A/C MOT&E	
(U) Contract Milestones	3Q/99 LOT 6 AWD*	3Q/00 LOT 7 AWD	2Q/01 LOT 8 AWD

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

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