

UNCLASSIFIED

EXHIBIT R-2, FY 2000 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET

DATE: February 1999

BUDGET ACTIVITY: 5

PROGRAM ELEMENT: 0603208N

PROGRAM ELEMENT TITLE: Training System Aircraft

(U) COST: (Dollars in Thousands)

<u>Project Number & Title</u>	<u>FY 1998 Budget</u>	<u>FY 1999 Estimate</u>	<u>FY 2000 Estimate</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	278	594	311							1,183
TOTAL	278	594	311	0	0	0	0	0	0	1,183

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 U.S. Air Force is the executive service. This element funds Navy unique courseware development and conversion.

(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 1998 ACCOMPLISHMENTS:

(U) (\$278) Began development of Navy unique courseware and graphical user interface (GUI).

2. FY 1999 PLAN:

(U) (\$579) Continue Navy unique courseware development and begin courseware conversion.

(U) (\$15) **Portion of extramural program reserved for Small Business Innovation Research assessment in accordance with 15 USC 638.**

3. FY 2000 PLAN:

(U) (\$311) Complete Navy unique courseware development.

(U) B. PROGRAM CHANGE SUMMARY

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>
(U) FY 1999 President's Budget:	391	595	316
(U) Appropriated Value:	403	595	
(U) Adjustments from Pres Budget:	-113	-1	-5
(U) FY 2000 President's Budget Submit	278	594	311

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CHANGE SUMMARY EXPLANATION:

(U) Funding: The net decrease in FY 1998 of -\$113K reflects a -\$200K BSO realignment, a +\$72K BTR plus-up, a -\$12K SBIR reduction, and a +\$27K OSD adjustment.

In FY 99, the net decrease of -\$1K reflects a balancing adjustment.

In FY 00 the net decrease of -\$5K reflects a -\$1K balancing adjustment and -\$4K inflation adjustment.

(U) Schedule: N/A

(U) Technical: N/A

(U) C. OTHER PROGRAM FUNDING SUMMARY

<u>Appn</u>	<u>FY 1998 Budget</u>	<u>FY 1999 Estimate</u>	<u>FY 2000 Estimate</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>
APN-3	0	0	44,826	82,299	107,090	104,470	111,495	101,737	1,177,550
APN-6	0	0	0	0	0	11,398	2,995	3,422	43,060

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 firm (FPIF) contract for manufacturing development, plus seven priced production lot options.

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(U) E. SCHEDULE PROFILE

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>TO COMPLETE</u>
(U) Program Milestones			2Q MS III	4Q/03 USN IOC
(U) Engineering Milestones		4Q GBTS CDR		
(U) T&E Milestones	3Q A/C OA	3Q A/C MOT&E		
(U) Contract Milestones	2Q LOT 5 AWD*	2Q LOT 6 AWD*	2Q LOT 7 AWD	2Q/01 LOT 8 AWD

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

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