

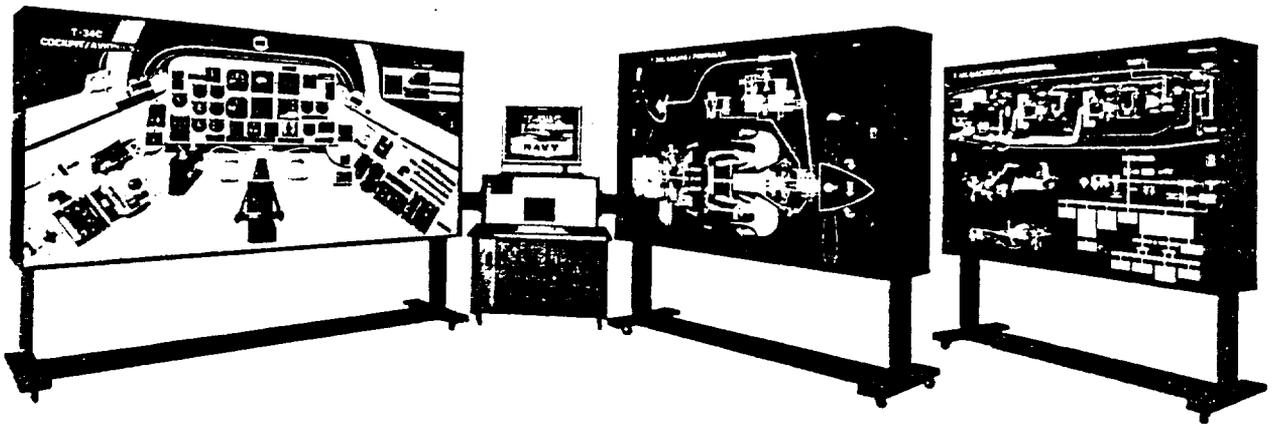
SUMMARY OF
T-34C PILOT FAMILIARIZATION TRAINER (T-34C PFT)

March 1985

Device 2H110

NAVAL TRAINING EQUIPMENT CENTER

ORLANDO, FLORIDA



TRAINING CATEGORY:

To be completed by the Government.

ORIGINATING AGENCY:

To be completed by the Government.

SECURITY CLASSIFICATION OF DEVICE

Device 2H110 is unclassified.

PURPOSE OF DEVICE:

To provide familiarization training for selected systems of the T-34C aircraft.

INTENDED USE:

In Naval Air Station training facilities for classroom training of student pilots.

FUNCTIONAL DESCRIPTION:

Device 2H110 is an EC 3 computer-based training system, providing operational characteristics for simulated T-34C aircraft systems.

The T-34C consists of a simulation control console (SCC) and three display panels. The SCC (device 2H110) consists of an EC 3 computer, video-disc player and monitor, CRT terminal/keyboard, and two diskette drive units. The device also contains three flexible diskettes, visuals, and a manual.

The T-34C PFT uses three unique display panels, which simulate actual systems on the T-34C aircraft. The display panels incorporate active and pictorial components of the systems so that the student becomes familiar with component location and identification, and systems design and operation. Simulated T-34C systems are:

1. Device 2H110/1, T-34C Cockpit/Avionics.
2. Device 2H110/2, T-34C Electrical/Environmental.
3. Device 2H110/3, T-34C Engine/Propeller.

Display panels are connected to the SCC. Device 2H110/1 is connected to the left side of the SCC and either device 2H110/2 or 2H110/3 is connected to the right side of the SCC. When display panels are connected to the SCC and the program loaded, the simulated systems respond to normal operation and system malfunctions similar to the response from the actual T-34C aircraft system.

PHYSICAL INFORMATION:

Number of pieces: Four major.

Sizes: Device 2H110 - 75" high x 29" deep x 46" wide

Device 2H110/1 - 91" high x 30" deep x 120" wide

Device 2H110/2 - 91" high x 30" deep x 84" wide

Device 2H110/3 - 91" high x 30" deep x 84" wide

Weight: Device 2H110 - 350 pounds
Device 2H110/1 - 475 pounds
Device 2H110/2 - 425 pounds
Device 2H110/3 - 350 pounds

EQUIPMENT REQUIRED (NOT SUPPLIED):

None

POWER REQUIREMENTS: 115 volt, 20 amp, single-phase, 60Hz.

PUBLICATIONS FURNISHED:

Technical manual of operation and maintenance instructions, Device 2H110, NAVTRADEV P-6151 (U).

PERSONNEL:

Instructor/Operator: TBD

Trainees: Class of up to 30.

Maintenance: Organizational level.

CONTRACT IDENTIFICATION:

Manufactured by Educational Computer Corporation, Orlando, Florida, under NAVTRAEQUIPCEN Contract No. N61339-84-C-0045.

Reproduction of this publication in whole or in part is permitted for any purpose of the United States Government.