

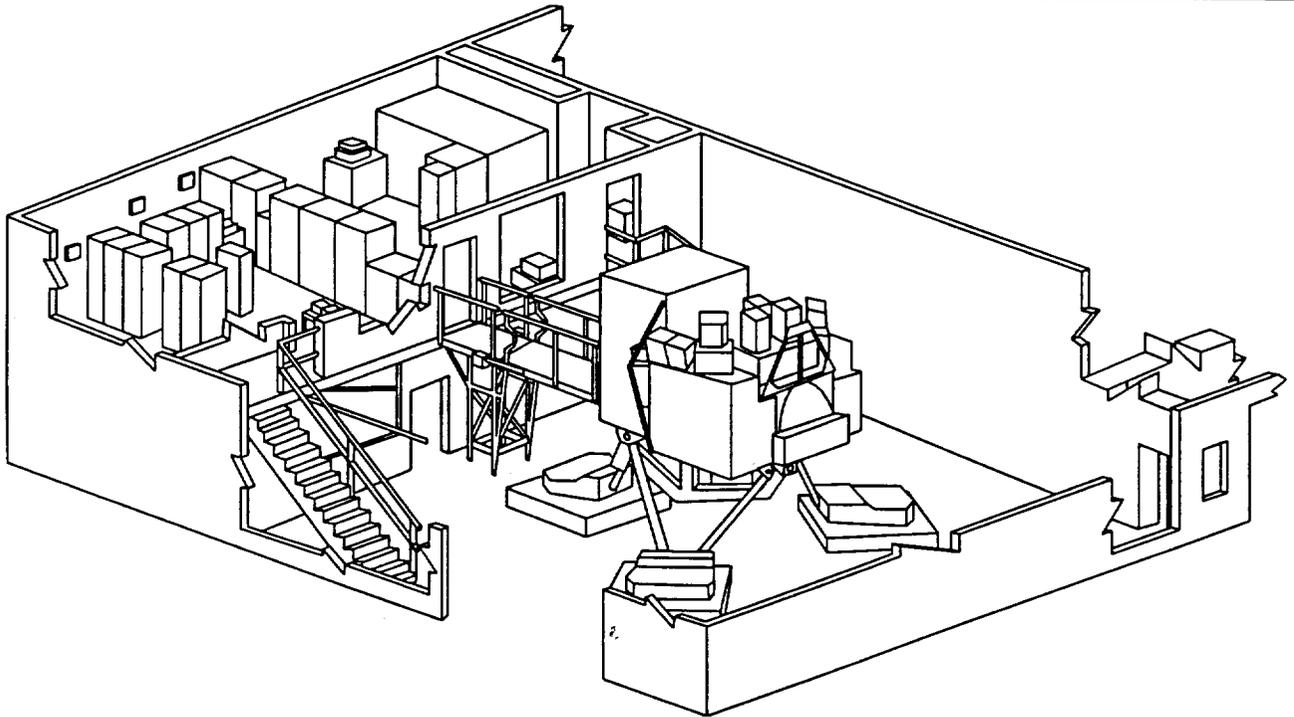
SUMMARY OF
SH-3H HELICOPTER WEAPONS SYSTEM TRAINER (WST)

JANUARY 1996

Device 2F64C

NAVAL AIR WARFARE CENTER
TRAINING SYSTEMS DIVISION

ORLANDO, FLORIDA



TRAINING CATAGORY:

WEAPON SYSTEMS TRAINER

ORIGINATING AGENCY:

NAVTRAEQUIPCEN N-4

**SECURITY CLASSIFICATION OF
DEVICE:**

Device 2F64C is classified Secret.

PURPOSE OF DEVICE:

The Weapon Systems Trainer (WST) provides Flight crew training for the four-man crew of the SH-3H helicopter.

INTENDED USE:

The Weapons System Trainer (WST) provides flight crew training for a four man crew of the SH-3H helicopter. The trainer is designed to provide full crew coordinated training to support and maintain ASW proficiency and operational readiness capabilities.

FUNCTIONAL DESCRIPTION:

Device 2F64C is installed in a multiroom training facility. There is a trainee station, computer room, debriefing room, and a UPS room. The trainer does not provide direct visual contact with the outside world; however, real-time out of the window visual

scenes and simulated information are provided to the cockpit instruments. The trainee station includes a full size replica of the SH-3H crew station. The crew station contains controls, indicators, and cockpit equipment required to perform the simulation.

The WST contains three separate stations from which mode selection and integration commands can be entered. They are the sensor, command and on-board instructor stations.

The instructor operator station (IOS) is the trainer control center. The IOS provides the capability to select, initiate, and record training missions.

PHYSICAL INFORMATION:

Trainee Station Room - 40 feet high x 40 feet wide x 40 feet long.

Computer Room - 10 feet high x 40 feet wide x 25 feet long.

Debriefing Room - 10 feet high x 8 feet wide x 5 feet long.

EQUIPMENT REQUIRED (Not Supplied):

None

POWER REQUIREMENTS:

120/240 VAC, 4 WIRE, 60 Hz, three phase, 550 amperes per phase maximum.

PUBLICATIONS FURNISHED:

Operation and Maintenance Instructions, SH-3H Helicopter WST, Device 2F64C, NAVTRADEV P-4575 (u).

Instructor Utilization Handbook, SH-3H Helicopter WST, Device 2F64C, NAVTRADEV P-4626 (u).

Maintenance Requirement Cards, SH-3H Helicopter WST, Device 2F64C, NAVTRADEV P-4576 (u).

PERSONNEL:

Instructor - One civilian instructor pilot qualified in SH-3H weapons system training and one civilian instructor qualified in SH-3H ASW operations.

Operator - One instructor to assist the pilot instructor.

Trainee - Flight crew with/without ASW personnel.

Maintenance Personnel-Six civilian personnel.

CONTRACT IDENTIFICATION:

Supplied by Enzian Technology, Incorporated, Orlando, Florida, under NAVTRADEV/CEN Contract No. N61339-92-D-0022.

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