



### AMPHIBIOUS TRAINING DEMONSTRATOR, DEVICE 16F1

#### TRAINING CATEGORY:

COMBINED OPERATIONS

#### ORIGINATING AGENCY:

CNET

#### SECURITY CLASSIFICATION:

Device 16F1 is unclassified.

#### FUNCTIONAL DESCRIPTION:

Device 16F1 is a permanently emplaced device housed in a building which includes a theater with a capacity for 300 persons, a projection room, a control room, a training aid room and a large operational area simulating land and sea. The building is located at Little Creek, VA.

It is used for instruction and training of Army, Navy and Marine Corps personnel in the doctrine, tactics and techniques of all phases of amphibious operation, and for critiques and rehearsals of actual and contemplated operations,

including the supporting arms. By providing a large operations area, simulating both land and sea, and a gallery where large numbers can view the operations, as well as see the large projection screen and chart-boards and listen to the comments and instructions over an announcing system, the device materially aids in training.

By providing models of 1061 surface vessels, 170 aircraft, and 144 types of land-based equipments, along with two (2) large, scaled, terrain models on the floor (representing the adjacent coastal water areas), innumerable types of tactical problems involving amphibious assault can be practiced within full view and hearing of a large group of trainees. For showing night time operations, the lighting can be dimmed to any degree, while fluorescent fixtures equipped with black light sources provide ultra-violet light to excite indicators of the models.

There are 72 beach markers for four (4) beaches. They include 24 for obstructions, channels, and LST debarkation points, 16 for flank and center and 32 for unloading points.

## DIRECTORY OF NAVAL TRAINING DEVICES

**ELECTRICAL & MECHANICAL CHARACTERISTICS:****Power Requirements:**

110/120 VAC, 60 cyc ac, Single-Phase

**Terrain Models:**

1. Large scale model of Camp Pendleton area, horizontal scale-1:200, vertical scale 2:1.
2. Small scale model of Camp Pendleton area, horizontal scale-1:5000.

**General Announcing Cabinet Units:**

1. Microphone Mixer Amplifiers
2. Microphone Mixer
3. Microphone Amplifier
4. Control Panel
5. Recorder and Amplifier
6. Power Amplifier

**REFERENCE PUBLICATIONS:**

NAVEXOS P-1409: Maintenance Handbook for Amphibious Assault Teacher and Evaluate, Device 16F1.

**CONTRACT IDENTIFICATION:**

Manufactured by The Austin Company, New York, NY under NAVTRASYSSEN Contract No. NONr 842(00).

**LOCAL STOCK NUMBER:**

6910-LL-C00-0602