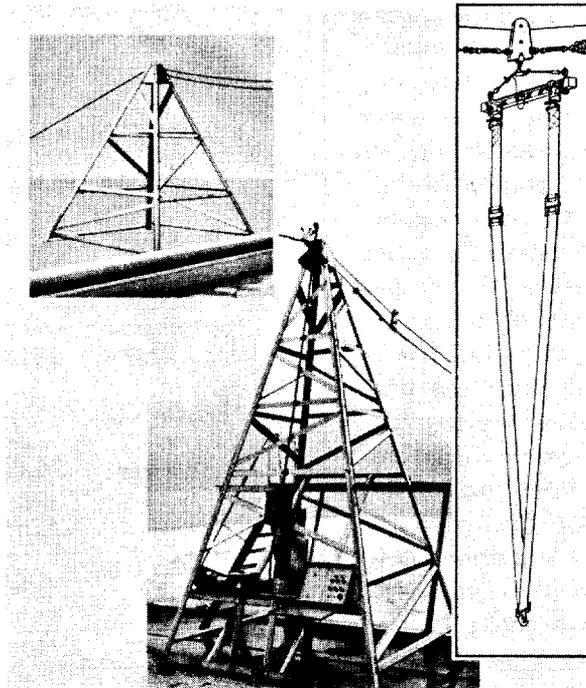


DIRECTORY OF NAVAL TRAINING DEVICES



PARACHUTE IN WATER RELEASE TRAINER, DEVICE 9F2A

TRAINING CATEGORY:

PHYSIOLOGICAL TRAINING (Parachute)

ORIGINATING AGENCY:

DCNO/AIR

SECURITY CLASSIFICATION:

Device 9F2A is unclassified.

INTENDED USE:

For use at either outdoor or indoor swimming pool sites for safety and survival equipment training programs. The device will acquaint pilots and crewmen with problems that may be encountered should they be forced to parachute over water. Use of the device will increase a trainee's knowledge of the fundamentals of maintaining stability in the water and skill in releasing from a parachute harness while being dragged through the water by a wind-blown parachute.

FUNCTIONAL DESCRIPTION:

Device 9F2A consists of a main tower, a wall mounted pulley assembly for indoor pool site, a support tower for outdoor pool site, and a cable run and harness assembly.

The main tower is a 15' pyramid with an 8' square base. The tower is constructed of 2-1/2" aluminum angle. A platform and access ladder is attached to the tower. The rear of the tower contains an operations station at ground level.

The platform for the instructor and trainee is approximately 4' wide and 7' long. It is constructed of a 2-1/2" aluminum angle. The deck of the platform consists of four (4) 2" x 10" wooden planks. The platform is supported by 2-1/2" aluminum angle braces. The platform has a ladder with guide rail attached for access to the platform.

The operator's station at the rear of the tower consists of the drive mechanism and the mechanical and electrical controls for the device.

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The harness assembly consists of the harness carriage assembly, a 3' length of 1/4" stainless steel cable, a 24" long wooden bar, a quick-release harness, an emergency release mechanism, and mounting hardware. The wooden bar is suspended from the harness carriage assembly by the 3' length of cable. Affixed to the wooden bar are two (2) drop hooks. A quick-release harness is attached to the drop hooks. An emergency release bar with a lanyard attached to it is mounted on the wooden bar. By pulling the lanyard the emergency release bar opens the drop hooks thus disconnecting the quick-release harness. The two training configurations used are the standard harness and the integrated torso harness. Either harness may be attached to the quick-release harness. When the trainee is suspended from the device and carried over the water the instructor pulls the lanyard attached to the emergency release bar and the trainee is dropped into the water. This simulates entry into the water without the effect of drag. The other simulation is to pull the trainee off the platform and drag him through the water.

PHYSICAL INFORMATION:

Main Tower

Size: 15' H x 8' W x 8' D

Weight: 750 lbs.

Support Tower

Size: 10' H x 8' W x 8' D

Weight: 250 lbs.

INSTALLATION AREA:

Indoor or outdoor swimming pool.

POWER REQUIREMENTS:

220 VAC 60 Hz., 3-phase.

PUBLICATIONS FURNISHED:

Maintenance Handbook with Parts Catalog for Parachute Harness Release Trainer, Device 9F2A NAVSO P-2917.

PERSONNEL:

Instructors: Three (3), (one (1) at control box, one (1) on platform and one (1) lifeguard)

Trainees: One (1)

Operators: One (1)

CONTRACT IDENTIFICATION:

Naval Training Systems Center, Orlando, FL

LOCAL STOCK NUMBER:

6930-LL-C00-7117