



MOCKUP, JP-5 JET FUEL CENTRIFUGAL PURIFIER, DEVICE 2H126

TRAINING CATEGORY:

AVIATION (Aircraft Fueling Equipment)

ORIGINATING AGENCY:

DCNO/AIR

SECURITY CLASSIFICATION:

Device 2H126 is unclassified.

PURPOSE:

The JP-5 Jet Fuel Centrifugal Purifier is used to remove water and solids from JP-5 aviation fuels. The take-apart 1/2 scale model is for disassembly/reassembly to teach the procedures for operation and maintenance requirements.

INTENDED USE:

In Aviation Boatswain's Mate Fuel School for classroom training of enlisted personnel with varying degrees of proficiency in operation and maintenance of a JP-5 Jet Fuel Centrifugal Purifier used for clean up of JP-5 aviation fuels.

FUNCTIONAL DESCRIPTION:

Device 2H126 is a 1/2 scale take-apart model of the JP-5 Jet Fuel Centrifugal Purifier, DeLaval Model B214AS. The unit is mounted on a table type stand complete with rubber tired casters. The disassembly and reassembly of the model will allow the student to become familiar with operations, maintenance and repair procedures. The model provides a hands on training aid to teach the component make-up, inter-relationship of components and the purifying process of the unit. The half scale model is a replica of DeLaval Model B214AS Centrifugal Purifier, except that it has only 15 discs and excludes the base plate and motor.

DIRECTORY OF NAVAL TRAINING DEVICES

PHYSICAL INFORMATION:

Number of Pieces: One (1) Stand Assembly

Size: 62" High x 34" Deep x
48" Long

Weight: 560 lbs.

PUBLICATIONS FURNISHED:

Operations and Maintenance Guide, Mock-up, JP-5 Jet Fuel Centrifugal Purifier, Device 2H126, NAVTRASYS-CEN, P-5353-7 (U).

PERSONNEL:

Instructor: One (1), Chief or 1st Class PO graduate of Aviation Boatswain's Mate Fuel School with actual experience onboard an aircraft carrier.

Operator: Instructor-Operated.

Trainees: Class of up to 50

Maintenance: One (1) hour per 100 hour utilization. (Approximately every 2 months of use)

CONTRACT IDENTIFICATION:

Manufactured by United Scale Models Southwest, Inc., Houston, TX under NAVTRASYS-CEN, Orlando, FL Contract No. N61339-86-C-0136.

LOCAL STOCK NUMBER:

6910-LL-C00-6846