



PIPING SYSTEM ALIGNMENT/PUMP OPERATION TRAINER MODEL, DEVICE 19A9

TRAINING CATEGORY:

PROPULSION ENGINEERING (Steam Plant)

ORIGINATING AGENCY:

CNET

SECURITY CLASSIFICATION:

Device 19A9 is unclassified.

PURPOSE OF DEVICE:

To provide classroom training of aligning and operating various combinations of pumps, valves and piping systems.

INTENDED USE:

Classroom training aid at propulsion engineering schools for students with varying degrees of proficiency in piping systems alignment and operation.

FUNCTIONAL DESCRIPTION:

Device 19A9 is an accurate 1/5 scale model of the piping system alignment/pump operation trainer located at Engineering Systems School in Great Lakes, IL. Although the model is non-working, it exhibits all associated piping, valves, gauges, pumps and related systems. To supple-

ment the training capabilities offered by the model, a single line piping schematic was provided to identify different components and operations.

PHYSICAL INFORMATION:

Number of Units Supplied: Two (2)

Each unit supplied with individual dust cover and schematic drawing.

Unit Size: 72" W x 108" L x 52" H (legs extended) or 25" H (legs folded)

Unit Weight: 500 lbs. (Model)
25 lbs (Drawing)

PERSONNEL:

Instructor: Civilian Contracted

Operator: Instructor Operated

Trainees: Class of up to 24

CONTRACT IDENTIFICATION:

Manufactured by Allard Inc., Ellsworth, KS under NAVTRASYSCEN Contract No. N61339-83-C-0034.

LOCAL STOCK NUMBER: 6930-LL-C00-6373