

**LAV-25 TURRET TRAINER, DEVICE 17B19****TRAINING CATEGORY:**

GUNNERY

**ORIGINATING AGENCY:**

CMC

**SECURITY CLASSIFICATION:**

Device 17B19 is unclassified.

**PURPOSE OF DEVICE:**

To provide precision gunnery training for the LAV-25 weapons.

**INTENDED USE:**

In School of Infantry training applications the Turret Trainer is used both to teach the LAV gunners and commanders basic operating procedures of the turret system and to train basic, intermediate and advanced precision gunnery skills used in the field.

**FUNCTIONAL DESCRIPTION:**

Device 17B19 is a computer-based precision gunnery training system in which a visual system presents landscapes upon which targets are displayed. The student manipulates the controls in the simulated turret exactly as he would in the operation of the actual turret, locating, engaging and destroying targets. The computer, responding to student and instructor actions, presents a realistic scenario. Student actions are recorded and tabulated enabling the instructor to evaluate student response time, accuracy and overall proficiency.

Device 17B19 consists of two major subassemblies:

An Instructor's Station which operates and controls the trainer, and a Turret Mock-up which is a three-dimensional mock-up of the interior forward section of an LAV-25 turret. The device is supplemented by technical documentation including technical manuals and drawings.

## PHYSICAL INFORMATION:

Instructor Station:

Size: 48" x 72" x 30"

Weight: 450 lbs.

Turret Mock-up Size:

Size: 96" x 66" x 6'6"

Weight: 1,582 lbs.

## EQUIPMENT REQUIRED:

14mm socket with ratchet, 1/2" drive.

1 set T-handle Allen wrenches.

## POWER REQUIREMENTS:

120 volts, AC, 20 AMP.

## PUBLICATIONS FURNISHED:

Technical manual of operation and maintenance instructions, Device 17B19, NTSC P-5603(U), PMS cards NTSC P-5604(U) and Commercial Documents NTSC P-5605-1 thru -6 (U).

## PERSONNEL:

Instructor/Operator: One (1)

Trainees: Class of up to 40, arranged 2 per device.

Maintenance: Intermediate level, one (1) technician as required.

## CONTRACT IDENTIFICATION:

Manufactured by DAEDALEAN, Inc., Woodbine, Maryland, under NAVTRASYSSEN Contract No. N61339-87-C-0036.

## LOCAL STOCK NUMBER:

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