

The Devices

—what they are, where to get them

Here's a list of the training devices discussed in this issue. Included are requisition authority, nomenclatures, and cost, where applicable.

M256 Chemical Agent: Detector Tickets Simulator (TRAINS)

TRAINS replicates the functions of the M256 chemical agent detector kit in training. The M256 TRAINS contains detector tickets that are manufactured to give the appropriate color changes for positive or negative chemical agent presence.

The 36 detector tickets that make up the set are—

- All clear
- Positive nerve (G or V)
- Positive blister (H)
- Positive blister (CX)
- Positive blood (AC or CK)
- Positive blood (AC or CK) weak

TRAINS is available through normal supply channels as class II, NSN 6665-01-112-1644. Authority to requisition is CTA 50-900. The tickets are packaged 36 per box and cost \$54.00 per box.

All units required to train with the M256 chemical agent detector kit are authorized to requisition

this item. Normal authorization is one per squad-level unit.

M81 Chemical Agent Automatic Alarm Detector Unit Simulator

The M81 provides remote activation of the M43A1 detector unit. The receiver set connects to the M43A1 unit. The hand-held transmitter has the capability to activate four separate detectors.

Components of the set are—
1 transmitter

- 4 receiver sets
- 1 technical manual
(TM 3-6665-316-12)
- 4 battery extender cables
- 4 interface cables

The M81 is available through TASCs. All units at company level authorized the M8A1 chemical agent automatic alarm (M43A1 detector unit) can request the M81 through TASC.

Cost factor to user—none.

SPAL



Polyethylene Glycol 200 (PEG-200)

PEG-200 simulates the physical characteristics of a persistent chemical agent. PEG-200 is colorless and odorless. Decontaminate with hot, soapy water. PEG-200 is packaged in a 55-gallon drum.

Available through normal supply channels as class II. Authority to requisition is CTA 50-900. The 55-gallon drum is cumbersome to handle; transferring PEG-200 to 5- or 1-gallon containers is advisable.

NSN 6810-01-074-9719, PEG-200 costs \$289.00.

Simulator Projectile Airburst Liquid (SPAL)

The SPAL disperses a persistent chemical agent simulant while creating the illusion of an airburst artillery attack. The entire kit is capable of contaminating an area 75 by 200 meters.

The components of the set are—
20 launcher tubes and bottles
20 explosive launch/buster charges
1 PEG-200 simulant, 5 gallons

This item is controlled through the ammunition management system under DODIC L595. Units requesting the device must obtain approval to forecast and draw from their ammunition account. There are currently sufficient stockages to support the Army's needs.

The device costs \$56 per kit.

Mission, tasks trained—

SMCT 031-503-1019, Recognize and react to a chemical or biological hazard.

(Mission) Operate in a chemical environment.

AN/TDQ-T1 Large Area Radiac Training Set (LARTS)

LARTS produces a simulated residual radiation pattern for nuclear conditions training. The main transmitter has variable power output signal strengths. Combined with the directional antenna, it produces an ovoid-shape signal pattern. The receiver units are mock-ups of the IM-174A radiacmeter or the probe assembly of the AN/VDR2 radiacmeter.

The components of the set are—

- 1 main transmitter
- 1 directional antenna
- 3 hot spot transmitters
- 6 receiver units (IM-174A or AN/VDR2 probe)
- 1 technical manual (TM 11-6665-226-12)

This device is issued from TASC. All units authorized the IM-174A or AN/VDR2 radiacmeter can requisition this item. The T-1 generally is employed at battalion- or company-level training exercises.

Missions trained—Radiation ground monitoring. Ground

radiation reconnaissance. Aerial radiation survey. Use of the radiacmeter.

M58A1

Personal Decontamination Kit Training Aid

This device replicates the functions of the M258A1 personal decontamination kit without causing irritation to the skin of the user. Packs 1 and 2 contain a mild water-alcohol mixture for training purposes.

The set is composed of one black plastic case, three decon packets 1, and three decon packets 2.

The M58A1 training aid is available through normal supply channels as class II. Authority is CTA 50-900. Basis of issue is one per individual.

NSN 6910-01-101-1768, Training Aid, Personal Decontamination Kit, M58A1 costs \$1.00; the 6910-01-113-2423, Refill Kit, Training Aid, Personal Decontamination Kit, M58A1 costs \$15.00. Each case contains 24 each decon packets 1 and 2.

Tasks trained—
SMCT 031-503-1007, Decontaminate your skin and personal equipment.

SMCT 031-503-1023, Exchange MOPP gear. ●●

M58A1 (right)

