

## IMPROVED MOVING TARGET SIMULATOR (IMTS)

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**Training Category/Level Utilized:**

Air Defense/Level 1

**Logistic Responsible Command, Service, or Agency:**

PEO STRI

**Source and Method of Obtaining:**

Not generally available for issue (limited production).

**Purpose of Trainer:**

The Improved Moving Target Simulator (IMTS) is used to instruct gunners in the use of the STINGER weapon system.

**Functional Description:**

The IMTS is a computer driven system that projects background scenes and moving targets on a 40-foot diameter screen. The IMTS utilizes detailed video projections, sound generation, infrared radiation (IR) and IR countermeasures simulation to create realistic battlefield environments. The IMTS is controlled by an instructor console located within the dome. The system provides for up to three targets which can be presented simultaneously or in any sequence. Up to three students, using STINGER Thacking Head Trainers (THT) for the STINGER weapons, can be trained at one time. The targets are computer

controlled and follow preprogrammed trajectories. A computer controls the scenario and records student/weapon activities.

**Physical Information:**

40-foot diameter hemispherical screen Instructor console.

**Equipment Required, Not Supplied:**

None

**Special Installation Requirements:**

Suitable building or structure.

**Power Requirements:**

110vac, 50n Hz, 3kva

**Applicable Publications:**

TM 9-6920-2427-10

TM 9-6920-2427-20

**Reference Publications:**

(Information not available)

**Training Requirements Supported:**

(Information not available)