

## IMPROVED MOVING TARGET SIMULATOR (IMTS)

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### **Functional Description:**

The IMTS training system consists of a 360 degree, 40 foot diameter hemispherical dome, an Instructor/Operator Station, Computer Image Generator capable of projecting simulated scene, weather, clouds, aircraft (with Countermeasures), IFF, 8 background environments, gunner scoring system, and student performance measurement.

### **Purpose of Trainer:**

The Improved Moving Target Simulator (IMTS) Upgrade program incorporates the latest technology to train the Stinger gunner and team in the techniques and skills required for successful operation of the Stinger Man portable Air Defense System (MANPADS) used to train three MANPADS gunners individually or simultaneously, to identify, acquire and track airborne targets and launch Stinger RMP and Block One improved missiles.

### **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

### **Training Category/Level Utilized:**

Air Defense/Level 1

### **Training Requirements Supported:**

Information not available

### **Applicable Publications:**

**DVC 44-027C**

TM 9-6920-2427-10  
TM 9-6920-2427-20

**Reference Publications:**

Information not available

**Source and Method of Obtaining:**

Not generally available for issue (limited production)

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

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