

**Training**  
**MAN-PORTABLE AIR DEFENSE SYSTEM (MANPADS)**  
**MOVING TARGET SIMULATOR (MTS)**

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**SUPPLEMENTATION.** *Local supplementation of this regulation is prohibited, except upon approval by AFZF-PTM-TS.*

**SUGGESTED IMPROVEMENTS.** *The proponent for this regulation is the Deputy for Plans, Training, and Mobilization. Users are invited to send comments and suggested improvements to: Commander, III Corps and Fort Hood, ATTN: AFZF-PTM-TS, Fort Hood, Texas 76544-5056.*

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**OVERVIEW**

1

**Purpose**

This regulation

- prescribes policies and procedures for the operation, control, and use of the MANPADS MTS.
- applies to all III Corps and Fort Hood units and applicable National Guard and Reserve units.

1a

**References**

Use these references

- FM 44-17 ((C) Instructor's Manual: Moving Target Simulation, M87A1 (U))
- FM 44-18-1 (Stinger Team Operations)
- FM 44-23-1 (Operations and Training, Redeye)
- TM 9-6920-1427-10 (Operator's Manual: Moving Target Simulator Trainer Device, M87 (Stinger/Redeye Air Defense Guided Missile System))
- FH Regulation 350-1 (Active Component Training), and
- FH Pamphlet 350-18 (Fort Hood Catalog of Established Live-Fire Range, Range Facilities, and Artillery/Mortar Firing Points).

1b

**General**

The MTS

- provides a facility with real-world environment simulations (including hostile targets).
- facilitates training MANPADS gunners.

1c

**RESPONSIBILITIES**

2

**Certified Instructors**

Certified instructors

- are trained by the Fort Hood Noncommissioned Officer Course (BNCOC).
- are responsible for the operation of the MTS for their respective organizations.
- must be present when the MTS is used.
- operate the control console.
- provide classroom instruction.

**NOTE:** Students will not operate the console or review target books.

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**Certified  
Instructors  
(Continued)**

Instruction and training are per

- FM 44-17 and
- FM 44-23-1.

2a

**Security  
Clearance**

The instructor verifies that all students have at least a **CONFIDENTIAL** security clearance.

- The MTS technician compares the current validated unit access roster with the roster of trainees provided by the officer-in-charge/noncommissioned officer-in-charge of each training group.

All students will remain seated in the classroom until validation is complete.

2b

**Access  
Roster**

On-post units desiring MTS training will

- prepare and validate access rosters with their battalion S2.
- update access rosters not less than quarterly.

**NOTE:** Include only those personnel authorized to use the MTS on the access roster.

National Guard and Reserve units will bring a valid access roster to each training session.

- Failure to provide a current access roster will result in personnel being denied access to the MTS.

2c

**Revocation of  
Security  
Clearance**

Units will report any revocation of security clearances to the Training Support Center (TSC) at 287-5807.

2d

**MTS  
Trainers**

The using unit provides their own trainer, except for National Guard and Reserve units.

- Trainers issued to the MTS are available as a back-up only if the unit's equipment becomes nonoperational during training.
- Units that have all assigned trainers in maintenance during scheduled training may request use of the MTS trainer by furnishing a copy of DA Form 2407 (Maintenance Request).

While training in the High Bay area all students will remain seated, except the console operator, team chiefs, and the gunner who is firing.

Breaks will be taken

- as directed by the military instructor and
- after completion of each film.

2e

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**PROCEDURES**

3

**Operation**      The MTS is available for training from 0800 to 1630 on scheduled training days.

The MTS technician

- conducts validity checks on the MTS each day before use. The
  - check requires about 30 minutes.
  - availability of the MTS for training is dependent on results of the validity check.

**NOTE:**      Units will be notified immediately if the MTS will not be operational for the scheduled training.

- reports units not arriving at the MTS within 15 minutes of the scheduled training time
  - by telephone
  - to the TSC work reception clerk, 287-4960.
- sets up the MTS target film program per the using unit's instructions. Use films
  - #11 and #12 only for evaluation at battalion level or higher.
  - as directed in the maintenance manual and FM 44-17.

**NOTE:**      The instructor can set up the MTS target film program.

Reserve and National Guard units must arrive within 3 hours of scheduled time for weekend training.

3a

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**Scheduling**      During normal duty hours all units scheduling MTS use will submit

- a completed FH Form 350-X3 (Request for Training Resources)
- to the Chief, Air Defense Element (ADE) per
  - FH Pamphlet 350-18 and
  - FH Regulation 350-1.

For other than normal duty hours all units scheduling MTS use will submit

- FH Form 350-X3 and a memorandum outlining the reasons for overtime use
- to the Chief, ADE
- at least 5 working days before date of requested use.

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Scheduling  
(Continued)

The Chief, G3, ADE

- approves any changes in scheduling or joint use of the MTS.
- announces quarterly scheduling and training meetings held with the
  - noncommissioned officer-in-charge of
    - ADE
    - 2d Armored Division's Division Airspace Management Element (DAME)
    - 1st Cavalry Division's DAME, and
    - 6th Cavalry Brigade's S3.

**NOTE:** The Training Support Officer (TSO), G3/PTM, will receive advance notification.

3b

Maintenance

Report any

- failure of the MTS to the MTS technician or instructor.
- suspected failure of the tracking head trainer to the MTS technician who will test the system and determine its operational status.

**NOTE:** The MTS technician is the only person authorized to inspect, clean, or attempt any repairs.

3c

Special  
Instructions

Units using the MTS are responsible for cleaning the areas used during the conduct of training. These include the

- High Bay area
- classroom
- latrine, and
- outside area immediately around the building including the parking lot.

Smoking or use of tobacco (of any kind) is prohibited in the MTS.

Drinking, eating, or chewing gum is not permitted in the

- High Bay area
- area next to it, or
- classroom.

The security room, maintenance room, and the area next to the rear of the screen are off-limits to all unit personnel. The front office is off-limits except to certified instructors in normal MTS training requirements.

Unit personnel are at the MTS for MANPADS training.

- Do not conduct unit or personal business at the MTS.
- Limit telephone use to emergencies only.

3d

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Visitors

Personnel desiring to visit the MTS may do so by coordination through normal channels. Clear all visits through the G3, ADE at 287-8328 or 287-4437 and the TSC, 288-2635.

Since the MTS is a restricted area, submit a roster of visitors

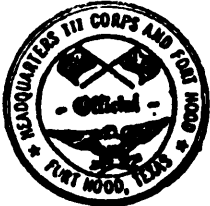
- through the ADE
- to the TSC Work Reception Desk, Building 229
- at least 24 hours before the visit
- with clearances indicated and verified.

A standard briefing is available upon request.

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3e

FOR THE COMMANDER:



PAUL T. WEYRAUCH  
Brigadier General, GS  
*Chief of Staff*

T. J. LEONARD  
Colonel, AG  
DOIM

DISTRIBUTION:

- Cdr, 1st Cav Div (5)
- Cdr, 2d Armd Div (5)
- Cdr, 6th Cav Bde (AC) (5)
- PTM-TS (15)
- GT-RG (1)
- GT-D (1)
- IM-ARL (1)
- IM-AO (2)
- IM-Pubs (100)
- Cdr, 49th Armd Div (5)