

Tactical Weather Radar (TWR, AN/FMQ-18(V))

LEAD AGENCY/POINT OF CONTACT: DoD/Col Mark Welshinger, HQ/USAF, Directorate of Weather/ 703-696-4930 (DSN 426), mark.welshinger@pentagon.af.mil

TRAINING POINT OF CONTACT: Headquarters Air Force Weather Agency, Training Requirements Branch/Capt Travis Steen 402-294-9531 (DSN 271), travis.steen@afwa.af.mil, MSgt Tom Dahl, HQ AFWA/DNTR, 402-294-9581 (DSN 271), tom.dahl@afwa.af.mil

PROGRAM/PROJECT DESCRIPTION: Fixed, semi-fixed, and deployable Tactical (doppler) Weather Radars provide weather information for resource protection at fixed and deployed environments (overseas). Replaces aging non-doppler FPQ-21 and FPS-77 radars at fixed locations and the Interim Tactical Weather Radar (ITWR) at semi-fixed locations with modern doppler weather radars. This program will also replace the existing smaller tactical weather radars (TPS-68) with small, deployable, non-doppler radars.

I. TRAINING REQUIREMENTS:

A. Trainees

B. Skill Level of Designated Trainees

DoD Forecasters/Meteorologists

Air Force

⇒ Enlisted

Apprentice Journeyman Craftsman

⇒ Civilian

Forecaster

⇒ Officer

Entry Level Fully Qualified

C. Training Required

Familiarization Refresher Training

Basic Knowledge Basic Task Performance

Intermediate Knowledge Intermediate Task Performance

II. TRAINING DEVELOPMENT/DELIVERY:

A. Training Program Status

Periodic Updates and Reviews (current)

B. Training Method

Computer Based Training (Web-on-line, CD training modules)

Laboratory (Demonstration/Performance, Research Lab)

On-the-job Training (Operational Area)

Other: OJT on site or "Just in Time" prior to deployment

C. Training Delivery Resources

Computer Based Instruction Operational Product Operational System

D. Training Provider

Contractor (manufacturer)

Federal Agency

⇒ DoD Air Force

E. Training Measurement

Performance (task performance and evaluation)

F. Training References

System Manuals

Lesson Plans

G. Training Completion Documentation

Individual Training Records

III. TRAINING IDENTIFICATION/DESCRIPTION

A. Training Identification

Name: TWR Operator

Location: On Site (various Air Force locations)

B. Training Length

Number of Days: 2-3 days

Number of Hours: 16 hours

C. Group Size

Minimum: 1 Desired: 1-2 Maximum: 6

D. Trainer to Trainee Ratio

One trainer for 1 to 6 trainees

E. Point of Contact to Request Training

Name: MSgt Tom Dahl

Organization: HQ AFWA/DNTR

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