

**Forecasting Aviation Icing:
Icing Assessment Using Sounding and Wind Profiles**

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PROGRAM/PROJECT DESCRIPTION: This is an aircraft icing training module specifically designed to assist forecasters in making better icing forecasts by using sounding and wind profiles. It was developed by the Cooperative Program for Operational Meteorology Education and Training (COMET).

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

Navy

⇒ Enlisted

Apprentice Forecaster Forecaster Master Forecaster

⇒ Civilian

Forecaster

⇒ Officer

Accession Forecaster Forecaster

National Weather Service

⇒ Forecasters/Meteorologists

Intern Journeyman Senior Forecaster Science and Operations Officer

Warning Coordination Meteorologist Meteorologist-in-Charge

Incident Meteorologist (e.g. Fire Weather)

Center Weather Service Unit Meteorologist

C. Training Required

Refresher Training Intermediate Knowledge

II. TRAINING DEVELOPMENT/DELIVERY:

A. Training Program Status

Training Implementation

B. Training Method

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

C. Training Delivery Resources

Computer Based Instruction (on-line)

D. Training Provider

Non-Government Organizations

⇒ UCAR/COMET

E. Training Measurement Method

Performance (task performance and evaluation)

Other: Case studies used to evaluate knowledge of material at end of module.

F. Training References

Other: Does not apply

G. Training Completion Documentation

Individual Training Records

III. TRAINING IDENTIFICATION/DESCRIPTION

A. Training Identification

Name: Forecasting Aviation Icing: Icing Assessment Using Sounding and Wind Profiles (COMET)

Location: Web Based at <http://www.comet.ucar.edu/modules/index.htm>

Cost: N/A

B. Training Length

Number of Hours: Self paced

C. Group Size

Desired: Individual

D. Trainer to Trainee Ratio

No trainer required (e.g. self study)

E. Point of Contact to Request Training

Organization: Cooperative Program for Operational Meteorology Education and Training (COMET)

Web Site Address: <http://www.comet.ucar.edu/modules/index.htm>