

In-Situ Turbulence Measure and Report

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TRAINING POINT OF CONTACT: Bob Sharman, NCAR, 303-497-8457, sharman@ucar.edu

PROGRAM/PROJECT DESCRIPTION: a software package to enable commercial aircraft to automatically measure (quantitatively) and report turbulence.

I. TRAINING REQUIREMENTS:

A. Trainees	B. Skill Level of Designated Trainees
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Air Traffic Controllers

⇒ Flight Service Station	Journey Level <input checked="" type="checkbox"/> En-Route Flight Advisor <input checked="" type="checkbox"/> Operations Supervisor <input checked="" type="checkbox"/>
⇒ En-Route	Journey Level <input checked="" type="checkbox"/> Operations Supervisor <input checked="" type="checkbox"/>
⇒ Terminal (Radar Control/Tower)	Journey Level <input checked="" type="checkbox"/> Operations Supervisor <input checked="" type="checkbox"/>

Traffic Managers	Command Center Traffic Management Specialist <input checked="" type="checkbox"/> Traffic Management Unit Traffic Management Specialist <input checked="" type="checkbox"/>
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Dispatchers	Flight Dispatcher <input checked="" type="checkbox"/> Chief Dispatcher <input checked="" type="checkbox"/>
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National Trans. Safety Board	Accident Investigator <input checked="" type="checkbox"/>
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Pilots

⇒ Commercial	Flight Engineer <input checked="" type="checkbox"/> First Officer <input checked="" type="checkbox"/> Captain <input checked="" type="checkbox"/>
⇒ General Aviation	Private <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Air Transport <input checked="" type="checkbox"/> Instrument Rated <input checked="" type="checkbox"/> Instructor <input checked="" type="checkbox"/>

National Weather Service

⇒ Forecasters/Meteorologists	Intern <input checked="" type="checkbox"/> Journeyman <input checked="" type="checkbox"/> Senior Forecaster <input checked="" type="checkbox"/> Science and Operations Officer <input checked="" type="checkbox"/> Meteorologist-in-Charge <input checked="" type="checkbox"/> Center Weather Service Unit Meteorologist <input checked="" type="checkbox"/> Applied Research Meteorologist <input checked="" type="checkbox"/>
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Private Sector

⇒ Forecasters	Independent Forecaster <input checked="" type="checkbox"/> Senior Forecaster <input checked="" type="checkbox"/>
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C. Training Required

Familiarization Basic Knowledge

II. TRAINING DEVELOPMENT/DELIVERY:

A. Training Program Status

Training Implementation (Current)

B. Training Method

Computer Based Training (Web-on-line, CD training modules) On-the-job Training (Operational Area)

C. Training Delivery Resources

Computer Based Instruction

D. Training Provider

⇒ FAA

E. Training Measurement

No Formal Measurement

F. Training References

Technical References Product Description Document/Guide

G. Training Completion Documentation

No Documentation Required

III. TRAINING IDENTIFICATION/DESCRIPTION

A. Training Identification

Name: In-situ Turbulence Measure and Report
Location: On site or at NCAR
Cost: No cost

B. Training Length

1 hour

C. Group Size

Minimum: 5 Desired: 7 Maximum: 10

D. Trainer to Trainee Ratio

One trainer for 6 to 12 trainees

E. Point of Contact to Request Training

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