

Turbulence Plot Message System (TPS)

LEAD AGENCY POINT OF CONTACT: Tom Fahey, Manager of Meteorology, Northwest Airlines, 612-726-3256, tom.fahey@nwa.com

TRAINING POINT OF CONTACT: Tom Fahey, Manager of Meteorology, Northwest Airlines, 612-726-3256, tom.fahey@nwa.com

PROGRAM/PROJECT DESCRIPTION: TPS provides automatic information of en-route turbulence and other atmospheric weather hazards to pilots and other end users to aid in safe and efficient routing.

I. TRAINING REQUIREMENTS:

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

| | |
|-------------------------------------|--|
| ⇒ Flight Service Station | Developmental <input checked="" type="checkbox"/> |
| ⇒ En-Route | Journey Level <input checked="" type="checkbox"/> |
| ⇒ Terminal (Radar Control/Tower) | Journey Level <input checked="" type="checkbox"/> |
| ⇒ DoD Controllers | Journeyman <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"/> |
| Dispatchers | Flight Dispatcher <input checked="" type="checkbox"/> Chief Dispatcher <input checked="" type="checkbox"/> |
| Flight Standards Personnel | Flight Operations <input checked="" type="checkbox"/> |
| National Trans. Safety Board | Accident Investigator <input checked="" type="checkbox"/> |
| Pilots | |
| ⇒ Commercial | Flight Engineer <input checked="" type="checkbox"/> First Officer <input checked="" type="checkbox"/> Captain <input checked="" type="checkbox"/> |
| National Weather Service | |
| ⇒ Forecasters/Meteorologists | Science and Operations Officer <input checked="" type="checkbox"/> Meteorologist-in-Charge <input checked="" type="checkbox"/> Center Weather Service Unit Meteorologist <input checked="" type="checkbox"/> |
| ⇒ Headquarters | Program Manager <input checked="" type="checkbox"/> Staff/Senior Management <input checked="" type="checkbox"/> |

C. Training Required

Familiarization Refresher Training

II. TRAINING DEVELOPMENT/DELIVERY:

A. Training Program Status

Curriculum Development (current) Periodic Updates and Reviews (current)

B. Training Method

Formal Classroom (Lecture/Discussion) Self-study (Text, Videotape)

C. Training Delivery Resources

Operational Product Operational System Training System

D. Training Provider

Private Sector/Industry (e.g. Airlines, Flight Safety, Inc.)

E. Training Measurement

No Formal Measurement (pilots) Written (e.g. multiple choice, fill in blanks) (dispatchers)

F. Training References

Product Description Document/Guide Lesson Plans

G. Training Completion Documentation

Individual Training Records

III. TRAINING IDENTIFICATION/DESCRIPTION

A. Training Identification

Location: Northwest Airlines (on site)

B. Training Length

Number of Days: 5 days (NWA dispatchers) Number of Hours: 8 hours (NWA pilots)

C. Group Size

Minimum: 5 Desired: 10 Maximum: 20

D. Trainer to Trainee Ratio

One trainer for 6 to 12 trainees

E. Point of Contact to Request Training

Name: Tom Fahey, Manager of Meteorology Organization: Northwest Airlines
Phone Number: 612-726-3256
E-mail Address: tom.fahey@nwa.com