

| Integrated Turbulence Forecast Algorithm (ITFA) | |
|---|---|
| LEAD AGENCY/POINT OF CONTACT: Gloria Kulesa, FAA AUA-430/AWRP, 202-493-0108, gloria.kulesa@faa.gov | |
| TRAINING POINT OF CONTACT: Bob Sharman, NCAR, 303-497-8457, sharman@ucar.edu | |
| PROGRAM/PROJECT DESCRIPTION: a turbulence forecast algorithm which provides a capability to monitor and report observations of turbulence from various sources, diagnose turbulence from numerical models, and integrate observational data into predictions of clear air, jet stream, and frontal related turbulence. | |
| I. TRAINING REQUIREMENTS: | |
| A. Trainees | B. Skill Level of Designated Trainees |
| 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"/> |
| Dispatchers | Flight Dispatcher <input checked="" type="checkbox"/> Chief Dispatcher <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"/> |
| ⇒ 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"/> |
| Private Sector | |
| ⇒ Forecasters | Under Supervision <input type="checkbox"/> Independent Forecaster <input checked="" type="checkbox"/> Senior Forecaster <input checked="" type="checkbox"/> |
| C. Training Required | |
| Familiarization <input checked="" type="checkbox"/> Basic Knowledge <input checked="" type="checkbox"/> | |
| II. TRAINING DEVELOPMENT/DELIVERY: | |
| A. Training Program Status | |
| Training Implementation <input checked="" type="checkbox"/> (Current) | |
| B. Training Method (X indicates all methods that apply) | |
| Computer Based Training (Web-on-line, CD training modules) <input checked="" type="checkbox"/> On-the-job Training (Operational Area) <input checked="" type="checkbox"/> | |
| C. Training Delivery Resources | |
| Computer Based Instruction <input checked="" type="checkbox"/> | |
| D. Training Provider | |
| ⇒ FAA <input checked="" type="checkbox"/> | |
| E. Training Measurement | |
| No Formal Measurement <input checked="" type="checkbox"/> | |
| F. Training References | |
| Technical References <input checked="" type="checkbox"/> Product Description Document/Guide <input checked="" type="checkbox"/> | |
| G. Training Completion Documentation | |
| No Documentation Required <input checked="" type="checkbox"/> | |
| III. TRAINING IDENTIFICATION/DESCRIPTION | |
| A. Training Identification | |
| Name: Integrated Turbulence Forecast Algorithm Other Identification: Location: On site or at NCAR Cost: No cost | |
| B. Training Length | |
| 4 hours | |
| C. Group Size | |
| Minimum: 3 Desired: 4 Maximum: 7 | |
| D. Trainer to Trainee Ratio | |
| One trainer for 1 to 6 trainees <input checked="" type="checkbox"/> | |
| E. Point of Contact to Request Training | |
| Name: Bob Sharmen Organization: NCAR Phone Number: 303-497-8457 E-mail Address: sharman@ucar.edu | |