Integrated Icing Diagnosis Algorithm (IIDA) and Integrated Icing Forecast Algorithm (IIFA)	
LEAD AGENCY/POINT OF CONTACT: Gloria Kulesa, FAA AUA-430/AWRP, 202-493-0108, gloria.kulesa@faa.gov	
TRAINING POINT OF CONTACT: Marcia Politovich, NCAR, 303-497-8449, marcia@ucar.edu	
PROGRAM/PROJECT DESCRIPTION: an hourly gridded depiction or forecast of in-flight icing with highest possible horizontal resolution, based on integration of operational model output with real-time sensor data. IIDA is a diagnosis; IIFA is a forecast.	

I. TRAINING REQUIREMENTS:

A. Trainees	B. Skill Level of Designated Trainees
Air Traffic Controllers	
⇒ Flight Service Station	Developmental☐ Journey Level☒ En-Route Flight Advisor☒ Operations Supervisor☒
⇒ En-Route	Developmental☐ Journey Level☒ Operations Supervisor☒
⇒ Terminal (Radar Control/Tower)	Developmental☐ Journey Level☒ Operations Supervisor☒
Traffic Managers	Command Center Traffic Management Specialist ☒ Traffic Management Unit Traffic Management Specialist ☒
Dispatchers	Operations Planner☐ Assistant Flight Dispatcher☐ Flight Dispatcher☒ Chief Dispatcher☒
National Trans. Safety Board	Accident Investigator☒
Pilots	
⇒ Commercial	Flight Engineer ☒ First Officer ☒ Captain ☒
⇒ General Aviation	Student ☐ Private ☒ Commercial☒ Air Transport☒ Instrument Rated☒ Instructor ☒
National Weather Service	
⇒ Forecasters/Meteorologists	Intern ☒ Journeyman ☒ Senior Forecaster ☒ Science and Operations Officer ☒
	Warning Coordination Meteorologist ☐ Meteorologist-in-Charge ☒
	Center Weather Service Unit Meteorologist ☒ Applied Research Meteorologist ☒
Private Sector	
⇒ Forecasters	Under Supervision ☐ Independent Forecaster ☒ Senior Forecaster ☒

C. Training Required

Familiarization ☒   Basic Knowledge ☒   Basic Task Performance ☐

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: Integrated Icing Forecast Algorithm

Location: On site, major airports

Cost: None (research feedback)

B. Training Length

   2 hours

C. Group Size

Minimum: 1 Desired: 4-6 Maximum: 10

D. Trainer to Trainee Ratio

One trainer for 1 to 6 trainees   ☒

E. Point of Contact to Request Training

Name: Marcia Politovich

Organization: NCAR

Phone Number: 303-497-8449 E-mail Address: marcia@ucar.edu