Water Vapor Sensing System (WVSS)	
LEAD AGENCY/POINT OF CONTACT: Gloria Kulesa, FAA AUA-430/AWRP, 202-493-0108, gloria.kulesa@faa.gov	
TRAINING POINT OF CONTACT: Rex Fleming, NOAA/OGP, 303-497-8165, flemming@joss.ucar.edu	
PROGRAM/PROJECT DESCRIPTION: The Water Vapor Sensing System (WVSS) program features a sensor designed to obtain and continuously down-link moisture data from commercial aircraft while airborne.	

I. TRAINING REQUIREMENTS:

A. Trainees	B. Skill Level of Designated Trainees
Air Traffic Controllers	
⇒ En-Route	Operations Supervisor ⊠
⇒ Terminal (Radar Control/Tower)	Operations Supervisor ⊠
Traffic Managers	Command Center Traffic Management Specialist ⊠ Traffic Management Unit Traffic Management Specialist ⊠
Dispatchers	Flight Dispatcher ⊠ Chief Dispatcher ⊠
Flight Standards Personnel	Flight Operations ⊠
National Trans. Safety Board	Accident Investigator ⊠
Pilots	
⇒ Commercial	Flight Engineer ⊠ First Officer ⊠ Captain ⊠
⇒ Military	Student ⊠ Line ⊠ Instructor ⊠ Examiner ⊠
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 ⊠
	Hydro-Meteorological Technician ⊠ Incident Meteorologist (e.g. Fire Weather) ⊠
	Center Weather Service Unit Meteorologist ⊠ Applied Research Meteorologist ⊠
University/Laboratory	Instructor ⊠ Research Scientist ⊠
Private Sector	
⇒ Forecasters	Under Supervision ⊠ Independent Forecaster ⊠ Senior Forecaster ⊠
⇒ Researchers	Undergraduate ⊠ Bachelor's ⊠ Master's ⊠ Doctorate ⊠
⇒ Consultants	AMS Certified Consulting Meteorologist ⊠
Others: On site, on demand	

C. Training Required
Basic Knowledge ⊠ Basic Task Performance ⊠ (on site, on demand)

II. TRAINING DEVELOPMENT/DELIVERY:

A. Training Program Status (Current)
Determination of Training Requirements ⊠   Determination of Training Concept ⊠   Acquisition of Training Resources ⊠

B. Training Method
Computer Based Training (Web-on-line, CD training modules) ⊠   Self-study (Text, Videotape) ⊠

C. Training Delivery Resources
Computer Based Instruction ⊠

D. Training Provider
Non-Government Organizations
⇒ UCAR/COMET ⊠ (On site, on demand)

E. Training Measurement
Written (e.g. multiple choice, fill in blanks)   ⊠

F. Training References
Technical References ⊠   Product Description Document/Guide ⊠

G. Training Completion Documentation
No Documentation Required   ⊠

III. TRAINING IDENTIFICATION/DESCRIPTION	
A. Training Identification	
Location: UCAR or on site, on demand	
B. Training Length	
1 hour (familiarization on site seminars, on demand)	
C. Group Size	
Minimum: 2 Desired: 8 Maximum: 12	
D. Trainer to Trainee Ratio	
One trainer for 6 to 12 trainees ☒	
E. Point of Contact to Request Training	
Name: Rex J. Fleming Organization: UCAR	
Phone Number: 303-497-8165 E-mail Address: fleming@joss.ucar.edu	