

Weather in the Cockpit

LEAD AGENCY POINT OF CONTACT: Cranston R. Coleman, Jr., Sonlaxys, Inc., 860-442-4355, coleman@sonlaxys.com

TRAINING POINT OF CONTACT: Cranston R. Coleman, Jr., Sonlaxys, Inc., 860-442-4355, coleman@sonlaxys.com

PROGRAM/PROJECT DESCRIPTION: This project provides a means of collecting and integrating multi-source, geo-referenced weather data and then delivering decision support information directly to the cockpits of international air carriers.

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"/>
⇒ DoD Controllers	Apprentice <input checked="" type="checkbox"/> Journeyman <input checked="" type="checkbox"/> Craftsman <input checked="" type="checkbox"/>

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 First Officer Captain

DoD Forecaster/Meteorologists

Air Force

⇒ Enlisted 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 Journeyman Senior Forecaster Science and Operations Officer
Center Weather Service Unit Meteorologist

Private Sector

⇒ Forecasters Independent Forecaster Senior Forecaster

C. Training Required

Intermediate Task Performance

II. TRAINING DEVELOPMENT/DELIVERY:

A. Training Program Status

Periodic Updates and Reviews (current)

B. Training Method

Formal Classroom (Lecture/Discussion)
Laboratory (Demonstration/Performance, Research Lab)
On-the-job Training (Operational Area)
Contractor provided with system delivery on site

C. Training Delivery Resources

Operational Product
Operational System
Training System

D. Training Provider

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

E. Training Measurement

Performance (task performance and evaluation)

Other: We use a "train the trainer" approach to teach our customers how to use this software on location. We also offer advanced system administration courses as well as advanced user training.

F. Training ReferencesTechnical References Product Description Document/Guide System Manuals Lesson Plans **G. Training Completion Documentation****TBD**

Other: Training documentation requirements are determined by our individual customers.

III. TRAINING IDENTIFICATION/DESCRIPTION**A. Training Identification**

Location: At contractor location or on site

Cost: \$100.00 per student (15-20k per group when training includes basic aviation meteorology)

B. Training Length

Number of Weeks: 1-2 weeks (per group when training includes basic aviation meteorology)

Number of Hours: 2 hrs (per student)

C. Group Size

Minimum: 2

Desired: 6

Maximum:8

D. Trainer to Trainee RatioOne trainer for 1 to 6 trainees **E. Point of Contact to Request Training**

Name: Cranston (Rip) Coleman

Organization: Sonlaysts Inc.

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