

# Appendix A: Program

## FAA Office of Aviation Medicine 7th Meeting on Human Factors in Aircraft Maintenance and Inspection

### SCIENCE, TECHNOLOGY, AND MANAGEMENT

*Atlanta, Georgia*

**August 4 - 6, 1992**

#### ***Tuesday, 4 August 1992 (Outside Salon 1 & 2)***

Arrival day for many attendees

4:00 - 5:30 p.m.   **REGISTRATION**

No activities planned for Tuesday, 4 August

#### ***Wednesday Morning, 5 August 1992 - Salon 1 & 2***

8:00 a.m.   Registration & Continental Breakfast

9:00 a.m.   **Keynote Address**

*Charles R. Foster,*

**Retired NorthWest Mountain Regional**

Director

Bellevue, WA

9:20 a.m.   **Human Factors in Aircraft Maintenance: Program Overview**

*William T. Shepherd, Ph.D.*

**Office of Aviation Medicine**

Federal Aviation Administration

9:40 a.m.   **National Plan for Aviation Human Factors: Progress Report**

*Phyllis Kayten, Ph.D.*

**Deputy Scientific Advisor for Human Factors**

Federal Aviation Administration

10:00 a.m.   Break

10:20 a.m.   **Job Aiding Research in the U.S. Air Force**

*Bertram W. Cream and Robert C. Johnson*

**USAF Armstrong Laboratory**

11:00 a.m.   **Investigation of Human Error in Maintenance and Inspection**

*Colin G. Drury, Ph.D.,*

Kara Latorella, and Prasad Prabhu

**State University of New York at Buffalo**

11:50 a.m. LUNCH (Congress & Caucas Rooms)

*Wednesday Afternoon, 5 August 1992 - Salon 1 & 2*

1:15 p.m. **Integrated Information Environments for Training, Aiding & Documentation**

Retrieval

*William B. Johnson, Ph.D.*

**Galaxy Scientific Corporation**

1:50 p.m. **Intelligent Simulations for Maintenance Training**

*Jeffrey E. Norton*

**Galaxy Scientific Corp.**

2:30 p.m. Break

2:50 p.m. **Job Aiding for Dispatchers and Pilots: Evaluation Results**

*Charles Layton, Ph.D.*

**Galaxy Scientific Corp.**

3:25 p.m. **Training Systems for Airway Facilities Maintenance**

*Julie Jones*

**Galaxy Scientific Corp.**

4:00 p.m. **Training for Visual Inspection**

*Colin G. Drury, Ph.D. and*

*Anand Gramopadhye, Ph.D.*

**State University of New York at Buffalo**

4:35 p.m. **SOFTWARE DEMONSTRATIONS**

5:00 p.m. **RECEPTION (Cash Bar) Congress Room**

7:40 p.m. **BASEBALL: BRAVES vs. REDS**

**(Tickets available at \$9.00 each. See Bill Johnson or Suzanne Morgan, Galaxy Scientific Corporation)**

**THURSDAY, 6 August 1992 - Salon 1 & 2**

7:30 a.m. Registration & Continental Breakfast

8:30 a.m. **Continuous Improvement Process at Northwest Airlines**

*Steve Eberhardt*

**Northwest Airlines**

9:15 a.m. **Ergonomic Research in Aircraft Maintenance**

*Jackie Reynolds and Swapnesh Patel*

**State University of New York at Buffalo**

10:15 p.m. Break

10:40 a.m. **Crew Coordination Concepts for Maintenance Teams**

*James Taylor, Ph.D.*

**University of Southern California** and

*John W. Stelly, Jr.*

**Continental Airlines**

12:00 noon **BUFFET LUNCH (Seating in Cabinet, Caucus, Charter and Committee Rooms)**

1:15 p.m. **Human Factors Guide for Aviation Maintenance**

*James F. Parker, Jr., Ph.D.*

**BioTechnology, Inc.**

1:45 p.m. **ATA Human Factors Tiger Team: Status Report**

*Anthony Majoros, Ph.D.*

**Douglas Aircraft Company**

2:30 p.m. **Closing Remarks**

*William T. Shepherd, Ph.D.*

**Office of Aviation Medicine**

Federal Aviation Administration

3:30 p.m. **ADJOURN**