

# Appendix A: Meeting Program

**FAA Office of Aviation Medicine**  
**8th Meeting on Human Factors in**  
**Aviation Maintenance and Inspection**  
**TRENDS AND ADVANCES IN**  
**AVIATION MAINTENANCE OPERATIONS**

*Alexandria, Virginia*

**November 15 - 17, 1993**

***Monday, November 15, 1993***

3:30 p.m. - Registration (Atrium)

4:30 p.m.

No other activities planned

***Tuesday, November 16, 1993***

7:30 a.m. Coffee Service and Registration

8:30 a.m. Meeting Objectives

*William T. Shepherd, Ph.D.*

**Office of Aviation Medicine**

**Federal Aviation Administration**

8:45 a.m. Keynote Address:

FAA Human Factors Program Emphasis

*Brooks Goldman*

**Deputy Associate Administrator for Aviation Standards**

**Federal Aviation Administration**

9:15 a.m. FAA Regulatory Oversight: An Update

*Leslie K. Vipond*

**Office of Flight Standards**

**Federal Aviation Administration**

10:00 a.m. Break

**CHANGES AND ADVANCES IN AIR CARRIERS PROCEDURES**

10:15 a.m. Improvements Through Reorganization of British Airways Maintenance

*Michael Skinner*

**Maintenance Training Manager**

**British Airways**

11:00 a.m. Application of Computer-Based Training for Improved Maintenance Training Efficiency

*Dieter Reichow*

**General Manager, Technical Training**

**Lufthansa Airlines**

11:45 a.m. Lunch (In Hotel/Hosted in Atrium)

1:15 p.m. Recent Changes in Aircraft Maintenance Worker Relationships

*Robert Scoble*

**General Manager of Inspection**

**United Airlines**

*Tuesday, November 16, 1993 (Cont'd)*

**CHANGES AND ADVANCES IN AIR CARRIERS PROCEDURES - (Cont'd)**

2:00 p.m. Environmental Requirements of Maintenance Organizations

*Fred Workley*

**Manager of Maintenance**

**National Air Transportation Association**

2:45 p.m. Break

**TECHNOLOGY ADVANCES SUPPORTING AVIATION MAINTENANCE**

3:00 p.m. Human Factors Effects in the FAA Eddy Current Inspection

**Reliability Experiment**

*Floyd Spencer, Ph.D.*

**Sandia National Laboratories**

and *Don Schurman, Ph.D.*

**SAIC, Idaho Falls**

3:45 p.m. Dual-Use Technology for Flight Control Maintenance

Diagnostic System (FCMDS) in the Commercial Environment

*Harry Funk*

**Principal Research Scientist**

**Honeywell, Inc.**

4:30 p.m. Pen-Based Computer Use in Aviation Inspection

*William Johnson, Ph.D.*

**Vice President, Information Division**

**Galaxy Scientific Corp.**

5:15 p.m. Adjourn

5:30 p.m. Social Hour (Atrium)

*Wednesday, November 17, 1993*

7:30 a.m. Coffee Service

**TECHNOLOGY ADVANCES SUPPORTING**  
**AVIATION MAINTENANCE - (Cont'd)**

8:30 a.m. Maintenance Error Decision Aid Project

*Jerry Allen*

**Systems and Procedures Senior Analyst**

**Continental Airlines**

and *David Marx*

**Special Programs Engineer**

**Boeing Commercial Airplanes**

9:15 a.m. Human Factors Advances at Continental Airlines

*Jay Lofgren*

**Quality Assurance Division**

**Continental Airlines**

and *Colin Drury, Ph.D.*

**SUNY Buffalo**

10:00 a.m. Break

10:15 a.m. Effect of Working Postures in Confined Spaces

*Steve Eberhardt*

**Director, Inspection, Technical Records, Training and Safety**

**Northwest Airlines and *Colin Drury, Ph.D.***

**SUNY Buffalo**

**ADVANCES AND ISSUES IMPACTING THE MAINTENANCE WORKFORCE**

11:00 a.m. Workforce Procedures and Maintenance Productivity at Southwest Airlines

*Steve Day*

**Manager of Maintenance Control**

**Southwest Airlines**

11:45 a.m. Lunch (In Hotel/Hosted in Atrium)

1:30 p.m. Quality Assurance at TWA Through IAM/FAA Maintenance Safety Committee

*Fred Liddell*

**IAM/FAA Conformance Committee**

**Trans World Airlines (TWA)**

*Wednesday, November 17, 1993 (Cont'd)*

## RECOMMENDATIONS AND CONCLUSIONS

2:15 p.m. Group Discussion

*William T. Shepherd, Ph.D.*

**Federal Aviation Administration** and *James F. Parker, Jr., Ph.D.*

**BioTechnology, Inc.**

3:00 p.m. Adjourn