

# Appendix B: Meeting Agenda

## Human Factors Issues in Aircraft Maintenance and Inspection

12 - 13 October 1988

Old Colony Inn

FEDERAL AVIATION ADMINISTRATION

Washington, D.C.

*Wednesday, 12 October 1988*

Ballroom A

7:30 a.m. Registration

### INTRODUCTION/ORIENTATION

8:30 a.m. Meeting Welcome *Anthony J. Broderick* **Federal Aviation Administration**

Meeting Background and Objectives *William T. Shepherd, Ph.D* **Federal Aviation Administration**

Aircraft Maintenance Parameters *James F. Parker, Jr., Ph.D.* **BioTechnology, Inc.**

FAA Regulatory Requirements for Aircraft Maintenance and Inspection *Raymond E. Ramakis* **Federal Aviation Administration**

10:00 a.m. Break

### THE PROBLEM

10:15 a.m. Maintenance and Inspection Issues in Aircraft Accidents/Incidents *Barry Trotter* **National Transportation Safety Board**

*James W. Danaher*

**National Transportation Safety Board**

Day-to-Day Problems in Air Carrier Maintenance and Inspection Operations *Robert Lutzinger* **United Airlines**

12:00 noon Lunch Martin Room

### MANUFACTURER PERSPECTIVE

1:00 p.m. Maintenance and Inspection from the Manufacturer's Point of View *Robert Oldani* **Boeing Commercial Airplanes**

Human Performance in Aircraft Maintenance: The Role of Aircraft Design *Anthony Majoros, Ph.D.*  
**Douglas Aircraft Company**

*Wednesday, 12 October 1988 - Continued*

Ballroom A

2:30 p.m. Break

### INDUSTRY PERSPECTIVE

2:45 p.m. Maintenance and Inspection Issues in Air Carrier Operations *Robert Doll* **United Airlines**

Computer Air Carrier Maintenance and Inspection *Norman S. Grubb* **Henson Airlines**

Rotorcraft Maintenance and Inspection *James Moran* **Aerospatiale Helicopter Corporation**

### MAINTENANCE AND INSPECTION TECHNOLOGY

Nondestructive Inspection Equipment and Procedures *George Ansley* **Boeing Commercial Airplanes**

5:00 p.m. Adjourn

5:00 p.m.-7:00 p.m. Reception - Martin Room

*Thursday, 13 October 1988*

Ballroom A

### MAINTENANCE AND INSPECTION TECHNOLOGY

8:30 a.m. Improved Information for Maintenance Personnel *Robert C. Johnson* **USAF Human Resources Laboratory**

### TRAINING ISSUES

Strength and Problems in Maintenance Training Programs *Richard Hlavenka* **Tarrant County Junior College**

10:00 a.m. Break

*Thursday, 13 October 1988 - Continued*

Ballroom A

### HUMAN FACTORS TECHNOLOGY

10:15 a.m. The Human Operator as an Inspector: Aided and Unaided *Colin G. Drury, Ph.D.* **SUNY, Buffalo**

Vigilance and Inspection Performance *Earl L. Wiener, Ph.D.* **University of Miami**

11:45 a.m. Lunch (On Own)

1:15 p.m. Human Performance in Non-Destructive Inspection Processes *Douglas H. Harris, Ph.D.*  
**Anacapa Sciences, Inc.**

2:00 p.m. Break

**SUMMARY SESSION**

2:15 p.m. Development of Summary Statements and Recommendations

4:30 p.m. Adjourn