

# Appendix B: Meeting Program

## Fifth FAA/OFFICE OF AVIATION MEDICINE Meeting on Human Factors Issues in Aircraft Maintenance and Inspection

### "THE WORK ENVIRONMENT IN AVIATION MAINTENANCE"

Embassy Suites Hotel

Atlanta-Buckhead, Georgia

18 - 20 June 1990

*Wednesday - Phoenix 1, 2 & 3*

7:30 a.m. **Registration**

#### MEETING ORIENTATION

8:30 a.m. **Welcome Address** *Phyllis Kayten, Ph.D.* Deputy Chief Scientific & Technical Advisor for FAA Human Factors Federal Aviation Administration

9:00 a.m. **The FAA Human Factors Program in Aircraft Maintenance and Inspection** *William T. Shepherd, Ph.D.* Office of Aviation Medicine Federal Aviation Administration

#### THE PHYSICAL ENVIRONMENT

9:30 a.m. **Physical Stressors in the Workplace** *Roy L. DeHart, M.D., M.P.H.* Professor and Director Division of Occupational Medicine College of Medicine University of Oklahoma Health Sciences Center

10:15 a.m. **Break**

10:30 a.m. **Industrial Hygiene in Air Carrier Operations** *Brad Baker* Technical Training Manager Mesaba Aviation, Inc. and *Al Schafer* Supervisor, Technical Training/Safety Mesaba Aviation, Inc.

#### WORK VARIABLES

11:15 a.m. **Factors Affecting Shift Workers** *Donald I. Tepas, Ph.D.* Director Industrial & Organizational Psychology University of Connecticut

12:00 noon **Lunch**

1:30 p.m. **Work Support Systems** *Danny Hoffman* Analyst - Tooling & Ground Equipment Delta Air Lines, Inc.

2:15 p.m. **FAA Interpretation of Maintenance and Inspection Paperwork Requirements** *Joseph Soto* Federal Aviation Administration Washington, DC

2:45 p.m. **Impact of Maintenance and Inspection Paperwork Requirements on Air Carriers** *Eugene (Dutch) Drescher* International Association of Machinists and Aerospace Workers

3:15 p.m. **Break**

3:30 p.m. **Effects of Automation in Maintenance** *Raymond P. Goldsby* Manager, Resource Development United Airlines

4:15 p.m. **Impact of New Generation Aircraft on the Maintenance Environment and Work Procedures** *Daniel Desormiere* Deputy Director Engineering and Maintenance Air Inter

5:00 p.m. **Adjourn**

**Thursday - Phoenix 1, 2 & 3**

7:30 a.m. **Coffee and Registration**

### PRODUCTIVITY EVALUATION

8:30 a.m. **Job Design and Productivity** *Michael A. Champion, Ph.D.* Krannert School of Management Purdue University

9:15 a.m. **Measurement of Workforce Productivity** *Richard J. Campbell, Ph.D.* Professor of Psychology New York University

### OVERSIGHT AND LEGISLATION

10:00 a.m. **Legislation Trends** *John Pendergrass, C.I.H., P.E.* Pendergrass Associates, Inc.

10:45 a.m. **Break**

11:00 a.m. **Standards/Regulations Affecting Air Carrier Operations** *J. Russell Dugger* Assistant Regional Administrator Atlanta Regional Office USDOL/OSHA

11:45 a.m. **Lunch**

### NEW GENERATION MATERIALS

#### HOW THEY WILL AFFECT THE PHYSICAL ENVIRONMENT?

1:00 p.m. **Composites in the Workplace -- Some Lessons Learned** *James Mayr, M.D., MBA* Kurten Medical Group

### RECOMMENDATIONS AND CONCLUSIONS

1:45 p.m. **Panel Session: Chairmen** *William T. Shepherd, Ph.D. and James F. Parker, Jr., Ph.D.*

2:45 p.m. **Adjourn**