

# PROGRAMME

**12th Symposium on Human Factors in Aviation Maintenance  
10, 11, & 12 March 1998, Gatwick Hilton Hotel, Gatwick Airport, England**

**Tuesday 10 March 1998**

## **INTRODUCTION**

13.30 Symposium Opening Remarks

A joint welcome from **Don Sherritt, Transport Canada; John Goglia, NTSB; Peter Hunt, CAA**

13.55 Chairman's Address and Symposium Introduction

Chairman: **Peter Hunt, CAA Head of Operating Standards Division**

14.10 Human Factors in Maintenance, the Past, Present and Future

Speaker: **William Johnson, Galaxy Scientific Corporation**

14.40 Human Factors in Aerospace Maintenance - Perspectives from NASA Research and Operations

Speaker: **Barbara Kanki, NASA Ames Research Centre; Donna Blankmann-Alexander, United Space Alliance**

15.10 Coffee Break

## **SESSION ONE - DISCIPLINE AND LIABILITY**

15.40 Session Opening Remarks

Chairperson: **Tim Scorer, Dibb Lupton Alsop, Partner**

15.45 Discipline in a No Blame Culture

Speaker: **David Marx, Aviation Safety Consultant**

16.15 Corporate and Individual Liability for Human Error

Speaker: **David Stoplar, CAA Legal Advisers Office**

16.45 Questions and Discussion

19.00 Drinks Reception

**Wednesday 11 March 1998**

**SESSION TWO - HUMAN FACTORS - A REGULATORY VIEWPOINT**

09.00 Session Opening Remarks

Chairperson: **Tony Ingham, Head of Aircraft Maintenance Standards, CAA**

09.05 Human Factors - A Regulatory Viewpoint

Speakers: **David Hall, CAA; Leslie Vipond, FAA; Brian Whitehead, TC**

10.15 Coffee Break

10.45 Questions and Discussion

**SESSION THREE - A VIEW FROM THE SHARP END**

11.00 Session Opening Remarks

Chairperson: **Mick Skinner, Manager Quality Fleet 3, British Airways**

11.05 Learning Lessons the Hard Way

Speaker: **David King, Aircraft Accident Investigation Branch**

11.35 A Workplace Perspective of Human Factors

Speaker: **Gerry Evans, Association of Licensed Aircraft Engineers**

12.05 The Influence of Human Factors on the Safety of Aircraft Engineering & Maintenance - a UKOTG perspective.

Speaker: **Simon Witts, Engineering Director, Air UK**

12.35 Questions and Discussion

13.00 Lunch

#### **SESSION FOUR - HUMAN PERFORMANCE AND MRM TRAINING**

14.30 Session Opening Remarks

Chairperson: **Joe Kania, Director of Quality Control, US Airways**

14.35 Human Factors Training in the Training Schools

Speaker: **Gordon Dupont, Transport Canada**

15.05 Coffee Break

15.35 Evaluating the Effectiveness of Maintenance Resource Management

Speakers: **Michelle Robertson and James Taylor**

16.05 Making the Transition to Self Certification

Speaker: **Group Captain Jamie Mackreath, Royal Air Force**

16.35 Questions and Discussion

**Thursday 12 March 1998**

#### **SESSION FIVE - ERROR AND SAFETY MANAGEMENT**

09.00 Session Chair Opening Remarks

Chairperson: **David Nowzek, Regional Director, Civil Aviation, Transport Canada**

09.05 Human Factors as Part of a Safety Management System

Speaker: **Cliff Edwards, Shell Aircraft Ltd.**

09.35 Quality Management Systems in Aircraft Maintenance

Speaker: **Roger Wootton, Dean - School of Engineering, City University London**

10.05 Coffee Break

10.35 Error Management in a 3rd Party Repair Station

Speaker: **Bill Ashworth, VP Quality & Engineering, BF Goodrich Aerospace**

11.05 Organizational Culture and it's Affect on Safety

Speaker: **Gary Eiff, Purdue University**

11.35 The Measurement of Safety

Speaker: **James Reason, University of Manchester**

12.05 Questions and Discussion

12.30 Lunch

## **SESSION SIX - APPLYING HUMAN FACTORS PRINCIPLES**

14.00 Session Chair Opening Remarks

Chairperson: **Maureen Pettitt, Chief Scientific & Technical Adviser for Human Factors, FAA**

14.05 Creating a Procedures Culture to Minimise Risks

Speaker: **David Embrey, Human Reliability Associates Ltd.**

14.35 Guidelines in Producing an Effective Shift and Task Handover System

Speaker: **Bob Miles, Health and Safety Executive**

15.05 Moving Towards Digital Technology Publications: Selected Issues and Recommendations

Speaker: **Phil Hastings, Galaxy Scientific Corporation**

15.50 Questions and Discussion

16.20 Symposium Summary

16.40 Closing Remarks by **Richard Profit OBE, CAA Group Director, Safety Regulation**