RISK MANAGEMENT AND AVIATION SAFETY

Professor James Reason CBE

Professor James Reason has made an outstanding contribution to the understanding of human error in fields as diverse as aviation safety and patient safety, and of human factors in industrial safety generally. His work is recognised as seminal in the field of safety and 'human factors' and now underpins much health and safety practice around the world. FutureMedia is proud to be able to offer the following training packages that feature Professor Reason.

MANAGING HUMAN ERROR

Featuring Professor James Reason, this addresses human factors issues in high hazard industries. It aims to provide a comprehensive error management resource.

Professor Reason's expertise includes safety management systems, cost-benefit analysis models for safety and change management. Also featured in MHE is Professor Patrick Hudson of Leiden University.

The package includes a number of case studies, including the 1990 BA 5390 flight where the windscreen was blown out. And the loss of engine oil on a Boeing 737-400. Also included are:.

- A User's Guide, which allows easy application from toolbox to boardroom.
- 3 x DVD Programs.

- 3 Sets of Materials that support the DVD programs and provide resources for: Management Briefings, Training Courses, Workshops and Awareness Groups.
- Further Sets of Materials for management information and courses based on studies of international case histories. Resource manual to address human performance improvement issues.

Companies using this program include:

Air New Zealand / British Airways / Singapore Airlines / Federal Aviation Information Bureau – Australia / Civil Aviation Safety Authority – Australia / Air Transportation Safety Board – Australia / Exxon Mobil / BP / Chevron Texaco / Shell Expro / Woodside.

ENGINEERING SOLUTIONS TO HUMAN PROBLEMS

Produced in association with the International Federation of Airworthiness, this is a comprehensive training package for safety in aircraft maintenance.

Who should see the series?

- Senior General Managers who are not specialists in Error Management, but who are accountable for decisions with far reaching Human Factors Implications.
- Managers with specialist Safety and Quality Assurance responsibilities.
- Line Managers and Supervisors with responsibilities that put them in the forefront of the need to manage Human Error.

What will the series do?

- Provides managers, training course instructors and workshop facilitators, with resources which can open up the issues in the context of local needs and local resources.
- The series brings global Error Management Principles into local practice – location by location, activity by activity.

Contents: What is in the package?

The 11-element resource for Error Management in aircraft maintenance comprises 4 DVD programmes and PowerPoint support packages on CD-Rom.

Contents of the DVDs:

- Part 1 The Choice – "Manage Human Error or Human Error will manage us."
- Part 2 Engineering a Just Culture
- Part 3 How the world is moving – ICAO, JAR. New requirements
- Part 4 Changing our Future – Task, Team, Total Organization
- Part 5 Human Error Management Resource Material
- Part 6 Case Histories

Presentations:

- PowerPoint Slides and background notes for Management briefings, Training Courses, Workshops and Awareness Groups.

Support Material:

- Studies of International Case Histories apply experience from the wider world of Human Error Management.
- A Resource Manual to address Issues of Human Error Management.
- User's Guide and Briefings.

Companies using this program include:

Air New Zealand / AirUK / Alaska Airlines / British Airways / British European / British Midland/ Continental Airlines / Delta Airways / KLM / Lockheed / South African Airways.

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