



Royal Aeronautical Society  
Human Factors Group -  
*Rail and Aviation Working Group*

In collaboration with  
**The Ergonomics  
Society**



# Incident Reporting, Investigation and Analysis - Gathering Data for HF Programme Planning *A Joint Rail and Aviation Industry Seminar*

Royal Aeronautical Society, 4 Hamilton Place, London  
15 February, 2001

## *Morning Programme - Gathering Data*

*Timings are provisional and may change*

09:15	Registration
09:45	Ms. Louise Breary, <i>Principal Inspector, HMRI</i> <b>Chairman's Opening Comments</b>
09:50	Mr. John Chappelow, <i>Centre for Human Sciences, Defense Evaluation Review Agency</i> <b>Incident Reporting: What Use Is It?</b>
10:25	Mr. Bill Robinson, <i>Head of Risk Assessment, Railway Safety</i> <b>Human Factors Precursors in Railway Databases</b>
11:00	Coffee Break
11:45	Prof. John Davies, <i>University of Strathclyde</i> <b>CIRAS: National Confidential Reporting and Analysis (TBC)</b>
12:15	Capt. Michael O'Leary, <i>Manager, Human Factors Research. British Airways</i> <b>Human Factors Data Collection at British Airways</b>
12:45	Lunch

## *Afternoon Programme - Evaluating and Changing*

14:00	Mr. Cliff Edwards, <i>Quality and Safety Development Manager, Shell Aircraft</i> <b>Changing the Maintenance Culture</b>
14:25	Dr. Rachel Asch, <i>Human Factors Technology Group, Cranfield University</i> <b>Practical Aspects of Understanding and Implementing an Effective Safety Culture</b>
15:00	Coffee Break
15:20	Mr. Dean Benson, <i>Hornagold and Hills</i> <b>Risk Scenario Modelling</b>
15:50	<b>Panel Discussion</b>
16:20	<b>Close of Proceedings</b>

## Conference Overview

The first step in Human Factors programme development is data gathering. This conference looks at the kinds of information about human error (from operator performance to corporate culture) that can be gathered, and how to use and apply them to improving operational and engineering quality as part of a Human Factors/Error Management Safety Programme.

The miniconference addresses the problems encountered in introducing new doctrines to established companies, particularly the problems of changing the safety culture in engineering and maintenance organisations to be more open to human factors issues. Key features will be establishing programmes to collect human error data and the need to analyse the risks and measures more effectively to avoid human factors hazards and improve operational safety.

**Note:** Attendance is by pre-registration only. To register please return the attached form, with your cheque for £65, payable to the **CRM Working Group**, to:  
Mrs. Tricia Jolly, Human Factors Technology Group  
College of Aeronautics, Cranfield Univ. Cranfield Beds. MK43 0AL

### Forthcoming HFG Conferences

May 22/23, 2001 *Situation Assessment and Naturalistic Decision Making: HFG  
Miniconference, Royal Aeronautical Society, 4 Hamilton Place, London*

### Registration Form

Name: \_\_\_\_\_ Car Registration: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Address: \_\_\_\_\_  
Email: \_\_\_\_\_

Professional background (please tick whichever category applies best):

Training Manager		MRM Developer		Operational Manager	
Quality Manager		Human Factors Trainer		Regulator	
Maintenance Engineer		Safety Manager		Human Factors Spec.	
Rolling Stock Designer		Signals S&S		Pway Contractor	

**Please return this form with your cheque to:**

Mrs. Tricia Jolly, Human Factors Technology Group, College of Aeronautics, Cranfield Univ.  
Cranfield Beds. MK43 0AL

Your registration is confirmed when we receive it. If the event is oversubscribed we will advise you immediately if we cannot offer a place - N.B. *The deadline for registration and cancellation is 7 days before the conference.* Receipts are available at the door on request - they are not available before the conference. Please make cheques payable to the **CRM Working Group**.

**For registration information** see the HFG web site: <http://www.raes-hfg.com>, or contact Tricia Jolly, Cranfield University HF Technology Group at (ph) 01234-750111: mailto: [p.jolly@cranfield.ac.uk](mailto:p.jolly@cranfield.ac.uk)

**For programme information** contact:

Mr. Richard Heybroek  
L.O.F.T.work Ltd.  
29 Balcombe Road, Horley, Surrey RH6 7JR  
ph 01293-783232  
mailto: [rail@loftwork.demon.co.uk](mailto:rail@loftwork.demon.co.uk)

### Joining Instructions

The Royal Aeronautical Society is located next to the Intercontinental Hotel on Hyde Park, opposite Hyde Park tube station. Parking is available at the Intercontinental Hotel and locally. For more detailed joining instructions, please contact the RAeS Conference Office: [conference@raes.org.uk](mailto:conference@raes.org.uk), or phone 0207-670-4300.