



AUSTRALIAN AVIATION PSYCHOLOGY ASSOCIATION

Emerging Approaches in Safety Analysis

25-26 October 2005

Pilgrim House,
69 Northbourne Avenue
Canberra, Australia

AAvPA is proud to present a seminar on new approaches to analysing safety-related information. Selected experts and practitioners from a variety of backgrounds will present their work on how to make sense of complex sets of data so as to enhance safety. The seminar will involve a series of presentations, outlining new approaches for analysing a specific accident or incident. The seminar will also include presentations on approaches for analysing the safety health of a system by reviewing multiple information sources.



**Please register early - registrations after
7 October will depend on availability**

Places are limited!

The seminar has been designed for practitioners and researchers in aviation safety. Nonetheless, the content will be relevant to practitioners and researchers from other high reliability industries.

Further information on this AAvPA Seminar, is available on the AAvPA web-site:

www.aavpa.org

For any inquiries, please contact one of the following:

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**Emerging Approaches in Safety Analysis
Seminar Program**

Tuesday 25 October 2005

- 0830-0900 Registration (Tea/Coffee)
- 0900-0910 Welcome and Seminar Overview
- 0910-1030 ATSB Guidelines on Investigation Analysis (Dr Mike Walker, Australian Transport Safety Bureau)
- 1030-1100 Morning Tea*
- 1100-1230 Part I: Rational Cognitive Models and the 2002 Ueberlingen Mid-Air Collision (Prof. Peter Ladkin, Uni. of Bielefeld)
- 1230-1330 Lunch*
- 1330-1500 Part II: Rational Cognitive Models and the 2002 Ueberlingen Mid-Air Collision (Prof. Peter Ladkin, Uni. of Bielefeld)
- 1500-1530 Afternoon Tea*
- 1530-1700 Use of the Theory of Constraints in Investigation Analysis (Dmitri Zotov, Civil Aviation Safety Authority)
- 1800-2000 Social - Informal dinner at Asian Café, Melbourne Building, 32 West Row, Civic.
(Note: This social event is not included in registration fee)*

Wednesday 26 October 2005

- 0900-1000 The Longford Gas Plant Explosion And Accimap Analysis (Prof. Andrew Hopkins, Australian National University)
- 1000-1100 New Approaches To Analysing Operational Safety Information for a Large Airline (Bob Dodd, Qantas)
- 1100-1130 Morning Tea*
- 1130-1230 Measuring, Analysing and Predicting Safety At Airservices Australia (Dr Christine Boag-Hodgson, Airservices Australia)
- 1230-1330 Lunch*
- 1330-1500 Flight-Crew Performance Modelling: A Systems Approach to Analysis and Investigation (David Harris & Dr Matthew Thomas, Uni. of South Australia)
- 1500-1530 Afternoon Tea*
- 1530-1630 Safety Analysis - Where To From Here? (Panel discussion)

