

Reachout No. 15

**Jeddah, Saudi Arabia
From 22 to 30 November 2005**

**Hosted by:
Saudi Arabian Airlines**

1. Introduction and contents

1.1 Saudia Arabian Airlines hosted the 15th ISASI Reachout Workshop on Aircraft Accident Investigation and Safety Management Systems in Jeddah. The workshop was opened on Tuesday 22 November 2005 by the Vice-President – Flight Operations Department, Captain Talal Ageel.

1.2 The workshop was held in the facilities of Saudi Arabian Airlines, the CRM and human factors training auditorium. At the end of the workshop, a festive cake of served in the presence of executive and managerial level participation from Saudi Arabian Airlines. The executive and managerial participants at the closing ceremony included Captain Talal Ageel (Vice-President – Flight Operations Department), Captain Fareed Alshingiti (General Manager – Flight Operations Standards and Quality Assurance) and Captain Mohammed Hersi (Manager Technical Quality Assurance).



1.3 The safety management systems (SMS) module comprised three working days. It was conducted by Jim Stewart and Caj Frostell. This module contained presentations on the international and national requirements for SMS, statistics and need for data, the safety eras, the SHELL model, the Reason model, the MEDA/PEAT analysis tools, safety management evolution, building a non-punitive reporting program, SMS processes, lessons from the Challenger accident, risk management, safety culture, dealing with change, regulating SMS, assessing an SMS program, and some case studies.

1.4 The accident investigation module comprised five working days. It was conducted by Caj Frostell and David King (Chief Inspector of Accidents, AAIB – UK). This module contained presentations on ICAO requirements and international obligations, Annex 13, selection and training of investigators, planning and organization to conduct an investigation, procedures and checklists, wreckage recovery, field investigation, accident site management, group organization, flight recorders, technical investigation, operations investigation, off-scene testing, crashworthiness, witness interviewing, pathology, family assistance, avoidance and protection of biohazards exposure, news media, factual reports and public records, writing the

final report, identification of safety deficiencies, making safety recommendations, and several interactive case studies, including the Pan Am Boeing 747 accident at Lockerbie in the United Kingdom.

2. Participants

2.1 There were 40 participants, mostly from different departments within Saudi Arabian Airlines. A few of the participants were inspectors from the Presidency of Civil Aviation (PCA). The participants received ISASI certificates for the combined accident investigation and safety management systems workshop.

2.2 Saudi Arabian Airlines and the participants were appreciative of the ISASI initiative to bring the Reachout Workshop Programme to Jeddah. ISASI membership forms and corporate membership forms were made available to the participants, although several participants were already ISASI members.



3. Participant hand-outs and materials

3.1 The instructors prepared the training material for their modules consisting of paper handouts, CD-ROM libraries of published manuals and booklets. Each participant received copies of documents and CD-ROMs with considerable background materials for future reference. The reproduction of the handouts was done at the Saudi Arabian Airlines facilities.

4. Sponsorships

4.1 The Saudi Arabian Airlines covered all travel and daily subsistence costs for the three instructors. There was no need for ISASI to obtain additional sponsorship from ISASI sources for the workshop.

5. Additional meetings

5.1 The instructors appreciated the opportunity of guided tours of the Saudi Arabian Airlines training facilities, class rooms, and the simulator training centre. Excellent facilities was the conclusion.

5.2 The instructors also had an opportunity to meet with a number of ISASI members working for Saudi Arabian Airlines, including Captain Saad Alshehri - Vice-President of Corporate Safety, Captain Hameed Al-Ghamdi – General Manager for Corporate Safety and several managers and staff with Corporate Safety.

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