

Reachout No. 18

**Jeddah, Saudi Arabia
From 4 to 15 November 2006**

**Hosted by:
Saudi Arabian Airlines**

1. Introduction

1.1 Saudia Arabian Airlines (SVA) hosted the 18th ISASI Reachout Workshop on Aircraft Accident Investigation and Safety Management Systems in Jeddah. The workshop was opened on Saturday 4 November 2006 by Captain Fareed Alshingiti, General Manager – Flight Operations Standards and Quality Assurance.

1.2 The workshop was held in the facilities of Saudi Arabian Airlines, the CRM and human factors training auditorium of the Prince Sultan Aviation Academy. At the closing ceremony on Wednesday 15 November 2006, the certificates were presented to the participants by Captain Talal Ageel (Vice-President – Flight Operations Department). Other executive and managerial level participation from SVA included Captain Fareed Alshingiti (General Manager – Flight Operations Standards and Quality Assurance) and Captain Mohammed Hersi (Manager Technical Quality Assurance).

2. Technical content of the workshop

2.1 The workshop comprised three modules, i.e. aircraft accident investigation, safety management systems (SMS) and aviation medicine.

2.2 The aviation medicine module was given by Dr. Anthony Evans, Chief of the Aviation Medicine Section in ICAO. Dr. Evans covered the medical decision-making process in aviation medicine, the assessment of acceptable medical risk for airline pilots, the upper age limit for airline pilots, pandemic preparedness by airlines and State authorities, and color vision standards and testing. The last presentation included a case study of a Boeing 727 accident which included color vision as a contributory cause

2.4 The safety management systems (SMS) module was conducted by Mike Doiron and he was assisted by Caj Frostell. This module contained presentations on the international standards and national requirements for SMS, planning for SMS, management commitment to SMS, emergency response, non-punitive reporting policy, hazard identification, organizational factors, and an overview, examples and case studies

of risk management. The human factors subjects covered included situational awareness, runway incursions, communications, crew conflicts, fatigue and stress.

2.4 The accident investigation module was given by Caj Frostell. He was assisted by Alain Guillardou from BEA, France and Mike Dorion. This module contained presentations on the international requirements and obligations in ICAO Annex 13, planning and organization for a major 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, writing the final report, identification of safety deficiencies, making safety recommendations, and several interactive case studies, including the Swissair MD-11 accident and the MK Airlines Boeing 747 accident in Halifax, Nova Scotia, Canada. The presentations by Mr. Guillardou included handling the news media, the family assistance programs and the support by BEA available to other countries, including case studies of the Airbus A300 accident in New York in 2001 and the Boeing B727 accident in Benin in 2003.

3. Participants

3.1 There were 31 participants. A majority of the participants were from different departments within Saudi Arabian Airlines. Several of the other participants were inspectors with the General Authority of Civil Aviation (GACA). The participants received ISASI certificates for the combined accident investigation and safety management systems workshop.

3.2 The executives and the managers of Saudi Arabian Airlines and the participants were very appreciative to ISASI for bringing the Reachout Workshop Programme to Jeddah again. ISASI membership forms and corporate membership forms were made available to the participants, although several participants were already ISASI members.

4. Participant hand-outs and materials

4.1 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. All the administrative arrangements at the training centre were done by Mr. Essam Hanbazaza, including the reproduction of the handouts and the CDs.

4.2 Mr. Essam Hanbazaza was also in charge of selecting the buffet lunches for the participants and the instructors. He turned out to be an excellent gourmet in his choices of different local ethnic delicacies of the region. The outstanding assistance rendered to the instructors by Essam was invaluable and memorable in all aspects.

5. Sponsorships

5.1 The Saudi Arabian Airlines covered all travel arrangements and daily subsistence costs for the four instructors, in an outstanding manner.

6. Additional meetings

6.1 The instructors appreciated the opportunity of tours of the Saudi Arabian Airlines training facilities, class rooms, and the simulator training centre. The facilities were very impressive.

6.2 The instructors also had an opportunity to meet with a number of ISASI members working for Saudi Arabian Airlines. Dr. Osama Bahannan was a participant in the workshop. He had been the chief medical officer with Saudi Arabian Airlines and was now Director of Aviation Medicine with GACA. The instructors had an opportunity to meet with him also outside the workshop to discuss aviation medical programs initiated in the Kingdom of Saudi Arabia. The programs were outstanding.



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