

Reachout No. 31

**Karachi, Pakistan
From 30 June to 11 July 2008**

**Hosted by
Safety & Investigation Board,
Civil Aviation Authority of Pakistan**

1. Introduction

1.1 The Safety & Investigation Board, Civil Aviation Authority (CAA) of Pakistan hosted the 31st ISASI Reachout Workshops on *Fundamentals of Aircraft Accident Prevention and Investigation (FAAPI)* from 30 June to 11 July 2008 in Karachi, Pakistan. The workshop took place under the auspices of the Director General of CAA Pakistan, Mr. Farooq Rahamatullah, who extended his full support without which it would not have been possible to conduct this workshop. Mr. Rahamatullah was also promoting regional cooperation as Chairman of the Steering Committee of COSCAP-SA.

1.2 The two week workshop was opened on 30 June 2008 by the Deputy Director General of CAA Pakistan, Air Vice Marshal Sajid Habib. The workshop was held at the Pakistan International Airlines (PIA) Training Centre in Karachi. At the closing ceremony on Friday 11 July 2008, ISASI certificates were presented to the 46 participants.

2. Administrative arrangements

2.1 The Course Director was Wing Commander (Retd) Syed Naseem Ahmed, Technical Investigator with the Safety & Investigation Board, CAA of Pakistan. Wing Commander Ahmed designed and planned the workshop, and executed the arrangements in a perfect manner. He had also planned and executed the earlier ISASI SMS Reachout Workshop in Hyderabad and Karachi in November 2007. Wing Commander Ahmed is an experienced instructor and an ISASI member. He has been instrumental in promoting and organizing aviation safety training in Pakistan. The staff of the Safety & Investigation Board also took a keen interest in the arrangements and attended in an excellent manner to the workshop participants during their stay in Karachi.

2.2 The workshop was specifically designed for a wide range of domestic and international attendees who have begun or who have planned to begin a career in aviation safety. The workshop was intended to be a basic course, but at the same time a cutting edge course with world class expert instructors in accident prevention and investigation. The workshop was designed to provide a strong understanding and reinforcement of safety management systems and aircraft accident and incident investigation fundamentals, practices, tools and techniques upon which a career as aviation safety professional can be built.

2.3 The PIA Training Centre at Karachi / Jinnah International Airport was a state of the art training facility. The official workshop hotel was the Ramada Plaza Karachi Airport Hotel.

3. Technical content of the workshop

3.1 The lead ISASI instructors were Mr. Alan Stray (from the Australian TSB) and Mr. Caj Frostell (ISASI International Councillor). Additional instructors included Air Commodore Abbas Pettiwala, Wing Commander Syed Naseem Ahmed, the Director of AAIB – Singapore Mr. Chan Wing Keong, and Mr. Michael Toft of AAIB – Singapore.

3.2 Presentations were provided on the international requirements and obligations for aircraft accident investigation (ICAO Annex 13), the organization of an accident investigation agency, planning and organization for investigations, the role of an airline in a major accident investigation, accident site procedures and management, accident site hazards, field investigation, Australian TSB procedures, flight recorders and the Singapore AAIB Flight Recorder Readout Facility, crisis management (news media and family assistance), off-scene follow-up work, preservation of evidence, technical investigation including powerplants and propellers, flight operations investigation, crashworthiness, human factors, witness interviewing, basic safety concepts and SMS principles, operator incident reporting and investigation as part of SMS, what an investigator should know about SMS, writing the final report, identification of safety deficiencies, making safety recommendations, and a multitude of interactive case studies, including a Fokker F27 accident, an IL-76 accident in East Timor, a B737 overrun accident in Indonesia, Adam Air B737 accident, a B737 accident involving failure to pressurize, a video of a B737 investigation in Panama, an incident involving hail damage, an incident to a DC-9 in Kosovo, and an Airbus A330 fuel exhaustion and landing in the Azores.

4. Participant hand-outs and materials

4.1 The instructors prepared master copies of their training material. CAA Pakistan arranged for reproduction of the presentations consisting of hardcopy participant handouts, and CDs of published manuals and documentation. Each participant received CDs with a considerable amount of background materials on industry best practices. In addition, ISASI membership forms and corporate membership forms were made available to the participants.

4.2 The excellent arrangements in Karachi were accomplished by Air Commodore Abbas Pettiwala and Wing Commander Syed Naseem Ahmed of the Safety & Investigation Board of CAA Pakistan. The outstanding arrangements and assistance rendered to the instructors were invaluable in all aspects.

5. Participants

5.1 There were a total of 46 participants. In addition to the two staff members of the Safety & Investigation Board, the CAA Pakistan had seconded 8 participants representing different departments of CAA. An invitation to the workshop had also been extended to all the Pakistani operators and the 12 participants represented PIA, Shaheen Air, JS Air, Air Blue, and Star Air. There were 16 participants from the Defence Forces (Army, Navy and Air Force).

5.2 An invitation to the workshop had been extended to neighbouring countries. The 10 participants were from Iran (2), Iraq (4), Syria (2), Thailand (1), and UAE (1).

5.3 Several participants mentioned with appreciation that it was a unique opportunity as the total aviation industry (CAA, airlines, defence forces) was brought together to discuss aviation safety issues. From an ISASI instructor perspective, it was also a unique opportunity as many participants were from countries with little or no previous ISASI connections and exposure. The workshop was a very interesting forum for exchanging experiences, different ways of implementing safety strategies, handling of emergency situations, carrying out investigations and safety actions, and ideas for the future.

5.4 The management of CAA Pakistan was very appreciative to ISASI for bringing a repeat Reachout Workshop Programme to Pakistan but with a different emphasis (more accident investigation).

6. Sponsorships

6.1 The travel of the instructors and their accommodation in the Ramada Plaza Karachi Airport Hotel was sponsored by CAA Pakistan. The participating organizations, including the airlines and the Pakistan Airline Pilots Association (PALPA) provided significant additional sponsorships.



Air Vice Marshal Sajid Habib opens the ISASI Reachout Workshop in Karachi



Air Vice Marshal Sajid Habib briefs media with Wing Commander Syed Naseem Ahmed to the left



Alan Stray instructing the ISASI Reachout Workshop in Karachi



Caj Frostell instructing the ISASI Reachout Workshop in Karachi

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