

## Reachout No. 16

### For the Nordic Countries

in Helsinki, Finland from 24 to 28 April 2006

Hosted by:  
The Accident Investigation Board of Finland

#### 1. Introduction

1.1 The Accident Investigation Board of Finland hosted the 16<sup>th</sup> ISASI Reachout Workshop. The workshop was arranged for the Nordic countries (Denmark, Finland, Iceland, Norway and Sweden) as an Advanced Aircraft Accident Investigation Workshop. The workshop was opened on Monday 24 April 2006 by the Director of the AIB – Finland, Mr. Tuomo Karppinen. Mr. Karppinen was assisted throughout the workshop by the aviation investigators Mr. Esko Lahteenmaki and Mr. Hannu Melaranta of the AIB - Finland.

1.2 The workshop was held in the conference room of the Ministry of Justice in Finland. On the evening of the first day of the workshop, a most enjoyable get-together party was held in the conference facilities.



Mr. Tuomo Karppinen, Director AIB-Finland



Three investigators from Denmark



Ron Schleede, Alain Guillardou (BEA, France),  
Kathie Schleede and Raila Vendelin-Frostell



Edith Irgens from AIB-Norway

## 2. Content of the Workshop

2.1 The advanced accident investigation workshop comprised five working days. It was conducted by Caj Frostell, Alain Guillardou and Ron Schleede. The workshop contained presentations on the requirements and international obligations contained in ICAO Annex 13, selection and training of investigators, preparing investigators and their managers for a major investigation, planning and organization to conduct an investigation, procedures and checklists, underwater wreckage recovery, field investigation, accident site management, group organization and group progress meetings, flight recorders, technical investigation, flight operations investigation, off-scene testing, crashworthiness, witness interviewing, human factors, 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 eight interactive case studies.

2.2 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. In addition, courtesy of ICAO, each participant received the ALAR Tool Kit CD and the GAIN – An Operator Safety Handbook CD.

## 3. Participants

3.1 There were a total of 30 participants in attendance; three from the AIB – Denmark; one from Estonia; one from AAIB – Iceland; two from AIB - Norway; eight from AIB – Sweden; and 16 from the AIB – Finland as well as from the Finnish Air Force, the Finnish Defence Forces, Finnair, Air Finland, Blue 1 and the Finnish CAA. As the Accident Investigation Boards in Denmark, Finland, Norway and Sweden are multimodal accident investigation boards, several participants represented other modes of transport than aviation.

3.2 Of the participating organizations, at least four were corporate members of ISASI (AIB-Finland, AIB-Norway, AIB-Sweden and Finnair). In addition, some of the participants were individual ISASI members. The participants expressed their appreciation to ISASI for bringing the workshop and the ISASI activities to the Nordic countries. The ISASI membership forms and ISASI corporate membership forms were made available to the participants.

3.2 The participants received ISASI certificates for participation in the advanced aircraft accident investigation workshop.

Mr. Tuomo Karppinen, Director AIB-Finland  
with Caj Frostell and Ron Schleede

The 16<sup>th</sup> ISASI Reachout Workshop in  
Helsinki, Finland

#### 4. Sponsorships

4.1 The AIB - Finland hosted the workshop and covered the costs involved. There was no need for ISASI to obtain additional sponsorship from ISASI sources for the workshop. Local sponsorships were provided in the form of a registration fee for participation in the workshop.

- End -

### **Nordic Advanced Aircraft Accident Investigation ISASI Workshop Helsinki, Finland 24 to 28 April 2006**

#### *Lecturers*

Caj Frostell, Finland  
Alain Guillardou, BEA, France  
Ronald L. Schleede, USA

#### *Participants*

##### **Denmark**

Kurt Færch Madsen, AIB  
Flemming Bang Nielsen, AIB  
Martin Puggaard, AIB

##### **Estonia**

Jens Haug, Ministry of Economic Affairs and Communications

##### **Finland**

Markus Bergman, AIB  
Ari Huhtala, AIB  
Tuomo Karppinen, AIB  
Pekka Kuoppala, Finnish Air Force  
Jari Lyytinen, Air Finland  
Esko Lähteenmäki, AIB  
Jarmo Lumiaho, Finnair

Hannu Melaranta, AIB  
Kimmo Nortaja, Finnish Air Force  
Henri Rautiainen, Blue1  
Kari Siitonen, AIB  
Jarmo Tuulaniemi, Defence Forces  
Kai Valonen, AIB  
Samuli Vuokila, Finnish Civil Aviation Authority  
Tapani Vääntinen, AIB  
Esko Väärttiö, AIB

**Norway**

Edith Irgens, AIBN  
Tor Nørstegård, AIBN

**Sweden**

Ylva Bexell, AIB  
Stefan Christensen, AIB  
Sakari Havbrandt, AIB  
Åsa Kastman-Heuman, AIB  
Urban Kjellberg, AIB  
Sanny Shamoun, AIB  
Gerd Svensson, AIB  
Agne Widholm, AIB