



WORKING PAPER

**SPECIAL AFRICA-INDIAN OCEAN (AFI)
REGIONAL AIR NAVIGATION (RAN) MEETING**

Durban, South Africa, 24 to 29 November 2008

Agenda Item 4: Current status of aviation safety and related activities in the Africa-Indian Ocean (AFI) Region (Safety Committee)

AVIATION SAFETY INITIATIVES IN THE CZECH REPUBLIC

(Presented by the Czech Republic)

SUMMARY

This paper reviews the history and success of the international courses in aviation safety and accident prevention and investigation (AAPI) organized by the Southern California Safety Institute (SCSI) together with the Ministry of Transport (MOT) of the Czech Republic. These international courses will be ideal for all those who have previously taken an AAPI course as well as more experienced accident investigators and other aviation safety professionals.

Action by the meeting is in paragraph 3.

1. INTRODUCTION

1.1 In line with ICAO Assembly Resolution A33-16 and the Global Aviation Safety Plan, the Czech Republic initiated activities in aircraft accident investigation and prevention. The first Reachout Workshop organized together with the International Society of Air Safety Investigators (ISASI) was held in Prague, Czech Republic in May 2001. More than 100 representatives from eleven countries attended. On the basis of very positive results of this workshop, ISASI decided to continue in this important activity and thirty-one workshops have been held thus far.

1.2 From 1967 through 2001, the Institute of Aviation Safety of Swedavia conducted an annual course in aircraft accident prevention and investigation. Following the course in 2001, Swedavia announced that it would no longer offer the course.

1.3 The Southern California Safety Institute (SCSI) together with the Ministry of Transport (MOT) of the Czech Republic decided to continue that tradition by offering a similar international course in aviation safety "Aircraft Accident Prevention and Investigation (AAPI)" to be held in Prague, Czech Republic.

2. DISCUSSION

2.1 The MOT of the Czech Republic worked with ISASI corporate member SCSi representatives and the team designed a training course dealing with aircraft accident investigation and safety programme management. The first two-week course was held in Prague in 2002. The AAPI course has been held in Prague annually since 2002. In response to many attendee requests the popular SCSi Certificate in Aircraft Accident Investigation and Certificate in Safety Management Systems (SMS) courses have been brought to Prague in addition to the AAPI course by SCSi together with the MOT.

2.2 The students received valuable information from subject matter expert instructors in the following areas: investigation management, investigation techniques, technology, physiology, human factors, safety management and operational risk management. Training is conducted in the Czech Airlines Training Centre close to Prague – Ruzyne Airport. The classroom is an excellent state-of-the-art training room.

2.3 From 2002 through 2008 the accident investigation training courses were successful with the total of over 250 investigators trained so far. Courses are designed for a wide range of international attendees who have begun or who plan to begin a career in aviation safety. This is a basic, but cutting edge course with world class expert instructors in accident prevention and investigation. It provides a strong basic understanding and reinforcement of safety prevention and investigation fundamentals, practices and tools and techniques upon which a strong career as an aviation safety professional can be built.

2.4 ICAO and the European Civil Aviation Conference (ECAC) Group of Experts on Accident Investigations (ACC) was informed of this activity and support this effort, which is in line with the 1999 Accident Investigation and Prevention Divisional Meeting (AIG/99), Assembly Resolutions A33-16 and A36-10, and with the ICAO Global Aviation Safety Plan.

2.5 Due to the fact that over 250 investigators have already participated in the basic AAPI courses, SCSi together with the MOT will organize “The Advanced AAPI course” in Prague from 20 April to 1 May 2009. The Advanced AAPI course will cover topics such as lessons learned in major accident investigations, the latest in accident photography with laser and built-in global positioning system (GPS) cameras, Human Factors Analysis and Classification System (HFACS)/HFIX, flight data analysis in accident investigation, and lessons learned in SMS gaps analysis and implementing SMS. It will be ideal for all those who have previously taken AAPI course as well as more experienced accident investigators and other aviation safety professionals.

2.6 Further information may be obtained on the SCSi website at www.scsi-inc.com.

3. ACTION BY THE MEETING

3.1 The meeting is invited to acknowledge the benefits of the international courses in aviation safety (Prague, Czech Republic) which strongly support ICAO goals to provide enhanced training and education of aviation safety professionals and to improve skills of investigators from different regions.

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