

**ANNOUNCING AN INTERNATIONAL COURSE IN
AVIATION SAFETY**



***AIRCRAFT ACCIDENT PREVENTION AND INVESTIGATION
(AAPI)***

27 MARCH—7 APRIL 2006

**PRESENTED BY SCSi
IN COOPERATION WITH
THE MINISTRY OF TRANSPORT, CZECH REPUBLIC**



REVISED: 31 OCTOBER 2005

A TRADITION CONTINUES . . . FROM STOCKHOLM, TO PRAGUE

From 1967 through 2001, the Institute of Aviation Safety of Swedavia conducted an annual course in Aircraft Accident Prevention and Investigation. The course was taught at the Royal Institute of Technology in Stockholm, Sweden, and attracted over 2,700 students from some 100 nations. Following the course in 2001, Swedavia announced that it would no longer offer the course. The loss of that course created a void in aviation safety training as there was no comparable course available in Europe.

SCSI decided to continue that tradition by offering a similar International Course in Aviation Safety in Prague, the Czech Republic. SCSI conducted its first aviation safety course in Prague in 2002, followed by a course in April 2003, April 2004 and three courses in

April 2005. The facilities and the support staff in Prague have been excellent in all respects.

As a result of the success in offering an aviation safety course in Prague, Mr. Ladislav Mika of the Czech Ministry of Transport suggested that SCSI consider expanding the number of courses offered in Prague to meet the need for more comprehensive aviation safety training. SCSI agreed and this Accident Prevention and Investigation Course is part of that expanded offering.

Why Prague? Prague is an extraordinary city to visit at any time and for any reason. In addition to the beauty and history of "Golden Prague," it is centrally located, convenient to reach, expenses are low, and the transportation and course support facilities are excellent.

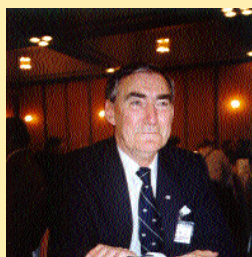
COURSE MANAGEMENT

COURSE MANAGER

The SCSI on site course Manager will be Mr. John E. Richardson. John E. Richardson is Technical Director and Dean of Training Programs for Southern California Safety Institute. He is responsible for the management of all training and consulting operations worldwide. He is a Certified Safety Professional, System Safety Engineering, and a Certified Hazard Control Manager. He has over fifteen years experience teaching accident investigation, aviation safety management and system safety engineering courses both at the undergraduate and graduate level. At the McDonnell-Douglas Long Beach facility, he managed the Systems Safety Technology Group which developed all company-wide safety analysis procedures and processes. This group also developed and implemented a new system safety analysis process for the entire manufacturing activity at the Long Beach facility. He has USAF Aircraft Accident Board experience as pilot member, investigating officer and safety advisor. He is a professional member of ASSE, a senior member of the System Safety Soci-

ety and a member of the International Society of Air Safety Investigators.

SPECIAL COURSE ADVISORS



Olof Fritsch
(Former Course Director, Swedavia International Course in Aviation Safety) and member, SCSI Board of Advisors.



Richard H. Wood
(Former Senior Faculty, Swedavia, International Course in Aviation Safety) and member, SCSI Board of Advisors.

COURSE FACULTY

CAJ FROSTELL

Caj is the immediate past Chief of the Accident Investigation and Prevention Section of the International Civil Aviation Organization (ICAO) in Montreal. He has served as team leader and accident investigator for ICAO during numerous investigations. Prior to his work with ICAO, he was Chief of Accident Investiga-

tion with the Board of Aviation in Finland for 13 years.

DAN ÅKERMAN

Since 1998 Dan has been working full time for the Swedish Accident Investigation Board (SHK) as a Chief Technical Investigator, Aviation. Prior to that he performed aircraft accident investigations for the board.

COURSE FACULTY CONTINUED

JOHN KENNEDY, MD

Dr. Kennedy is a graduate of the University of Iowa College of Medicine, receiving his MD in 1962, and also the Mayo Graduate School of Medicine in 1968, receiving his degree in Internal Medicine. His post graduate thesis was on the physiologic consequences of space flight. Since 1972 he has been a Senior Lecturer at the Naval Postgraduate School, Monterey, California, in Aviation Safety, teaching Bio-Medicine, High Altitude Physiology and aircraft accident prevention. Dr. Kennedy is currently a lecturer at the Southern California Safety Institute in Aviation Physiology concerning aircraft accident investigation. Dr. Kennedy completed the USAF School of Aerospace Medicine and obtained the rating of Flight Surgeon in 1963. He served as Flight Surgeon member on a USAF Class A Mishap Investigation Board. He maintains a full time internal medicine practice with many patients from the aviation field. Dr. Kennedy has developed course materials for NP65 Aviation Safety Courses and participated in development of a FAA video on mid-air collision avoidance.

RICK ANGLEMYER

With over twenty-six years experience in training design, development, instruction, and operations management, Mr. Anglemeyer has been involved exclusively with aviation safety training for the past seven years. As a facilitator, Quality Assurance supervisor and lead instructor in Crew Resource Management (CRM) and aviation human factors training, he has facilitated seminars, workshops and provided simulator training to U.S. Air Force, commercial, corporate and foreign military and commercial aircrew. He is a member of the International Society of Air Safety Investigators and the Human Factors & Ergonomics Society. Rick holds a Master of Business Administration degree in personnel management and a Bachelor of Business Administration degree in marketing.

LADISLAV MIKA

From 1971 to 1978, Mr. Mika was with Czechoslovak Airlines Chief of the Office of the Flight Director. Since 1978, he has been with the Czech Ministry of Transport, Civil Aviation Department, working as Chief of the Flight Operations Division. From 1986 he has been the Second and then First Vice-Chairman, European Air Navigation Planning Group, ICAO. Since 1997 he has also been a Member of the ECAC Group of Experts on Accident Investigation. For 23 years he has been on the Permanent State Commission for investigation of Air Accidents in the Czech Republic. He is currently a member of the Group of Eurocon-

trol, European Organization for the Safety of Air Navigation as well as a member of ISASI.

RON SCHLEEDE

Ron served in the NTSB most recently as the Chief, Major Aviation Accident Division (1986-1995), and as Deputy Director, Office of Aviation Safety (1995- December 1999). From December 1999 to June of 2000 Ron served as Director of Investigations -- Air, for the Transportation Safety Board of Canada where he managed the aviation accident/incident investigation program for Canada. He also served four years as Major Aviation Go-Team Investigator In Charge, and helped Manage NTSB International Aviation Affairs for 15 years. He led NTSB "ice-breaking" delegations to China and Russia in late 1980s, and has represented NTSB at European Civil Aviation Conference (ECAC) annual meetings of the Group of Experts in Aircraft Accident Investigation from 1990 to 1999. He led U.S. Delegations to ICAO Divisional Meetings in 1992 and 1999, at which Annex 13 to the Chicago Convention and other related topics were amended. Ron also served as a member of multi-national team charged with reviewing and amending ICAO Accident/Incident Investigation Manual, 1992 to 1999

JOHN RICHARDSON, CSP, CHCM

(see course manager description)

MIKE DOIRON

In 1996 Mike Doiron accepted a position with System Safety, Transport Canada. His duties included providing Safety Awareness training in Crew Resource Management, Pilot Decision Making, Human Performance in Aircraft Maintenance, Human Factors in ATC Operations, Company Aviation Safety Officer and Human Factors in Airport Operations. He has conducted Research and Development of new Safety and Awareness Programs based on identified incident trends. He was the Risk Management facilitator for Transport Canada where he maintained the Occurrence reporting system for the Atlantic Region and served as the Minister's Observer on a number of high profile aircraft accidents, most notable being the SWR111 accident September 2, 1998. Mike is currently the responsible person within Transport Canada for overseeing the implementation of Safety Management Systems and has been assigned responsibility for several studies related to the implementation of SMS in Canadian Aviation. He completed the Certificate Program in Aviation Safety Management with The Southern California Safety Institute in May 2001.

PRELIMINARY COURSE SCHEDULE

WEEK 1 (27–31 MAR)

	MONDAY 27	TUESDAY 28	WEDNESDAY 29	THURSDAY 30	FRIDAY 31
0830	1. Administration Student Introductions John Richardson	9. Human Factors Aviation Physiology John Kennedy	17. Medical Investigation John Kennedy	25. Safety Analysis John Richardson	33. Introduction to Accident Investigation Caj Frostell
0930	2. Introduction to Safety Management Systems Mike Doiron	10. Human Factors Aviation Physiology John Kennedy	18. Medical Investigation John Kennedy	26. Safety Analysis (2) John Richardson	34. ICAO and Annex 13 - the International Requirements Caj Frostell
1020-1040	Coffee Break				
1040	3. Essentials of a Safety Management System Mike Doiron	11. Human Factors Aviation Physiology John Kennedy	19. Medical Investigation John Kennedy	27. Safety Information Management John Richardson	35. Rights and Obligations of the States Involved Caj Frostell
1140	4. Senior Executive Commitment Mike Doiron	12. Human Factors Aviation Physiology John Kennedy	20. Medical Investigation John Kennedy	28. Safety Information Management (2) John Richardson	36. Organization and Planning for Major Investigations Caj Frostell
1230-1330	Lunch				
1330	5. SMS Policy & Objectives Mike Doiron	13. Risk Management (2) Mike Doiron	21. Human Error Problems and Human Factors Investigation Rick Anglemyer	29. Human Error Problems and Human Factors Investigation Rick Anglemyer	37. Accident Investigation Management Tools Caj Frostell
1430	6. SMS Policy & Objectives (2) Mike Doiron	14. Risk Management (3) Mike Doiron	21. Human Error Problems and Human Factors Investigation Rick Anglemyer	30. Human Error Problems and Human Factors Investigation Rick Anglemyer	38. Selection and Training of Investigators Ron Schleede
1520-1540	Coffee Break				
1540	7. Organization for Safety Mike Doiron	15. Hazard Identification Systems Mike Doiron	23. Human Error Problems and Human Factors Investigation Rick Anglemyer	31. Human Error Problems and Human Factors Investigation Rick Anglemyer	39. Relationships and Trust – No-Blame Investigations Ron Schleede
1640	8. Risk Management Mike Doiron	16. Hazard Identification Systems (2) Mike Doiron	24. Human Error Problems and Human Factors Investigation Rick Anglemyer	32. Human Error Problems and Human Factors Investigation Rick Anglemyer	40. Underwater Wreckage Recovery Caj Frostell Ron Schleede

SATURDAY, 1 April –Wreckage Analysis Exhibit—Dan Akerman

PRELIMINARY COURSE SCHEDULE

WEEK 2 (3 - 7 APRIL)

	MONDAY 3	TUESDAY 4	WEDNESDAY 5	THURSDAY 6	FRIDAY 7
0830	41. Aircraft Parts Analysis Dan Akerman	49. Flight Recorders - Animation Caj Frostell	57. Overview of the Technical Investigation (con't) Caj Frostell	65. Family Assistance Programs Caj Frostell	73. Lessons Learned Ladislav Mika
0930	42. Accident Scenario Henrick Elinder	50. Case Study – DHL A300 in Bagdad Caj Frostell	58. Hail Damage – Case Study Discussion Caj Frostell	66. Case Study - B747 in Guam Caj Frostell Ron Schleede	74. Lessons Learned Ladislav Mika
1020-1040	Coffee Break				
1040	43. Accident Scenario (2) Henrick Elinder	51. Off-Scene Follow-Up Work Ron Schleede	59. News Media Caj Frostell	67. Case Study – MD80 in Little Rock, Arkansas, USA Caj Frostell Ron Schleede	75. Lessons Learned Ladislav Mika
1140	44. . Initial Actions, Notifications, and Dispatch of Team Ron Schleede	52. Overview of the Technical Investigation Caj Frostell	60. Crashworthiness Caj Frostell	68. Writing the Final Report Caj Frostell	76. Lessons Learned Ladislav Mika
1240-1330	Lunch				
1330	45. Acc. Site Mgt, Command Post and Logistics Ron Schleede	53. Safety Education & Training John Richardson	61. Pathology Caj Frostell	69. Making Safety Recommendations Caj Frostell	Graduation
1430	46. . Organizational Meeting and Group Organization Ron Schleede	54. Safety Oversight & Evaluation John Richardson	62. News Media Caj Frostell	70. . Safety Deficiency Identification Ron Schleede	
1520-1540	Coffee Break				
1540	47. Team and Group Progress Meetings Ron Schleede	55. Safety Oversight & Evaluation (2) John Richardson	63. Case Study – COPA video (Panama) Ron Schleede	71. Ramp & Maintenance Safety John Richardson	Graduation
1640	48. . Discussion on Group Organization and Field Investigation Caj Frostell Ron Schleede	56. Emergency Preparedness John Richardson	64. Case Study – COPA video - Discussion Ron Schleede	72. Setting Up a Safety management System John Richardson	

WHO SHOULD TAKE THIS COURSE?

Designed specifically 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 is designed to provide 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.

This course is based on the belief that accidents happen because of errors made by people at all levels in aviation. Managers, designers and manufacturers as well as regulators, maintainers, controllers and pilots all make mistakes either by themselves, or in groups. In short, to understand safety one must first understand people.

The course, therefore, concentrates on the strengths and weaknesses of people, the fundamental safety role of managers, and the resolution of common safety problems. It teaches the skills required to develop and maintain a successful safety management system and introduces the knowledge and skills required of an accident investigator. With this course as a foundation, an individual can easily transition to the

more advanced subjects in accident investigation and safety management.

STUDENT QUALIFICATIONS

This is a demanding course with a focus on safety. It does not teach the the fundamentals of aviation such as operations, maintenance or aerodynamics. For these reasons students require a good knowledge of the main aspects of aviation and a working knowledge of English. The course is ideal for those who have begun or wish to begin a career in aviation safety in government organizations, commercial organizations or in the military.

ABOUT SCSi

SCSI, the Southern California Safety Institute, Inc., is now in its second decade of providing quality aviation safety training programs. Since offering its first course in 1987, SCSI has now trained over 6,800 students. We are a recognized, global leader in the design, development, and delivery of Aviation Safety Training programs and courses -- anywhere, anytime.

Our clients have included the FAA, Transport Canada, the NTSB, the TSB Canada, ATSB, ASC, the CAA and investigation boards from many countries, airlines and manufacturers. For a complete list of SCSI clients, see the SCSI website.

COURSE LOCATION

This course will again be held in the ANS Training Center. You must make your own hotel reservations, however. To assist you, SCSI has obtained a list of nearby hotels from the ANS. This list will be made available to you once you have registered for the course. Meals are available in the ANS restaurant in the same building as the training centre. Breakfast, lunch, and dinner can be purchased in the ANS Hotel restaurant at excellent prices.



Air Navigation Services (ANS) Hotel and Training Center

COURSE REGISTRATION

- Tuition Fee: The tuition fee is **€2,775** [Please note: Tuition Fees are Non-Refundable but you may substitute attendees, however.]
- Early Registration: For those registering and paying prior to 15 January 2006, the tuition is **€2,675**
- Space in this course is limited and registrations will be accepted in the order received. Tuition includes all course materials and a course notebook. To register please
 - Complete the SCSI registration form on the web and FAX to SCSI (see www.scsi-inc.com)
 - Alternatively, you may complete the SCSI on-line registration process found at www.scsi-inc.com (You may also pay on-line.)

SCSi

www.scsi-inc.com

registrar@scsi-inc.com

3521 Lomita Blvd., Ste. 103, Torrance, CA 90505 USA

310-517-8844 (tel) 800-545-3766 (Canada & USA) 310-540-0532 (fax)