

Safety Briefs



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Southern California Safety Institute

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27th Annual International Cabin Safety Symposium April 27-29, 2010



What do you get when you combine one of the world's most long-standing cabin safety conferences with one of the largest aviation training conferences and tradeshows? **The best of both worlds, all under one roof!**

This year, to mark the 27th Annual International Aircraft Cabin Safety Symposium, SCSI, the Symposium's sponsor, is teaming with WATS, the World Aviation Training Conference and Tradeshow, to bring you **three days packed full of speakers from premiere organizations and regulatory bodies.**

Plus, you'll have access to new training technologies and solutions on **the biggest WATS exhibition floor ever** with more than 40,000 square feet of the largest, most extensive display of civil aviation training equipment.

This is the only show this year where you will be able to see, operate, and compare the widest range of airline training equipment head-to-head and discuss its use with both operators and manufacturers in a relaxed business setting.

Join over **1,000 aviation colleagues, including the top training decision makers and executives from more than 46 countries and 380 companies at WATS/IACSS.** We'll see you in Orlando! [Click here to learn more](#)

SCSI wins Best of Torrance

SCSI has been selected for the 2009 Best of Torrance Award in the Safety Consultants category by the U.S. Commerce Association (USCA).

The USCA "Best of Local Business" Award Program recognizes outstanding local businesses throughout the country. Each year, the USCA identifies companies that they believe have achieved exceptional marketing success in their local community and business category. These are local companies that enhance the positive image of small business through service to their customers and community.

Various sources of information were gathered and analyzed to choose the winners in each category. The 2009 USCA Award Program focused on quality, not quantity. Winners are determined based on the information gathered both internally by the USCA and data provided by third parties.

U.S. Commerce Association (USCA) is a Washington D.C. based organization funded by local businesses operating in towns, large and small, across America. The purpose of USCA is to promote local business through public relations, marketing and advertising.

The USCA was established to recognize the best of local businesses in their community. Our organization works exclusively with local business owners, trade groups, professional associations, chambers of commerce and other business advertising and marketing groups. Our mission is to be an advocate for small and medium size businesses and business entrepreneurs across America.

SOURCE: U.S. Commerce Association

Inside this Issue

- [CABIN SAFETY SYMPOSIUM 2010](#)
- [SCSI WINS BEST OF TORRANCE](#)
- [GARY HOOK TO TEACH SDM AND RMS](#)
- [INTERVIEW WITH KYLA ZIMMERMAN](#)
- [SPECIAL PRAGUE COVERAGE](#)
- [REDESIGNED ISMS COURSE WITH BILL FOWLER](#)
- [UPCOMING COURSES FOR 2010](#)



Trophy for 2009 Best of Torrance Award

Gary Hook to teach SDM and RMS



One of
Canadian Air
Force's
highest
commendation
achievers,
Gary Hook

SCSI has maintained a long tradition of providing excellence in aviation training from the most experienced professionals in the industry. In continuing with that tradition, Gary Hook will expand his role with SCSI to include the teaching both Safety Decision Making and Ramp and Maintenance Safety.

Gary has been an instructor with SCSI for many years focusing on safety factors such as the complex Organization Change Workshop which deals mostly with the unpredictable human element.

Safety in Decision Making (SDM) is an integral part of any Safety Management Systems (SMS) program. SCSI's founder, Peter Gardiner, had originally instructed this course personally drawing on an incredible amount of knowledge and experience. In his absence, SCSI scoured the industry to find someone who could lead this course for the interested students who emailed and phoned in requests for it. Fortunately, Gary has offered to provide his knowledge and great communication skills so we can continue to provide this training.

A big THANK YOU from all of us to Gary for going through the volumes of course material and updating it to help us make aviation safer for all! [Click here to learn more about ORM](#)

Interview with Kyla Zimmerman

Recently, we had an opportunity to speak with Kyla Zimmerman while she was attending an Aircraft Accident Investigation course with SCSI last February. It's immediately apparent that she's an exceptionally dedicated professional as she's already completed her Master's degree and is finishing her PhD in France while simultaneously earning a position of employment with Canada's Transportation Safety Board (TSB). But, it wasn't until we began discussing her views on aviation safety that her unique perspectives and contributions became apparent.

She's part of a very small group of Human Factors specialists at the TSB. While human factors may imply pilot error to most, Kyla takes a broader look at the organizational factors from which human error becomes the outcome. For example, an accident investigator might list in a report that the pilot had failed 4 parts of a proficiency test and was suspended for a brief period of time in the past. This would clearly point to the operator indicating they're responsible. Unfortunately, removing the individual doesn't always remove the problem.

HF investigators like Kyla would approach the collection and reporting of this kind of data differently: she would look at the overall success rate of company pilots on these proficiency checks and whether the test environment reflects the real operational condition. Understanding the company's standards and the training/testing will clarify whether a failed item is actually significant or meaningless. It could be a scapegoat technique for blaming pilots and disciplining the individual while not addressing the real operational issues which led the person to make the error. It can be a common practice as it's cheaper and easier to single out a person rather than fixing the real problems which leads to continued operation in hazardous conditions.

Human Factors extends beyond operations to include all aspects of an organization from design to operations. During our conversation, Kyla reflected on one of the human factors components from the technical portion of the course in which a manufacturer switched from aluminum to carbon fiber for the plane only to switch back to aluminum because maintenance crews repeatedly damaged craft by placing tools on the surface of it. This is an example of how human factors and the realities of the operational environment need to be considered in every aspect of an aircraft.

Thank you for promoting safety in our community, Kyla!



**Kyla Zimmermann -
Canadian Transportation
Safety Board's newest
Human Factors specialist**

Human Factors
is now, and
has always
been, the
leading cause
of incidents
and accidents
in aviation

Special Prague Report

History of series of the courses in Prague

Ladislav Mika from the Ministry of Transport of the Czech Republic initiated discussions with Dr Peter Gardiner-Chairman/CEO of SCSi and offered to continue that tradition in organizing a similar International Course in Aviation Safety in Prague, Czech Republic. SCSi in co-operation with the Czech Republic conducted its first aviation safety course in Prague in 2002. Since then, the 'Prague Series' of courses have been held annually, generally in the spring. This year marks the 8th year of the 'Prague Series' tradition. Students from many regions of the world have participated. The facilities of the Training Centre of the Czech Airlines have been excellent in all respects, and SCSi extends sincere thanks to both the Ministry of Transport, Czech Airlines and especially Mr. Mika for making this all possible.

At the suggestion of Mr. Mika, plans were carried out to offer an expanded selection of courses in Prague this year. An Advanced Accident Prevention and Investigation Course was offered in 2009, and this year, the AAI, taught by Caj Frostell, and SMS Workshop, taught by Mike Doiron, will be offered. Mr. Frostell is the **immediate past Chief of the Accident Investigation and Prevention Section of the International Civil Aviation Organization (ICAO) in Montreal**. Mr. Doiron is **Director of Safety Management Systems at SCSi and has trained over 800 Transport Canada Safety Inspectors in SMS programs**.

Ladislav Mika

Ladi has a university degree in Aviation Engineering and private pilot experience. He has 39 years of experience in aviation and has worked very closely and successfully with a number of key organizations, such as:

-ICAO member and First Vice-Chairman of the European Air Navigation Planning Group and as a member of the ECAC Group of Experts on Accident Investigation [ACC]

-Eurocontrol as member of the Stakeholder Consultation Group

-ISASI as vice-chairman of the ATS Working Group

Ladi was one of the creators of the ISASI Reachout Program and facilitated the first ISASI Reachout held in Prague in 2001.

Ladi was the founder of the Air Rescue Service in Czechoslovakia and he is a former President of the Association of the Air Rescue Services in the Czech Republic

[Click here to see complete details of the courses offered this year](#)

Redesigned Investigation in Safety Management Systems course lead by Bill Fowler

Attention all Safety Officers responsible for reacting to incidents and other occurrences in their organization. SCSi brings you a course providing the skills and abilities to effectively investigate significant safety occurrences in your organization. It will show how to prepare for an investigation, gather data, analyze that data, and then make logical and sound findings. These findings will identify safety deficiencies that can be transformed into meaningful safety action in your organization. The Investigation in Safety Management Systems is a follow-on course to the Safety Management Systems Essentials providing knowledge and training in the process of investigating minor accidents and incidents in an aviation organization. It supports the implementation of an SMS by showing you what's relevant in accident investigation and how to present it so informed SMS decisions can be made.

Bill is currently the Flight Operations Manager for Transport Canada (TC) in the Atlantic Region. Prior to this he was Atlantic Regional Manager for the Transportation Safety Board (TSB) from 1998 to 2007, responsible for regional investigations during that period; he was Investigator-in-charge (IIC) of the MK Airlines B747 accident at Halifax and also had significant responsibilities in the Swissair 111 investigation. He has also held positions in TC as Chief Airline Inspection Division and Chief Foreign Inspection Division. As a B747 and B757 Captain he has extensive international experience in commercial flight operations. He also has twenty-four years military service and additional aircraft type ratings including the DA20, CV580, DHC7, L382, B767, and DC8. He is currently flying the C550 and C90A with TC as a training and check pilot.

Upcoming Courses with SCSI

Aircraft Traffic Control Investigation 24-28 May 2010

Understanding air traffic control systems is critical to understanding most accidents. ATS use highly specialized and ever changing equipment that varies from region to region within each country. An investigator needs to understand how these systems work along with their capabilities and limitations to gain as much information as possible for the investigation. [Learn More](#)

Human Error in Accident Prevention 14-18 June 2010

To help your organization achieve the goal of “managing” human error, SCSI’s latest workshop, HEAP, addresses this critical task. HEAP is a practical, case-study-based human factors course that focuses on understanding the causal chain and then how to develop and implement effective mitigation and prevention strategies. [Learn More](#)

Aircraft Accident Investigation 12-23 July and 4-15 October 2010 (19-30 April 2010 in Prague)

This two week course teaches students how to properly gather and report the necessary information to conduct an investigation to these standards using in-class exercises, demonstrations, and SCSI’s crash lab for hands on training. [Learn More](#)

Human Factors for Accident Investigators 26-30 July and 18-22 October 2010

This course teaches the required material for investigators (a) to identify the human error issues involved in an accident wherever they occurred (e.g., in the cockpit, ATC, management, maintenance, etc.), and (b) to know when and how to call on the required Human Factors experts for further analysis. [Learn More](#)

Investigation Management 2-6 August 2010

This course is a unique, practitioner-oriented course in the field of aircraft accident investigation and prevention designed for a wide range of government and industry aviation safety investigators and managers. It is designed especially for those who will be investigators in charge (IIC) or who will have to manage or participate in accident investigations in a variety of settings and situations ranging from small local accidents to large international settings. [Learn More](#)

Fire and Explosion Investigation 9-13 August 2010

This course is designed to introduce the aircraft accident investigator to the fundamentals of fire investigation based on the NFPA 921 beginning with some basic fire science concepts and how fires begin and propagate. [Learn More](#)

Aircraft Performance Investigation 16-20 August 2010

This course presents some of the most important and common aircraft performance issues that are involved in aircraft accidents. [Learn More](#)

Course Location

These courses will be conducted at the Doubletree Hotel in the Cabrillo Marina, San Pedro, California
2800 Via Cabrillo Marina, San Pedro, CA 90731



Doubletree in San Pedro

To Register:

www.scsi-inc.com/registration.html or
contact our Registrar, Sharon Morpew,
at: registrar@scsi-inc.com or

310-517-8844, ext 104