

FLIGHT  
SAFETY  
FOUNDATION



# IASS

FSF 63RD ANNUAL  
INTERNATIONAL AIR SAFETY SEMINAR

NOVEMBER 2-5, 2010

*Milan, Italy*



*Hosted by*

FONDAZIONE  OTTOBRE 2001

demetra  
CENTRO STUDI

*Under the patronage of the President of the Italian Republic*

*With the endorsement of the Prime Minister*

## AGENDA DEVELOPMENT COMMITTEE

**Chris Baum**, manager, engineering and operations,  
Air Line Pilots Association, International

**Bill Bozin**, vice president, safety and technical affairs,  
Airbus Americas

**James M. Burin**, director of technical programs,  
Flight Safety Foundation

**Capt. Bill Curtis**, Air Canada, and Presage Human Factors  
Risk Management Group

**Capt. Jo Gillespie**, FRAeS, partner and safety management  
advisor, Gates Aviation

**H. Keith Hagy**, director, Engineering and Air Safety  
Department, Air Line Pilots Association, International

**Ho Ching-sheng (Danny C. Ho)**, executive vice president,  
Safety and Security Division, EVA Air

**Capt. Thomas Lange**, senior safety pilot, The Boeing Co.

**Robert MacIntosh**, chief advisor for international safety affairs,  
U.S. National Transportation Safety Board

**David Mawdsley**, CEng, FRAeS, senior safety advisor,  
International Air Transport Association; aviation safety advisor,  
Superstructure Group

**Capt. Arturo Radini**, aviation flight safety consultant,  
aircraft accident investigator, technical task force, Fondazione  
8 Ottobre 2001

**Capt. Mauro Schiro**, aviation safety consultant, technical task  
force, Fondazione 8 Ottobre 2001

**Capt. George H. Snyder**, MBA, president and CEO,  
GHS Aviation Group



Flight Safety Foundation (FSF) is the world's premier international aviation safety organization. As it has done each year for more than half a century, the Foundation, at its International Air Safety Seminar (IASS), will bring together specialists to discuss pressing issues in aviation safety and to share information and developments that can contribute to improving the industry's already outstanding safety record.

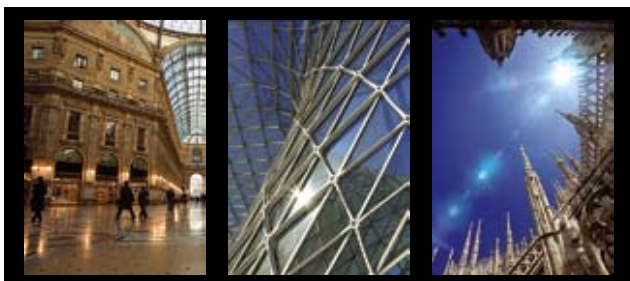
*Adding to the scope of the event, Fondazione 8 Ottobre 2001 and Demetra (Development of European Mediterranean Transportation) will host the 63rd annual IASS.*



The Comitato 8 Ottobre per Non Dimenticare (the October 8 Committee To Never Forget) was established in November 2001, to unify the family members of the 118 people who lost their lives on October 8, 2001, in the most serious airline accident that ever occurred in Italy. Fondazione 8 Ottobre 2001 Per Non Dimenticare (Foundation 8 October) was instituted in May 2006 to better represent the October 8 Committee. The Foundation launches and promotes activities to improve flight and airline transportation safety through conferences, research projects, scholarship, collecting data on air traffic hazards and studies on risk factors and hazardous situations. Web site: [www.comitato8ottobre.com](http://www.comitato8ottobre.com)



Demetra (Development of European Mediterranean Transportation) is the Research Center created in 2006 to promote Italy's educational, legal, administrative and economic transport, particularly civil aviation. The Association organizes seminars and conferences aimed at stimulating debate on air transport policy among politicians, academics, the highest institutional authorities, and business and industry experts to discuss changes caused by liberalization and privatization of the system and its adaptation to the rules of Community law. In recent years the association has expanded to include new frontiers of policy in technological innovation and the environment. Web site: <http://www.demetracentrostudi.it/>



## Tuesday, November 2

- 0900–1200 FSF International Advisory Committee (IAC) Meeting
- 1000–1700 **Registration**  
*Shipping sponsored by FedEx.*
- 1000–1500 FSF Board of Governors Meeting
- 1700–1800 Chairmen and Speakers Meeting for Wednesday presentations
- 1830–1930 **Opening Reception in Exhibit Hall**  
*Sponsored by Airbus.*

## Wednesday, November 3

- 0730–1700 **Registration**  
*Tote bags sponsored by The Boeing Co.*
- 0730–0830 **Continental Breakfast in Exhibit Hall**

### WELCOME AND SEMINAR OPENING

- 0830–0930 Ho Ching-sheng (Danny C. Ho), executive vice president, Safety and Security Division, EVA Air, and chairman, FSF IAC
- William R. Voss, president and CEO, Flight Safety Foundation
- Keynote Address — David McMillan, director general, Eurocontrol
- Italian Hosts — Paolo Pettinaroli, president, Foundation 8 October 2001, and Pierluigi Di Palma, president, Demetra Centro Studi
- Letizia Moratti, mayor of Milan
- Award Presentations**
- 0930–1000 **Refreshments in Exhibit Hall**

### SESSION I GLOBAL UPDATE

- Session Chairman: Bill Bozin, vice president, safety and technical affairs, Airbus Americas, and member, FSF Board of Governors*
- 1000–1030 “2010: The Year in Review” — James M. Burin, director of technical programs, Flight Safety Foundation
- 1030–1100 Hon. Debbie Hersman, chairman, U.S. National Transportation Safety Board (NTSB)

- 1100–1200 “Implementing the Global Aviation Safety Roadmap Worldwide: An Update” — Bill Bozin, vice president, safety and technical affairs, Airbus Americas
- “Commercial Aviation Safety Team (CAST), International Update” — Glenn Michael, manager, international operations, CAST, U.S. Federal Aviation Administration (FAA)
- “European Commercial Aviation Safety Team (ECAST)” — John Vincent, head, safety analysis and research, European Aviation Safety Agency (EASA)
- 1200–1230 Questions and Answers
- 1230–1400 **Lunch**  
*Sponsored by the City of Milan.*

### SESSION II PROFESSIONALISM/TRAINING

- Session Chairman: H. Keith Hagy, director, Engineering and Air Safety Department, Air Line Pilots Association, International (ALPA)*
- Giuseppe Bonomi, president and CEO, SEA Milan Airports
- 1400–1430 “Professionalism in Aviation: Approaches to Ensuring Excellence in Pilot and Air Traffic Controllers’ Performance” — Roger Cox, senior air safety investigator, NTSB
- 1430–1500 “Building Tomorrow’s Professional Pilot Starts Today” — Charles Hogeman, chairman, Human Factors and Training Group, ALPA Executive Air Safety Committee
- 1500–1530 **Refreshments in Exhibit Hall**  
*Sponsored by Banca Generali Private Banking.*
- 1530–1600 “Advanced Crew Competency Concepts for Pilot Training” — Barbara Holder, associate technical fellow/lead scientist, The Boeing Co.
- 1600–1630 “Aviation Safety: A Gap Analysis for Aviation English” — Elizabeth Mathews, director, Elizabeth Mathews and Associates
- 1630–1700 “Closing the Gap Between Accident Investigation and Training” — Mike Poole, executive director and chief investigator, CAE Flightscapes

- 1700–1730 Questions and Answers  
 1745–1815 Chairmen and Speakers Meeting for Thursday presentations

## Thursday, November 4

- 0730–1700 **Registration**  
*Printed materials sponsored by ENAV (Italian Company for Air Navigation Services).*
- 0730–0830 **Continental Breakfast in Exhibit Hall**  
*Sponsored by the Lombardy Region.*

### SESSION III OPERATIONAL ISSUES

*Session Chairman: Capt. Mauro Schiro, aviation safety consultant, technical task force, Fondazione 8 Ottobre 2001*

- 0830–0900 “Operational Use of Flight Path Management Systems” — Kathy Abbott, chief scientist and technical advisor, flight deck human factors, FAA
- 0900–0930 “Departure Flight Into Terrain (D-FIT)” — Stewart Schreckengast, associate professor, Aviation Technology Department, Purdue University
- 0930–1000 “Go-Around Decision and Maneuver: How to Make It Safer” — Capt. Bertrand de Courville, corporate safety manager, Air France
- 1000–1030 **Refreshments in Exhibit Hall**  
*Sponsored by GE Aviation.*
- 1030–1130 “Stall Training, Approach-to-Stall Training, Impending-Stall Training” — Capt. David Carbaugh, chief pilot, flight technical and safety, Boeing Commercial Airplanes
- “Stall Recovery Procedure” — Claude LeLaie, special advisor to Airbus president and CEO, Airbus S.A.S.
- “Best Practices Relating to Stall and Stick Pusher Training” — Capt. David McKenney, human factors and training group, ALPA
- 1130–1200 Questions and Answers
- 1200–1330 **Lunch**  
*Sponsored by SEA Milan Airports.*

### SESSION IV SAFETY MANAGEMENT SYSTEMS

*Session Chairman: Capt. George H. Snyder, MBA, president and CEO, GHS Aviation Group*

- Vito Riggio, president, ENAC (Civil Aviation Authority)
- 1330–1400 “Measuring Safety” — David Mawdsley, aviation safety advisor, Superstructure Group
- 1400–1430 “Safety Culture in Air Traffic Management: A European Perspective” — Andrew Kilner, deputy lead, safety development, Eurocontrol
- 1430–1500 “Implementation of SMS in the Aviation Industry: Challenge and Success” — Peter Müller, safety analyst, Federal Office of Civil Aviation (FOCA), Switzerland
- 1500–1530 **Refreshments in Exhibit Hall**  
*Sponsored by the Lombardy Region.*
- 1530–1600 “Integration Risk Management: The Practical Approach for an Effective SMS” — Eddie Rogan, aviation solutions director, Superstructure Group
- 1600–1630 “Safety by Design, an SMS Success Story” — Philippe Pilloud, head of safety risk management, easyJet
- 1630–1700 Questions and Answers
- 1715–1815 Chairmen and Speakers Meeting for Friday presentations

## Friday, November 5

- 0730–1700 **Registration**  
*Post-seminar proceedings CD sponsored by Agenzia Spaziale Italiana (Italian Space Agency).*

- 0730–0830 **Continental Breakfast in Exhibit Hall**

### SESSION V CURRENT CHALLENGES

*Session Chairman: Robert MacIntosh, chief advisor for international safety affairs, NTSB*

- Giachino Bartolomeo, undersecretary for infrastructure and transportation
- 0830–0900 “Volcanic Ash and Flight Safety: Spring 2010 in Europe” — Capt. Ed Pooley, principal consultant, The Air Safety Consultancy



- 0900–0930 “Outside Influences on Safety Priorities”  
— Kimberly Pyle, safety communications liaison, and Robert Tarter, Office of Safety, Air Traffic Organization, FAA
- 0930–1000 “Degradation of Professional Piloting Skills”  
— Capt. Michael Gillen, integration team project manager, United Airlines
- 1000–1030 **Refreshments in Exhibit Hall**
- 1030–1100 “What’s It All About? GNSS, GBAS, SBAS, GLS, etc.” — James E. Terpstra, senior vice president–retired, Jeppesen; executive aviation consultant
- 1100–1130 “Harmonizing Flight Training Methodologies” — Janeen Kochan, president, human factors scientist, Aviation Research, Training and Services
- 1130–1200 Questions and Answers
- 1200–1330 **Lunch**  
*Sponsored by Embraer.*

## SESSION VI MANAGING RISK

*Session Chairman: Capt. Bill Curtis, Air Canada, and Presage Human Factors Risk Management Group*

*Session VI sponsored by the Lombardy Region.*

- 1330–1400 “Runway Incursions” — Massimo Garbini, director general, ENAV (Italian Company for Air Navigation Services)
- 1400–1430 “Altitude Capture Enhancement to Prevent TCAS RAs” — Christophe Cail, Airbus flight test pilot, Airbus S.A.S.
- 1430–1500 **Refreshments in Exhibit Hall**
- 1500–1530 “Designing and Implementing a Fatigue Risk Management System (FRMS)” — Peter Simpson, manager air safety, deputy head of corporate safety, Cathay Pacific Airways
- 1530–1600 “The Effects of Workload on Flight Crew Fatigue” — Capt. Kristjof Tritschler, flight safety manager, Germanwings, City University London, DLR
- 1600–1630 “Integrated Fatigue Modeling in Crew Rostering and Operations” — Suresh Rangan, technical principal, technology, FedEx Services

- 1630–1700 Questions and Answers
- 1700 Seminar Closing

## *Guest Program*

### WEDNESDAY, NOVEMBER 3

#### Grand tour of Milan

- 0930 Bus departs the Milan Marriott Hotel to Duomo Square  
The Cathedral, Vittorio Emanuele II Gallery and La Scala square; the theater and museum  
Walking tour through the fashion district  
Bus tour around the medieval center and the canals designed by Leonardo da Vinci
- 1300 Lunch in a trattoria
- 1430 Santa Maria delle Grazie church and the famous painting by Leonardo da Vinci, “The Last Supper”  
Sforza Castle and the courtyards  
Walking tour through the famous Brera artist’s quarter
- 1800 Bus returns to the Milan Marriott Hotel

*Note: The itinerary may change depending on the time of the visit to “The Last Supper.”*

### THURSDAY, NOVEMBER 4

#### Excursion to Lake Como

- 0900 Bus departs the Milan Marriott Hotel
- 1015 One-hour boat cruise on the lake, viewing the amazing landscape
- 1130 Cadenabbia and ferry trip to Bellagio with lunch in a lake-view restaurant
- 1430 Ferry from Bellagio to Cadenabbia, return to Como city center for shopping
- 1700 Bus returns to the Milan Marriott Hotel

*Note: In November, during weekdays, some locations in Bellagio may be closed, depending on the weather.*

*Thanks to our Hosts*

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Milano



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