

# IASS

OCTOBER 27–30, 2008

*Honolulu, Hawaii*

*The forecast is for plenty of sunshine in Honolulu during the Flight Safety Foundation 61st annual International Air Safety Seminar (IASS) on October 27–30. But while you'll probably want to get in a little beach time, the main attraction is what it has always been at the IASS: leading-edge, knowledgeable and important presentations by aviation safety specialists, plus an opportunity to meet colleagues from around the world.*

## *Preliminary Agenda*

### *Monday, October 27*

Opening Reception — Sheraton Waikiki Hotel, Diamond Head Lawn

### *Tuesday, October 28*

“Welcome and Seminar Opening” — H. Keith Hagy, chairman, FSF IAC, and director, Engineering and Air Safety Department, Air Line Pilots Association, International

William R. Voss, president and CEO, Flight Safety Foundation

Frank Turner, president, International Federation of Airworthiness

Günther Matschnigg, senior vice president, safety operations and infrastructure, International Air Transport Association, and member, FSF Board of Governors

Keynote Address — Nick Sabatini, associate administrator for aviation safety, U.S. Federal Aviation Administration

#### **Awards Ceremony**

#### **SESSION I — GLOBAL UPDATE**

*Session Chairman: Andrew McClymont, trustee, International Federation of Airworthiness*

“2008: The Year in Review” — James M. Burin, director of technical programs, Flight Safety Foundation

“Global and Regional Safety Initiatives” — R. Curtis Graeber, Industry Safety

Strategy Group, Boeing Commercial Airplanes, and Glenn W. Michael, air traffic manager, U.S. Federal Aviation Administration

“The Criminalization of Aviation Accidents” — Kenneth P. Quinn, Pillsbury Winthrop Shaw Pittman

#### **SESSION II — LOSS OF CONTROL**

*Session Chairman: Capt. David C. Carbaugh, chief pilot, flight operations safety, Boeing Commercial Airplanes*

“Illusions, Disorientation, Loss of Control” — Capt. Dick McKinney, IOSA flight operations auditor, SH&E

“Spatial Disorientation Accidents in Large Commercial Jets: Case Studies and Countermeasures” — William J. Bramble Jr., senior human

performance investigator, U.S. National Transportation Safety Board

“An Evaluation of the Effectiveness of Airplane Upset Recovery Training” — Capt. William C. Roberson, senior safety pilot, Boeing Commercial Airplanes

“A Systematic Approach to Development of Full-Flight Simulation-Based Upset Recovery Training” — Capt. Brian Ward, managing director of training, FedEx

“ADS-B Strategies for Global Implementation” — Steve Brown, ADS-B co-chair, FAA Aviation Regulatory Advisory Committee (ARC) and senior vice president, operations, National Business Aviation Association

## Wednesday, October 29

### SESSION III — DATA ANALYSIS AND SHARING

*Session Chairman: Ho Ching-Sheng (Danny C. Ho), executive vice president, safety and security division, EVA Airways*

“The Art of Accident Classification” — Dieter Reisinger, M.Sc., director, quality operations, Austrian Airlines

“Pioneering a Non-Punitive FOQA Program in Mainland China” — Steven Fan, deputy general manager, flight technical in charge of FOQA, and director, Shanghai Airlines; Capt. Frank M. Hankins, senior instructor pilot, Boeing China

“ASIAS: Government–Industry Collaboration on Aviation Safety Data Analysis and Sharing” — Don Gunther, senior director, safety and regulatory compliance, Continental Airlines, and industry co-chairman, Commercial Aviation Safety Team

“Risk Management Choices: Where to Invest?” — Hazel Courteney, Ph.D., head of research and strategic analysis, U.K. Civil Aviation Authority

“Skybrary: Safety Knowledge Initiative Supported by Flight Safety Foundation, Eurocontrol and International Civil Aviation Organization” —

Tzvetomir Blajev, coordinator of safety improvement initiatives, Eurocontrol; John Barrass, consultant/editor

### SESSION IV, PART 1 — PANEL DISCUSSION OF SMS

*Panel Moderator: David Mawdsley, aviation safety advisor, Superstructure Group*

Panelists:

Peter Simpson, manager air safety, Cathay Pacific Airways

Robert Dodd, general manager, group safety, Qantas Airways

Jacqueline Booth-Bourdeau, chief, technical program evaluation and coordination, Transport Canada Civil Aviation

Gerhard Gruber, manager, rescue and airport operations, Vienna International Airport

Jorge Leite, director of quality, maintenance and engineering, TAP Portugal

### SESSION IV, PART 2 — MAINTENANCE AND HUMAN FACTORS

*Session Chairman: Brian L. Perry, vice president (technical), International Federation of Airworthiness*

“Moving From the Penalty-Driven Culture: A Maintenance and Ground Operations Perspective” — Jerry P. Allen Jr., managing director, Baines Simmons Americas

“Are We Learning the Safety Lesson?” — Michael Skinner, deputy director (engineering), CHIRP

## Thursday, October 30

### SESSION V — EMERGING CHALLENGES

*Session Chairman: Chris Baum, manager, engineering and operations, Engineering and Air Safety Department, Air Line Pilots Association, International*

“A Collective Approach to Aircraft Maintenance Programs” — Steve Swift, principal engineer, airframe durability, Civil Aviation Safety Authority, Australia

“Errors and the Influence of Working Patterns and Fatigue” — Philip Hosey, Technical Committee member, and Frank Jauregui, VP Americas, International Federation of Airworthiness

“Organizational Design for Safety Oversight Effectiveness: The Human Factor” — Jacqueline A. Duley, senior associate, Booz Allen Hamilton

“RNP Training and Operational Issues and Guidance” — Marc Henegar, director, RNP/RNAV initiatives, Air Line Pilots Association, International

“Unmanned Aerial Systems: Identifying and Mitigating Hazards” — Jeff Guzzetti, deputy director for regional operations, and Dana Schulze, chief, Major Investigations Division, U.S. National Transportation Safety Board

### SESSION VI — RUNWAY SAFETY

*Session Chairman: Jim Terpstra, senior vice president (retired), executive aviation consultant, Jeppesen*

“The Runway Safety Initiative” — Earl Weener, Ph.D., fellow, Flight Safety Foundation

“A Review of Some Technological Aids to Support the FSF Runway Safety Initiative” — Don Bateman, corporate fellow-chief engineer, flight safety technologies, Honeywell Aerospace

“Keeping It Safe: Direct-to-Pilot Warnings of Runway Incursions” — Kathleen A. McGarry, senior human factors engineer, human-centered research and engineering, CAASD/MITRE

“Improve Runway Safety” — Scott Dunham, air traffic control investigator, Operational Factors Division, U.S. National Transportation Safety Board

“Wake Vortex Flight Testing” — Capt. Claude Lelaie, senior vice president, product safety officer, Airbus

Seminar Closing — John W. Saull, executive director, International Federation of Airworthiness