

AGENDA FOR THE 2023 ISASI SEMINAR (NASHVILLE)

Located in the Renaissance Nashville Hotel
611 Commerce Street, Nashville, Tennessee 37203
(615) 255-4400

31 Speakers and Presentations

Presentations: Twenty-six (26) at 25 minutes each with 5 minutes for transition, questions and introductions

Keynote Speakers: Three (3) at 25 minutes each

Kapustin Award Presentations: Two (2) at 10 minutes each

Monday, August 21, 2023, Tutorials

Morning Tutorials: Two are Available, each with a morning and afternoon session

Tutorial 1, Elemental Fracture Analysis Part I, Germantown 1

8:30 – 11:30 “Outside the Envelope and Other Structural Failures, Part I” – *Jack Cress, Vortech Analytics*

Tutorial 2, Military Accident Investigation Part I, Germantown 2

8:30 – 11:30 “Military Accident Investigation, Part I” – *Christopher Field, The Boeing Company and Wing Commander Andrew Green, UK, Defence Accident Investigation Branch (DAIB)*

11:30 - 1:00 Lunch, Broadway 1

Afternoon: Continuation of Tutorials

Tutorial 1, Elemental Fracture Analysis Part II, Germantown 1

1:00 – 4:00 “Outside the Envelope and Other Structural Failures, Part II” – *Andy McMinn, P.E., Metallurgical Air Safety Investigations, LLC*

Tutorial 2, Military Accident Investigation Part II, Germantown 2

1:00 – 4:00 “Military Accident Investigation, Part II” – *Christopher Field, The Boeing Company and Wing Commander Andrew Green, UK, Defence Accident Investigation Branch (DAIB)*

6:00 p.m. to 8:00 p.m. ISASI Seminar Reception, Broadway 1 (with sponsored illusionist)

Tuesday, August 22, 2023, Main Session (10 Presentations/Speakers)

Tuesday Morning Events, Broadway 2 and 3 (Seated at 8:30 a.m.)

- 8:30 – 8:35 Opening – *Bob Rendzio, President Southeast Regional Chapter, and the ISASI 2023 Seminar Chair*
- 8:35 – 8:40 Official Seminar Welcome – *Barbara Dunn, ISASI President*
- 8:40 – 9:05 Keynote Speaker – *Honorable Jennifer Homendy, Chair, National Transportation Safety Board (NTSB)*
- 9:05 – 9:15 Announcement of Scholarship Recipients – *Chad Balentine, ISASI Secretary*
- 9:15 – 9:25 Kapustin Scholarship Presentation
- 9:25 – 9:55 TransAir Flight 810, Boeing 737-200 Search and Recovery – *C. Crookshanks, National Transportation Safety Board (NTSB)*

9:55 - 10:25 Announcements and Break

- 10:25 – 10:55 Benefit of Follow-up Safety Recommendation Investigations, – *J. Burtenshaw, New Zealand Transport Accident Investigation Commission (TAIC) and M. Hijum and G. Vogelaar, Dutch Safety Board (DSB)*
- 10:55 – 11:25 Investigation Methodologies Used by Aviation Accident Investigation Authorities – *K. Bills, Edith Cowan University, Australia*
- 11:25 – 11:55 Helicopter Mountain Rescue Case Study of Underlying Factors – *S. Drost, Sikorsky Aircraft*
- 11:55 – 12:00 Announcements

12:00 - 1:30 Lunch, Broadway 1

Tuesday Afternoon Events, Broadway 2 and 3 (Seated at 1:30 p.m.)

Afternoon Moderator – Jim Burtenshaw

- 1:30 – 2:00 Responding to Emerging Patterns in Aviation Safety Data - *J. Graser – Federal Aviation Administration (FAA)*
- 2:00 – 2:30 Saab 2000 Runway Excursion in Dutch Harbor, Alaska – *S. Silva, NTSB*

2:30 - 3:00 Announcements and Break

- 3:00 – 3:30 A System Theoretic Look at Severe Weather Encounters – *S. Malmquist, Florida Institute of Technology*
- 3:30 – 4:00 Incorrect QNH Setting During Barometric Approach – *P. Labro, Airbus*
- 4:00 – 4:05 Day's Conclusion and Announcements
- 4:05 – 5:00 National Society Meetings – *Germantown 1, 2, 3 and 4*

6:00 p.m. to 9:00 p.m. Off-Site Dinner, Sixty Vines (5055 Broadway Place, six-minute walk)

Wednesday, August 23, 2023, Main Session (11 Presentations/Speakers)

Wednesday Morning Events, Broadway 2 and 3

(Seated at 8:00 a.m.)

Morning Moderator – Stacey Jackson

- 8:00 – 8:05 Morning Announcements
- 8:05 – 8:30 Keynote Speaker – *Angus Mitchell, Chief Commissioner and Chief Executive Officer, Australian Transport Safety Bureau (ATSB)*
- 8:30 – 8:40 Kapustin Scholarship Presentation
- 8:40 – 9:10 Unnoticed Dual Inputs on Boeing 777 – *M. Clavel, Bureau d'Enquêtes et d'Analyses (BEA)*
- 9:10 – 9:40 Aviation Emergency Response Planning – *B. Fowles, Transport Canada*
- 9:40 – 9:45 Remembering those that served ISASI – *F. Del Gandio, Executive Advisor*

9:45 - 10:15 Announcements and Break

- 10:15 – 10:45 Flight Data Monitoring Versus Air Safety Reports: Why Are the Most Severe Events Less Reported by Pilots? – *G. Braithwaite, W-Chin Li and A. Nichanian, Cranfield University*
- 10:45 – 11:15 Investigating Language Factors in Aviation Accidents – *E. Mathews, Embry Riddle Aeronautical University (ERAU)*
- 11:15 – 11:45 Influencing Cabin Safety (Helicopter Ditching in Cairns, North Queensland) – *S. Rice, Chair, Asia Pacific Cabin Safety Working Group (APCSWG)*
- 11:45 – 11:50 Announcements

11:50 - 1:20 Lunch, Broadway 1

Wednesday Afternoon Events, Broadway 2 and 3

(Seated At 1:20 p.m.)

Afternoon Moderator – Nuno Aghdassi

- 1:20 – 1:50 Beechcraft 65-A90 King Air Accident Involving Previous Structural Damage – *P. Basile, Textron Aerospace*
- 1:50 – 2:20 Investigating for Effective Safety Management Systems – *E. Parker, Beyond Risk Management Ltd., and M. Plottel, GoCrisis*

2:20 - 2:50 Announcements and Break

- 2:50 – 3:20 Translating Human Factors Related Investigation Findings into Practical Actions – *H. Fitzpatrick, JetBlue Airways*
- 3:20 – 3:50 Heli Offshore Industry Action Plan on Night Deck Landing Practices – *T. Rolfe, HeliOffshore*
- 3:50 – 4:00 Announcements and Introduction of ISASI Working Groups
- 4:00 – 5:00 ISASI Working Group Meetings – *Germantown 1, 2, 3 and 4*

Evening Activity: Free, on your own

Thursday, August 24, 2023, Main Session (10 Presentations/Speakers)

Thursday Morning Events, Broadway 2 and 3

(Seated at 8:00 a.m.)

Morning Moderator – David Ryan

- 8:00 – 8:05 Announcements
- 8:05 – 8:30 Keynote Speaker – *David Gerlach, Senior Air and Space Accident Investigator, Federal Aviation Administration (FAA)*
- 8:30 – 8:55 Unique Investigation Technical Assistance at the Manufacturer – *E. East and J. Miller, The Boeing Company*
- 8:55 – 9:20 What Makes an Effective Safety Recommendation – *P. Sleight, UK, Air Accidents Investigation Branch (AAIB)*
- 9:20 – 9:25 Student Mentor Program – *A. Brickhouse, Chair of the ISASI Student Mentor Program, and Assistant Professor at ERAU*

9:25 - 9:55 Announcements and Break

- 9:55 – 10:25 Wet-Runway Overruns: Still a Slippery Problem – *J. O'Callaghan, NTSB*
- 10:25 – 10:55 Human Factors Failure Modes and Effects Analysis (HF - FMEA) - Tools for Pre-Mishap and Post-Mishap Investigation – *D. Hollaway and C. Pohlen, National Air and Space Administration (NASA)*
- 10:55 – 11:25 Accident Investigation - Sydney Seaplanes DHC-2 Collision with Water Accident – *Angus Mitchell, Chief Commissioner and Chief Executive Officer, Australian Transport Safety Bureau (ATSB)*
- 11:25 – 11:55 ISASI Members Meeting
- 11:55 – 12:00 Announcements and Morning Recap

12:00 - 1:30 Lunch, Broadway 1

Thursday Afternoon Events, Broadway 2 and 3

(Seated at 1:30 p.m.)

Afternoon Moderator – Shannon Masters

- 1:30 – 2:00 Distracted Takeoffs with Disastrous Results – *J. Egeler, Mission Safety Intl.*
- 2:00 – 2:30 Unauthorised Takeoffs from Taxiways: An In-Depth Analysis of Past Occurrences – *G. Van Es, Dutch National Aerospace Centre NLR*

2:30 - 3:00 Announcements and Break

- 3:00 – 3:30 Miracle at Beja – *D. Kozbagarov, and D. McNair, Air Astana*
- 3:30 – 4:00 The Investigation Spirit – *A. Urdiruz, Airbus*
- 4:00 – 4:15 2024 ISASI Lisbon, Portugal Seminar Preview – *Nuno Aghdassi*
- 4:15 – 4:30 Announcements and Closing Ceremony – *Barbara Dunn, ISASI President*

6:00 p.m. to 7:00 p.m. President's Cocktail Hour (sponsored quartet during the event)

7:00 p.m. to 10:00 p.m. Banquet, Broadway 1, 2 and 3

10:00 p.m. President's Closing Remarks

Friday, August 25, 2023, Optional Events

Afternoon: Optional Tours on your own

Dinner: On your own

7:00 p.m. to 9:00 p.m. Attend The Grand Ole Opry, live radio show
Located at 2804 Opryland Drive, Nashville
(Transportation provided to/from the Renaissance Hotel)

