Flight Safety Foundation BASS 2019 Program
Last updated April 17, 2019

Wednesday, May 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>0845 - 1800</td>
<td>6th Annual Safety Day</td>
</tr>
<tr>
<td>Molly Brown Room</td>
<td>Open to all Safety Managers and Safety Officers and designated Safety pilots, and those highly interested in safety training. This is a one-day roundtable and is included in the registration fee.</td>
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<tr>
<td>1400 – 1800</td>
<td>Registration and Information Desk Open</td>
</tr>
<tr>
<td>Lawrence Foyer</td>
<td>Pickup your registration materials here and get answers to all your questions</td>
</tr>
<tr>
<td>1700 – 1730</td>
<td>Speaker Meeting (Day 1)</td>
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<tr>
<td>Platte River Room</td>
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Thursday, May 2

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>0730 – 1700</td>
<td>Registration and Information Desk Open</td>
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<tr>
<td>Lawrence Foyer</td>
<td>Pickup your registration materials here and get answers to all your questions</td>
</tr>
<tr>
<td>0730 – 0830</td>
<td>Breakfast with Exhibitors</td>
</tr>
<tr>
<td>Confluence Ballroom</td>
<td>Join us for breakfast and networking before the day begins</td>
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<tr>
<td>0830 – 0850</td>
<td>Opening Ceremonies</td>
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<tr>
<td>Platte River Room</td>
<td>Kicking off BASS 2019 will be Flight Safety Foundation’s new president and CEO, Dr. Hassan Shahidi, who will address the state of the industry and the state of safety within the industry. John Hamilton, chairman of the Board of Governors, will address the safety work the Foundation is doing across various industry sectors. BASS 2019 will cover a wide variety of topics, including learning from past experiences and implementing the most advanced and predictive risk management safety practices.</td>
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<tr>
<td>Speaker:</td>
<td>Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation</td>
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<td></td>
<td>Dr. Hassan Shahidi, President &amp; CEO, Flight Safety Foundation</td>
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<tr>
<td>0850 – 0930</td>
<td>Opening Keynote</td>
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<tr>
<td>Platte River Room</td>
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<tr>
<td>Speaker:</td>
<td>Mr. John Duncan, Deputy Associate Administrator, Office of Aviation Safety, Federal Aviation Administration</td>
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<tr>
<td>0930 – 0940</td>
<td>FSF Business Advisory Committee Chair Address</td>
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<tr>
<td>Platte River Room</td>
<td>Speaker: Ms. Lisa Sasse, Chair, FSF Business Advisory Committee</td>
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<tr>
<td>0940 – 1000</td>
<td>Industry Update — Recent Trends as they Apply to Business Aviation</td>
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<tr>
<td>Platte River Room</td>
<td>Speaker: Mr. Mark Larsen, NBAA Safety Committee</td>
</tr>
<tr>
<td>1000 – 1030</td>
<td>Morning Business Break</td>
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<td>Confluence Ballroom</td>
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**Session 1 — Safety Leadership**
The most effective organizations have leaders who understand the systems, processes and people who can produce the best results. This session will cover the importance of leadership for safety and improving safety performance, and, will examine how effective safety management systems are often constructed by thinking beyond the traditional four pillars and recognizing the importance of a fifth pillar: leadership.

**Session Moderator:** FSF Business Advisory Committee Member

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1030 – 1035</td>
<td>Welcome Back and Raffle</td>
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<tr>
<td>1035 – 1105</td>
<td>Modernizing Leadership Skills</td>
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<tr>
<td>Speaker:</td>
<td>Mr. Martin Egerth, Senior Product Manager Human Factors Training, Psychologist, Senior Human Factors Expert, Lufthansa Aviation Training GmbH</td>
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<tr>
<td>1105 – 1135</td>
<td>Leadership – Single Pilot Operations</td>
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<tr>
<td>Speaker:</td>
<td>Mr. Thomas Howe, Aviation Safety Manager, Embraer Executive Aircraft</td>
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<tr>
<td>1030 – 1200</td>
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Flight Safety Foundation BASS 2019 – Program

Mr. Brad McKeage, Vice President Flight Operations, Embraer Executive Aircraft
Mr. Lou Nemeth, Chief Safety Officer, CAE
Mr. Jeremy Wright, Director of Safety, Airshare

1135 – 1200  Questions

1200 – 1210
Platte River Room

Sidney Baker Memorial Scholarship Award
Speaker: Mr. Thomas Anthony, Director of Aviation Safety & Security Programs, University of Southern California

1210 – 1330
Confluence Ballroom

Session 2 – Aeromedical and Fatigue Issues
Being fit for duty is expected, but, being as sharp as possible when it really counts often is something that takes an extra level of preparation. We need to recognize when fatigue presents more risk than is acceptable to ensure safe operations. This session will cover the impact and dangers of fatigue and offer practical solutions for your operations.

Session Moderator: FSF Business Advisory Committee Member

1330 – 1335  Welcome Back and Raffle

1335 – 1400  Aero Medical Issues
Speaker: Dr. Quay Snyder, President & CEO, Aviation Medicine Advisory Service

1400 – 1420  Quantifying the impact of pilot fatigue on SPIs in flight operations and maintenance
Speaker: Dr. Daniel Mollicone, CEO, Pulsar Informatics

1420 – 1440  A Practical Guide to Staying Awake: Countermeasures to Combat Fatigue
Speaker: Mr. Blain Stanley, FACTS Training Instructor, Aircare International

1440 – 1500  Questions

1500 – 1530
Confluence Ballroom

Afternoon Business Break

1530 – 1700
Platte River Room

Session 3 – Lessons from Recent Accidents
Despite continually improving safety performance, and modern technology and equipment, the industry still has accidents. The lessons we learn from these accidents are often foremost in the minds of safety professionals and motivate us to strengthen our safety barriers. So that these lessons reach all sectors of the industry, it’s important to hear about the details and the findings of recent accidents and incidents.

Session Moderator: FSF Business Advisory Committee Member

1530 – 1535  Welcome Back and Raffle

1535 – 1605  Resilience and Crisis Management in Aviation
Speaker: Ms. Ellen Shew Holland, ARM, Strategic Risk Frameworks

1605 – 1635  National Transportation Safety Board Case Study
Speaker: Mr. James Silliman, Senior Air Safety Investigator, National Transportation Safety Board

1635 – 1700  Questions

1700 – 1730
Platte River Room

Speaker Meeting (Day 2)

1700 – 1830
Confluence Ballroom

Welcome Reception
**Friday, May 3**

**0730 – 1700**  
**Lawrence Foyer**  
**Registration and Information Desk Open**  
Pickup your registration materials here and get answers to all your questions

**0730 – 0830**  
**Confluence Ballroom**  
**Breakfast with Exhibitors**  
Join us for breakfast and networking before the day begins

**0830 – 1000**  
**Platte River Room**  
**Session 4 – FOQA Programs and Safety Data**  
Flight data acquisition and safety reporting systems tell us a lot about what’s actually happening in our operations and where unacceptable risks are present. Today, flight operational quality assurance (FOQA) and aviation safety action programs (ASAP) are standard elements in many operations. The costs of implementing these programs have been reduced significantly, even for some of the smallest operations, and the data gathered are invaluable and helping improve safety performance in business aviation.

**Session Moderator:** FSF Business Advisory Committee Member

- **0830 – 0835**  
  Welcome Back and Opening Remarks  
  **Speaker:**  
  Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation

- **0835 – 0905**  
  NATCA Update  
  **Speaker:**  
  Mr. Steve Hansen, Chairman, National Safety Committee, National Air Traffic Controllers Association

- **0905 – 0935**  
  FOQA Update  
  **Speaker:**  
  Mr. Fred Calvert, Director of Safety Assurance, Executive Jet Management

- **0935 – 1000**  
  Questions

**1000 – 1030**  
**Confluence Ballroom**  
**Morning Business Break**

**1030 – 1200**  
**Platte River Room**  
**Session 5 – Runway Safety**  
From a risk perspective, approach and landing continues to be the most critical phase of flight and deserving of continuous focus. Some risks involve how an approach is designed or conducted, and involve being prepared to make split-second, correct decisions. But even when an aircraft is successfully back on the runway or on the ramp, risks continue. We can’t let our guard down if we want to prevent mishaps.

**Session Moderator:** FSF Business Advisory Committee Member

- **1030 – 1035**  
  Welcome Back and Raffle

- **1035 – 1105**  
  Ramp Safety Issues  
  **Speaker:**  
  Mr. Terry Yeomans, Director IS-BAH, International Business Aviation Council

- **1105 – 1135**  
  Corporate Flight Operations Quality Assurance – Analysis of Runway Overrun Risk  
  **Speaker:**  
  Mr. Shelby Balogh, Data and Analytics Scientist, GE Aviation

- **1135 – 1200**  
  Questions

**1200 – 1210**  
**Platte River Room**  
**FSF Business Aviation Meritorious Service Award**

**1210 – 1330**  
**Confluence Ballroom**  
**Lunch**
**Session 6 – Training Related Issues**  
Training is essential for preparing pilots to handle routine and non-routine situations. This session focuses on the critical skills that pilots need and discusses what skills are essential for the future of our industry. We will talk about how to expand skills training and knowledge and how to prevent, and recover from, unusual situations.

**Session Moderator:** FSF Business Advisory Committee Member

1330 – 1335 Welcome Back and Raffle

1335 – 1405 Skills for the future: do crews have them and does our training incorporate them?  
**Speaker:** Martin Egerth, Senior Product Manager Human Factors Training, Psychologist, Senior Human Factors Expert, Lufthansa Aviation Training GmbH

1405 – 1435 What They Don’t Teach You in Ground School  
**Speaker:** Ms. Erika Armstrong, Director of Instructional Design, Advanced Aircrew Academy

1435 – 1500 Questions

**Session 7 – Emerging Safety Issues**  
The industry can learn a lot from safety data gathering and publicly available investigative reports, but these sources of information can’t tell us anything about the risks facing our industry as technology changes. In this session, we will review challenges in integrating drones into the National Airspace System, the risks posed by lithium batteries, and how autonomous operations may shape our future.

**Session Moderator:** FSF Business Advisory Committee Member

1530 – 1535 Welcome Back and Raffle

1535 – 1605 Results of Single Cockpit R&D on Safety Tools and Decision Aids  
**Speaker:** Mr. Matthew Pollack, Co-Department Head for Aviation Human-Centered Experimentation and Training, MITRE

1605 – 1635 Lithium ion Battery Education and Update  
**Speakers:**  
Capt. Boomer Bombardi, ALPA  
Capt. John Cox, CEO, Safety Operating Systems

1635 – 1700 Questions

**Closing Remarks**