# Flight Safety Foundation BASS 2019 Program

**Last updated April 29, 2019**

## Wednesday, May 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>0845 - 1800</td>
<td>6th Annual Safety Day</td>
<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>
<td>Lawrence Foyer</td>
<td>Pickup your registration materials here and get answers to all your questions.</td>
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<tr>
<td>1700 – 1730</td>
<td>Speaker Meeting (Day 1)</td>
<td>Platte River Room</td>
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## Thursday, May 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
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<tbody>
<tr>
<td>0730 – 1700</td>
<td>Registration and Information Desk Open</td>
<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>
<td>Confluence Ballroom</td>
<td>Join us for breakfast and networking before the day begins.</td>
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<tr>
<td>0830 – 0950</td>
<td>Opening Ceremonies</td>
<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. 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>0850 – 0930</td>
<td>Opening Keynote</td>
<td>Platte River Room</td>
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<tr>
<td>0930 – 0940</td>
<td>FSF Business Advisory Committee Chair Address</td>
<td>Platte River Room</td>
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<tr>
<td>0940 – 1000</td>
<td>Industry Update – Recent Trends as they Apply to Business Aviation</td>
<td>Platte River Room</td>
<td>NBAA Safety Committee Update</td>
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<tr>
<td>1000 – 1030</td>
<td>Morning Business Break</td>
<td>Confluence Ballroom</td>
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<tr>
<td>1030 – 1200</td>
<td>Session 1 – Safety Leadership</td>
<td>Platte River Room</td>
<td>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.</td>
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<tr>
<td>1030 – 1035</td>
<td>Welcome Back</td>
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<tr>
<td>1035 – 1105</td>
<td>Modernizing Leadership Skills</td>
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*Speakers:*
- Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation
- Dr. Hassan Shahidi, President & CEO, Flight Safety Foundation
- Mr. John Duncan, Deputy Associate Administrator, Office of Aviation Safety, Federal Aviation Administration
- Ms. Lisa Sasse, Chair, FSF Business Advisory Committee
- Mr. Mark Larsen, Senior Manager, Safety and Flight Operations, National Business Aviation Association
- Mr. Martin Egerth, Senior Product Manager Human Factors Training, Psychologist, Senior Human Factors Expert, Lufthansa Aviation Training GmbH
1105 – 1135 Leadership – Single Pilot Operations
Speaker:
Mr. Thomas Howe, Aviation Safety Manager, Embraer Executive Aircraft
Mr. Brad Mckeage, Vice President Flight Operations, Embraer Executive Aircraft
Mr. Phil Nardecchia, Head of Training, Embraer CAE Training Services
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
Lunch

1330 – 1500
Platte River Room
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: Ms. Lisa Sasse, FSF Business Advisory Committee Chair

1330 – 1355 Welcome Back

1355 – 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: Mr. Tom Anthony, FSF Business Advisory Committee Member

1530 – 1545 Complacency – the Quiet Danger We Get Away With, Until We Don’t
Speaker:
Mr. Doug Downey, President, Convergent Performance LLC

1545 – 1615 Resilience and Crisis Management in Aviation
Speaker:
Ms. Ellen Shew Holland, ARM, Strategic Risk Frameworks

1615 – 1645 National Transportation Safety Board Case Study
Speaker:
Mr. James Silliman, Senior Air Safety Investigator, National Transportation Safety Board

1645 – 1700 Questions

1700 – 1730
Platte River Room
Speaker Meeting (Day 2)
Friday, May 3

0730 – 1030
Lawrence Foyer
Confluence Ballroom
Platte River Room

0730 – 0830
Welcome Reception

0730 – 0830
Registration and Information Desk Open
Pick up your registration materials here and get answers to all your questions

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

0830 – 1000
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.

Speaker:
Mr. Fred Calvert, Director of Safety Assurance, Executive Jet Management

Session Moderator:
Mr. Keith Yaddaw, 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
Morning Business Break

1030 – 1200
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.

Speaker:
Mr. Terry Yeomans, Director IS-BAH, International Business Aviation Council

Session Moderator:
Mr. Keith Yaddaw, FSF Business Advisory Committee Member

1030 – 1035
Welcome Back

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
FSF Business Aviation Meritorious Service Award

1210 – 1330
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: Mr. Tom Anthony, FSF Business Advisory Committee Member

1330 – 1335 Welcome Back

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

Afternoon Business Break

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 new technology to support single-pilot cockpit operations and the risks posed by lithium batteries.

Session Moderator: Mr. Fred Calvert, FSF Business Advisory Committee Member

1530 – 1535 Welcome Back

1535 – 1605 Results of Single-Pilot Cockpit R&D on Safety Tools and Decision Aids
Speaker: Mr. John Helleberg, Group Leader, Human-Centered Flight Deck Research & Engineering, MITRE

1605 – 1635 Lithium ion Battery Education and Update
Speakers:
  - Capt. Boomer Bombardi, Air Line Pilots Association (ALPA)
  - Capt. John Cox, CEO, Safety Operating Systems

1635 – 1700 Questions

Closing Remarks