



RUNWAY INCURSION SAFETY ISSUES PREVENTION & MITIGATION

Sept. 19-20, 2017 | NTSB Boardroom | Washington, DC

Statistics and Trends Panel

James Fee FAA

RELEVANT EXPERIENCE

James has more than eighteen years of experience as an aviation safety professional. His unique background includes progressive pilot roles as a Part 141 flight instructor, Part 135 charter captain, and Part 121 airline captain. In addition, he has comprehensive experience in airline revenue and pricing analysis, airport management, and safety data and information analysis.

Currently, James is serving as the Air Traffic Organization's Safety and Technical Training Runway Safety Group Manager. He is responsible for applying his comprehensive knowledge of runway operations and associated risks to direct and oversee a multi-layered staff consisting of numerous subordinate supervisors and a large number of highly technical specialists responsible for developing policies and monitoring trends to improve runway safety by decreasing the number and severity of runway incursions and other surface incidents.

EDUCATION AND TRAINING

Western Michigan University

Bachelor of Science, Aviation Technology and Operations

Minor in Business Management

Pilot Certifications

Airline Transport Pilot Certificate, Airplane Multiengine Land

Jetstream 41(BA-4100) and Metro III (SA227) Type Ratings

Commercial Privileges Airplane Single Engine Land and Sea

Flight Instructor Certificate, Airplane Single and Multiengine, Instrument Airplane

Biography – Chris Devlin – MITRE

Chris Devlin is a Senior Principal Systems Engineer and the Portfolio Manager for Safety, Standards and Training at the MITRE Corporation Center for Advanced Aviation System Development (CAASD). In that position Chris leads the strategy and technical direction of the Aviation Safety, Standards and Technical Training works areas. Chris holds a Master's Degree in Systems Engineering and Operations Research from George Mason University.

Captain Gary Brauch – NASA

An expert analyst with NASA ASRS and has been with NASA since 2006. He has over 19,000 flight hours in the B727, B737, B-747-100, B747-400, B757, B767, and the B777. He was a pilot for United Airlines from 1964 to 2003 and a member of the Air Line Pilots Association



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Professional Standards Committee from 1994 to 2003. He holds a Bachelor of Arts Degree in Political Science and reside in Los Altos Hills, California.

George Hodgson -SWA

George earned his Bachelor's Degree in Political Science from the University of WI – Green Bay. For several years after graduation, he flew as a regional airline and corporate pilot flying a BE-1900 and MU- 2 Marquise. Subsequently, George flew for Midwest Airlines for 21 years. While at Midwest, George took on the following management roles: Flight Instructor and Evaluator Pilot, DC9 Training Manager, B717 Fleet Manager, and Acting Director of Flight Standards and Training. Commensurate with the last ten years at Midwest, George represented the airline on A4A's Flight Training Committee for a short time, then the Flight Safety Committee, spending the last two years as Chairperson. Following the buyout of Midwest, George transitioned to General Mitchell International Airport in Milwaukee, Wisconsin where he held management roles in Airport Operations and Noise Abatement. He also obtained Airport Certified Employee (ACE) Operations and Certified Member (CM) designations from the American Association of Airport Executives during that time. In 2014, he joined Southwest Airlines as a Safety and Security Business Partner to Air Operations Departments. This January, he moved to Flight Operations as a Manager of ATC Systems, acting as a liaison to airports and the air traffic control system.

PATRICIA A. DEMASI - DAL

Trish is the Manager of Aviation Safety Action Programs (ASAP) for Delta Air Lines at its world headquarters in Atlanta, Georgia. Trish leads a team of dedicated professionals who collect and analyze data from over 25,000 voluntary safety reports each year. The ASAP Team's primary role is to support Line Pilots, Dispatchers, Load Planners, and Operational Leadership by identifying hazards before they manifest themselves as significant events. Trish joined the Delta Air Lines team in June of 2011.

Before working for Delta, Trish spent nine years at a low-cost carrier, the last three as the ASAP Manager. She also worked as an auditor in the Internal Evaluation Program (IEP) and as an on-call investigator. Trish has served on various industry committees including Airlines for America (A4A) Flight Safety Committee and Aviation Safety Information Analysis and Sharing (ASIAS) Issue Analysis Team (IAT). She is also a regular speaker at the Air Line Pilots Association (ALPA) Risk Management Course.

Trish received a Bachelor of Science degree from Maryville University – St. Louis, and resides with her husband in Fayetteville, Georgia.

Air Traffic Control Panel

Mike Moreau – FAA



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Central Service Area Runway Safety Program Manager Federal Aviation Administration (FAA)
Fort Worth, TX

Mike Moreau has been with the FAA since June of 1988. He has worked as an Air Traffic Control Specialist in a variety of Terminal Radar and Tower facilities. The vast majority of Mr. Moreau's career was spent at DFW Airport where he worked as an Air Traffic Controller, Traffic Management Coordinator, Front Line Manager and Support Specialist. Mr. Moreau served as the Air Traffic Manager of Dallas Addison Tower prior to joining the Runway Safety Group in September of 2015 as the Southwest Region Runway Safety Program Manager. Mr. Moreau began a detail as the Central Service Area Runway Safety Program in January of 2016.

Prior to joining the FAA, Mr. Moreau spent nine years serving in the U.S. Marine Corps as an Air Traffic Controller and was stationed at a variety of locations both stateside and overseas.

Sabrina Woods – FAA

Human Performance Team, ATO Safety and Technical Training, Safety Services

Sabrina Woods is a Human Factors Scientist and human performance investigator with the Air Traffic Organization's Safety and Technical Training Division, Safety Services Branch. She joined the ATO in 2016, and is currently the primary project manager developing team resource management training for controllers; facilitates human performance assessment in event investigations; and is the human performance liaison to the Runway Safety Council and Call to Action initiatives.

Ms. Woods began her career in aviation in the United States Air Force where she served as an aircraft maintenance officer and an aircraft mishap investigator. During this time, Ms. Woods was the primary maintenance lead on several partial- and full-loss aircraft accidents and incidents; to include a fatal T-38C mishap in northern Texas, and a partial-loss hypoxia incident in the Florida panhandle. After 12 years of active duty and prior to joining the ATO, Ms. Woods worked as a writer and editor for the *FAA Safety Briefing Magazine*, under Aviation Flight Standards' General Aviation and Commercial Division. Her articles, talking papers, and presentations focused on highlighting human factors issues in cognitive decision-making, tailored for the general aviation audience.

Bridget Gee – NATCA

Bridget Gee is an Air Traffic Controller at DFW Tower, NATCA National Runway Safety Representative, and National Runway Status Lights Representative. Bridget also represents IFATCA and NATCA to ICAO as the Runway Safety Expert and member of the Aerodrome Design and Operations Panel (ADOP). She is a member of the Airport Construction Advisory Council (ACAC) supporting airport construction activities throughout the NAS and Internationally. Bridget is the National Industry Co-Chair to the Root Cause Analysis Team (RCAT) which leads government and industry efforts in understanding causes of runway incursions and develops recommendation strategies to mitigate/reduce serious surface events



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through implementation of data-driven, risk-based integrated systems approach. Bridget is a voting member of the Runway Safety Council (RSC) which leads government and industry strategies to maintain and enhance safe surface operations.

David McCann – Serco

Mr. McCann began his nearly 30 year air traffic control career in the United States Air Force in 1987. He has been working in the contract air traffic control industry since 1994 and has held positions as an Air Traffic Control Specialist, Air Traffic Manager, Operations Specialist, Area Operations Manager, Operations Manager and Program Manager. He has worked for Serco Inc. for the past 18 years. He is currently a Senior Program Manager with responsibility for Serco's 59 FAA Contract Towers located from Colorado to Alaska, a Non-Federal Contract Tower at San Bernardino, California and the Ramp Control at the San Diego International Airport. Serco's U.S. air traffic control facilities are responsible for more than 4 million annual aircraft operations.

Mr. McCann has a B.S. in Professional Aeronautics, summa cum laude from Embry-Riddle Aeronautical University. He is a Six Sigma Green Belt. Mr. McCann is the Chairman of Serco's Aviation Safety Action Program Event Review Committee, is a member of Serco's Global Aviation Safety Governance Committee and a member of Serco's Americas Aviation Safety Governance Committee. He serves as a member of the American Association of Airport Executives, United States Contract Tower Association Policy Board and is a long-standing member of the Air Traffic Control Association.

Tzvetomir Blajev - EUROCONTROL

Tzvetomir Blajev is EUROCONTROL Operational Safety Coordinator. He is responsible for EUROCONTROL safety action plans, prioritizing Top 5 safety risks, performing operational safety studies and maintaining SKYbrary. In the beginning of his career Tzvetomir worked as an Air Traffic Controller then ATM Procedures Designer, Head of Safety and Quality for an Air Navigation Service Provider. Tzvetomir holds MSc in Aeronautical Engineering and is a Candidate MBA. Tzvetomir is Chair of the European Advisory Committee of the Flight Safety Foundation, ex-officio member of the Flight Safety Foundation Board of Governors and Executive Secretary of the SKYbrary Supervisory Board.

Aircraft Operations Panel

Captain Steve Jangelis - Aviation Safety Chair, Air Line Pilots Association

Capt. Steve Jangelis is the Aviation Safety chairman for the Air Line Pilots Association, Int'l Air Safety Organization. The Air Safety Organization utilizes the volunteer services of over 400 member pilot subject-matter experts and is the largest nongovernmental safety organization in the world. Capt. Jangelis is responsible for safety matters representing over 57,000 pilots at 33 airlines in North America. Capt. Jangelis flies the Airbus A320 and is based in New York City, N.Y. He is type rated on the Airbus A320, Douglas DC-9, Boeing 727, and Boeing 757/767 and was a



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simulator instructor, line check airman, and captain on the Boeing 727, flying both cargo exclusive and passenger operations. Capt. Jangelis currently is the co-chairman of the FAA's Runway Safety Council. He also serves as the ALPA primary representative to the FAA/Industry Commercial Aviation Safety Team and to the FAA's Aviation Safety Information Analysis and Sharing System Executive Board. Capt. Jangelis has also served as ALPA party coordinator and participated in Airports, Voice Recorder, and Structures Groups in official NTSB accident and incident investigations for the Delta Air Lines Master Executive Council. Capt. Jangelis also instructs new ALPA pilot volunteers in that discipline. Capt. Jangelis has participated in safety risk management panels on runway construction and airspace modifications, and also participated as a simulator operational testing pilot for data-comm taxi installations, final approach runway occupancy signal, and SMGCS evaluations. Prior to becoming an airline pilot, he gained airport operations experience as an Airfield Operations and Maintenance technician at a Midwest airport and has been a guest speaker and panelist at many airport accreditation schools' training seminars. Capt. Jangelis received a bachelor of science degree in aviation flight management from Lewis University in Illinois.

Jerry Tsujimoto – UAL

Jerry Tsujimoto is a Senior Flight Safety Investigator for United Airlines, where he started as an aircraft mechanic over 33 years ago. He has been an FAA certified Flight and Ground Instructor, Commercial Pilot with instrument, multi engine, and glider ratings, as well as an A&P mechanic. He is a Certified Quality Auditor, Quality Manager, and a Six Sigma Green Belt by the American Society for Quality.

Joshua A. Migdal – DAL

SPECIALIST – SENIOR AIR SAFETY INVESTIGATOR CORPORATE SAFETY, SECURITY, AND COMPLIANCE

Joshua Migdal is a Senior Air Safety Investigator with the Delta Air Lines Flight Safety Department. Joshua joined the Delta Air Lines team in December 2011. As an investigator at Delta Air Lines, he is responsible for conducting internal incident investigations and functioning as an NTSB liaison and party coordinator. He received a Master of Science in Safety Science from Embry-Riddle Aeronautical University Prescott. He holds a FAA commercial pilot and Flight Instructor certificate with an instrument rating and has flown fixed and rotary wing aircraft.

Paul Deres – AOPA

AOPA Air Safety Institute Director, Education

Paul oversees the Air Safety Institute's design and development team that is responsible for creating content for online courses, safety videos, seminars, and more, as well as staying up on all



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the latest trends in learning strategies, technologies, and tools. He has a bachelor's degree in Missionary Aviation from Piedmont International University where he earned his pilot, airframe, and powerplant certificates and ratings. He holds the Project Management Professional (PMP) credential as well as an executive certificate in business administration from the University of Notre Dame. Paul is an active flight instructor and veteran of the U.S. Army, Infantry.

Airports Panel

Justin M. Towles - AAAE

Justin Towles serves as Vice President of Regulatory and Legislative Affairs for the American Association of Airport Executives (AAAE). In this role, Justin represents the interest of major commercial service airports, general aviation airports and over 5,000 AAAE members to Congress, the Administration, FAA, FCC, EPA and other regulatory agencies with jurisdiction over the U.S. aviation industry. He is responsible for all aspects of policy and advocacy for Operations, Safety, Planning, Emergency Management, Environmental Services, General Aviation, Unmanned Aircraft Systems, Aircraft Rescue and Fire Fighting and experimental aircraft issue areas. Justin also founded and serves as Co-Chair of the 26 Coalition for UAS Safety, which provides a forum for over 20 aviation industry associations to share information and best practices and discuss policy issues related to UAS integration. He also served on the FAA UAS Registration and Micro UAS Aviation Rulemaking Committees.

Justin began his career as a Congressional Aide and worked on Capitol Hill for two Members of Congress before joining the staff of Maryland Governor Martin O'Malley as Special Assistant for Appointments and Executive Nominations. Immediately prior to joining AAAE, he worked within the Division of Air Service Development and Strategic Analysis at the BWI Marshall Airport in Baltimore, where he also served as a liaison to the Governor's State Office.

In addition, he has worked or volunteered on over fifteen political campaigns, ranging from local and statewide races to successful Congressional and Senatorial bids. He has also been an active volunteer firefighter for over 15 years and is recognized as a leading advocate for public safety issues. He currently serves on the Executive Committee of the Maryland State Firemen's Association and leads the political outreach effort for the organization.

Wayne S. Pennell - BWI

Wayne S. Pennell, A.A.E., is the Chief, BWI Operations & Maintenance, for the Maryland Aviation Administration (MAA), at Baltimore/Washington International Thurgood Marshall (BWI Marshall) Airport. In this capacity, he is responsible for airport operations, security, grounds and facilities maintenance, utilities, fleet maintenance, janitorial services, ARFF, and emergency medical operations for BWI Marshall. Prior to his appointment at the MAA, Pennell served as the Area General Manager for Signature Flight Support/ASIG from December 1989 to July 2003. He was responsible for financial and operational decisions at BWI Marshall, Ronald Reagan National, and Philadelphia International Airports.



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He served in the United States Army Reserve as a Chief Warrant Officer – Aviator from May 1984 until May 1990 earning both rotorcraft and single/multi-engine fixed wing commercial instrument pilot certifications.

Pennell is a graduate of the Harvard Kennedy School Executive Education Program for Senior Executives in State and Local Government and is an Accredited Airport Executive of the American Association of Airport Executives.

Alex Gertsen, C.M. – NBAA

Director, Airports and Ground Infrastructure

Alex Gertsen joined the National Business Aviation Association (NBAA) as the Director of Airports and Ground Infrastructure in 2015. In this role, he serves as the authority on airport matters. His portfolio covers initiatives such as airport advocacy, ensuring access to airports for business aviation, runway safety, and noise abatement

Alex has close to 20 years' experience in the aviation industry. An active pilot and aircraft owner, he started his aviation career coordinating aircraft charters and logistics in the White House Travel Office. Alex's passion for technology and his focus on safety and policy grew as part of his work at Lockheed Martin, and carried through his efforts at the American Association of Airport Executives (AAAE) and the Air Traffic Control Association (ATCA). He founded Aviation Fury, LLC and prior to joining NBAA consulted leading aviation technology companies, bringing innovative safety solutions to airports and general aviation while relying on his Mooney for business air transportation.

Brian Stokes -TSB Canada

Brian Stokes is a Senior Regional Investigator – Air Operations with the Ontario region of the Transportation Safety Board of Canada. Prior to joining the TSB, Brian spent 25 years as a commercial pilot accumulating over 11 000 hours of flying experience. He holds Airline Transport Pilot Licenses issued by Canada, Oman and the U.A.E., type rated on the B777, B767, B737 and MD83 series aircraft and is a current B737 NG Type Rating Instructor.