

2017 EASA–FAA International Safety Conference

Technical Session 1: Challenges and Opportunities in New Technology

Friday 16 June 09:00 – 10:00
Ballroom

Speaker Biographies

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Dorenda D. Baker

Director of Aircraft Certification Service
Federal Aviation Administration



Dorenda Baker is the Director of the Aircraft Certification Service (AIR), where she is responsible for type certification, production approval, airworthiness certification, and continued airworthiness of the U.S. civil aircraft fleet—including commercial and general aviation activities. Baker also oversees a professional workforce of more than 1,300 employees working at the Federal Aviation Administration’s Washington, DC Headquarters, in more than 35 field offices throughout the United States, and two international offices in Belgium and Singapore.

Prior to being named the Director in 2009, Baker was AIR’s Deputy Director and served on a detail to the Associate Administrator of Aviation Safety, where she led the Comprehensive and Proactive Safety Management Approach Integrated Product Team for the interagency Joint Planning and Development Office for the Next Generation Air Transportation System. Baker also previously served as the Assistant Manager and then Manager of AIR’s Small Airplane Directorate, where she had national policy and regulatory responsibilities for normal, utility, acrobatic, and commuter category airplanes. In her role as Directorate Manager, she oversaw engineering and manufacturing activities within the boundaries of the Directorate, which covers a 21-state area.

Baker has served in aviation safety and oversight positions throughout her career with the Federal Aviation Administration including positions in the Transport Airplane Directorate, the Seattle Aircraft Certification Office and the Los Angeles Aircraft Certification Office, and the Aircraft Certification Division in Brussels. Her early work at the FAA included program management and project engineering for fixed and rotary-wing aircraft.

Dominique Roland

Head of General Aviation & Remotely Piloted Aircraft Sys. (RPAS)
European Aviation Safety Agency



Dominique Roland is Head of General Aviation & Remotely Piloted Aircraft Sys. (RPAS), and Champion for the General Aviation Roadmap Project. He is responsible of the Department in charge of the Certification and Continued Airworthiness of General Aviation airplanes, drones and associated systems.

Prior taking this responsibility, Dominique Roland was the Head of the Design Organisation Department, where he started in August 2005 as DOA Team Leader in charge of Airbus Design Organisation.

Dominique Roland holds a GA test pilot rating and started his career working for French companies designing light aeroplanes (Avions MUDRY, Avions ROBIN).

Gregory J. Bowles

Vice President, Global Innovation & Policy
General Aviation Manufacturers Association (GAMA)



Greg Bowles is the Vice President of Global Innovation & Policy for the General Aviation Manufacturers Association (GAMA) where he is responsible for the identification of key technological opportunities and the development of critical paths to success which will evolve the global safety, efficiency and success of aviation. Greg currently leads the worldwide standards committee which is chartered to develop globally acceptable means of compliance for the design of airplanes carrying up to 19 passengers. Greg has been an advisor to several long-standing ICAO panels and the industry co-chair on the FAA's Part 23 Reorganization ARC which has been developed the rewrite of FAA part 23 regulations to assure they will address the aircraft of the next twenty years. Greg also leads the Electric Propulsion & Innovation Committee (EPIC) which represents the world's leading on-demand mobility development companies along with traditional aviation manufacturers as this community strives to enable new kinds of public transportation through the air.

Prior to joining GAMA, Bowles worked as a certification engineer at Keystone (now Sikorsky) Helicopter, and was a design engineer at Cessna Aircraft Company (now Textron Aviation). A native of Connecticut, Bowles holds a Bachelor of Science degree in Aerospace Engineering from Embry-Riddle Aeronautical University and a Master of Business Administration degree from Webster University. He is an active instrument rated general aviation pilot.

Anthony S. Ferrante

Director, Air Traffic Safety Oversight Service
Federal Aviation Administration



For the past ten years, Anthony “Tony” Ferrante has served as the Director, Air Traffic Safety Oversight Service, where he is responsible for the safety oversight of the U.S. air traffic control system, including operations, maintenance and the development and acquisition of new systems.

Tony has been involved in aviation for nearly 40 years, holding a variety of management positions with the FAA, following a tour starting in 1976 as an air traffic controller in the United States Air Force.