

Cris Bosetti

Chief Scientist and Technical Advisor for Flight Meteorological Effects



Cris Bosetti is the Chief Scientist and Technical Advisor (CSTA) for Flight Meteorological Effects in the Office of Senior Technical Experts (AIR-20). Cris serves as the Aviation Safety (AVS) expert for all icing and environmental issues that pose a risk to operational safety.

Before joining FAA, Cris spent more than two decades at The Boeing Company, where he led the Configuration Aerodynamics group at Boeing Commercial Airplanes and participated in multi-disciplinary large scale system design, development, and certification efforts. He had various product development manager roles for both low-speed Aerodynamics and new airplane aerodynamics, and

eventually assumed the role of senior manager for Configuration Aerodynamics. In this capacity, he led five groups covering the entire lifecycle of Boeing Commercial Airplane programs and assumed responsibility for strategy, execution, and skill health and development.

Cris also held the role as the Flight Sciences Safety and Airworthiness Chief Engineer. He has extensive experience in a holistic approach to flight-in-icing, from high-lift design, understanding ice accumulation, aerodynamic effects, and the aircraft integration of electric and pneumatic ice protection systems. In his final position with Boeing, Cris served as the Functional Excellence Leader of Configuration Aerodynamics and Technical Fellow of Flight-in-Icing, in which he gained valuable experience developing executable strategies to improve, streamline, and evolve products and skills.

Cris has extensive experience gained from his leadership in various organizations, including the EASA Supercooled Large Droplet Icing Similarity as a Means of Compliance rulemaking team (RMT 0572), the Boeing Enterprise Executive Wind-Tunnel Steering Board, the BCA Icing Steering Team, and the Manufacturers Icing Certification Group.

Cris gained his bachelor's and master's degrees in aerospace engineering from Pennsylvania State University. He holds six patents and has authored several influential publications in his technical discipline, pioneering many contributions in the field.