

Rob Steinle

Chief Scientific and Technical Advisor for High Energy Electromagnetic Effects



Rob Steinle is the FAA's Chief Scientific and Technical Advisor (CSTA) for High Energy Electromagnetic Effects. He has more than three decades of experience in electrical engineering and has applied his expertise as a Lightning, HIRF and P-Static SME on all aircraft from the 777-200 through the current 777-9 model, supported C-17, F-22 and other military platforms with Lightning qualifications, and Air Force 1, MH-139 Helicopter and CST-100 Starliner P-Static testing. He has been a Session Chair (2001, 2005, and 2017), a Technical Chair (2013) and panel member (2001) for the International Conference on Lightning and Static Electricity (ICOLSE), and a contributor to a paper for the 2006 American Institute of Aeronautics and Astronautics (AIAA) Aviation Technology, Integration and

Operations (ATIO) Conference.

Prior to joining the FAA, Mr. Steinle worked for just over 32 years at The Boeing Company where he was recognized as an expert in lightning protection of composite structure, electronics, and systems. During his time at Boeing, Mr. Steinle was responsible for direct effects lightning protection design and testing for all divisions, as well as lab safety, scheduling, test planning, test integration, equipment procurement, coupon and part testing, test analysis, test documentation, and report publication. He oversaw the design and build of the Boeing Lightning Lab, EMC/EMI/HIRF Lab, and Antenna Lab in the IASL.

Mr. Steinle is a Standards Committee Member of the Society of Automotive Engineers (SAE) AE-2 Lightning and a Boeing Technical Fellow for Electromagnetic Effects. He earned his B.S. in Electrical Engineering from the University of Colorado, Boulder.