



**Chris Lorence**  
**Chief Engineer, GE Aviation**

As the Chief Engineer, Chris Lorence leads technical excellence and design quality for the engineering team at GE Aviation to develop and support safe, reliable, and efficient products and services. He is the Champion and business leader for product safety, certification, airworthiness, and is responsible for ensuring regulatory compliance worldwide. The Chief Engineers Office global team he leads contains over 1000 technical specialists across a wide range of disciplines. He is also responsible for the technical development of the broader engineering team, with particular focus on our Edison Engineering Development Program for early career engineers.

Chris joined GE Aviation in 1995. After serving in advanced engineering roles, he moved to Information Technology in 2000 and was certified as a Six Sigma Master Black Belt. In 2002, he was promoted to Chief Information Officer, Engineering, for GE's Aviation and Transportation businesses. His data analytics and software expertise broadened in 2005 when he was named GM of the Engineering Tools Center of Excellence, responsible for all engineering software development and synergy across GE Aviation, Power, and Transportation.

From 2008-2016, Chris served first as GM for the Product Integration Center and then GM of Engineering Technologies. In these roles, he was responsible for a range of design and engineering technologies, including external engine components and controls, progressing key sciences in partnership with universities and outside agencies, and preliminary design of new products. In 2016 he was promoted to GM, LEAP & CFM56 Engineering leading the certification, entry into service, and aggressive production ramp-up of the LEAP-1A/-1B engines, as well as supporting the 22,000+ installed base of CFM56 engines. He then served as the Cost Entitlement leader for GE Aviation prior to assuming his current role in October 2020.

Chris serves on the Industry Advisory Board of the American Society of Mechanical Engineers, the Advisory Board of the Department of Aerospace Engineering and Engineering Mechanics at the University of Cincinnati, and the Advisory Board of the Department of Mechanical Engineering and Materials Science at Duke University.

**Education:**

Chris grew up in West Hartford, Connecticut. He holds B.S., M.S., and Ph.D. degrees in Mechanical Engineering from Duke University.