

## Lance T. Gant

### Chief Scientist and Technical Advisor for Rotorcraft



Lance T. Gant is the Chief Scientist and Technical Advisor (CSTA) for Rotorcraft in the Office of Senior Technical Experts (AIR-20). In this capacity, Lance supports rotorcraft airworthiness, certification, education, research, and works to identify risks related to the introduction of new technologies.

Lance previously served as Director of the FAA's Safety and Performance Integration Division. This Division monitors the organizational performance of AIR, manages AIR's incident and accident response as well as AIR's portion of the State Safety Program, and provides leadership for strategic management, data analytics, and cross-Divisional project management within AIR.

Prior to becoming the Division Director of AIR-300 in 2022, Lance was the Director of the Compliance & Airworthiness Division (AIR-700), where he led the Division responsible for issuing all design approvals for both domestic and foreign manufacturers, executing continued operational safety processes, and providing flight test support.

Lance began his FAA career in 1990 in the Rotorcraft Certification Office, where he worked on rotor wing and fixed wing certification programs. In 1995, he joined the Rotorcraft Standards Staff, where he worked on revising standards for helicopter performance and handling qualities, as well as new standards for the civil tilt-rotor. Lance also collaborated with industry and civil aviation authorities in Canada and throughout Europe on type validation programs and in Japan, Russia, and Indonesia during assessments of technical capabilities.

In 2005, Lance returned as a front-line manager in the Rotorcraft Certification Office. He served for a year in that position before he was promoted to office manager. In 2009, he took a six-month detail as special assistant to the Director of the Aircraft Certification Service in Washington, D.C., where he gained experience and knowledge about how FAA interfaces with other Government agencies and Congress. In October 2010, Lance became the Rotorcraft Directorate's assistant manager and then Directorate Manager five years later. On July 23, 2017, the Aircraft Certification Service reorganized, and he was appointed director of the Compliance & Airworthiness Division.

Before joining the FAA, Lance worked as a flight instructor while earning his bachelor's degree in Aeronautical Engineering from Purdue University. He also holds a commercial pilot certificate. After graduation, he worked as a flight test engineer for Bell Helicopter in Fort Worth, Texas, where he worked on military qualification and civil certification programs.