



PROFILE

Airplane Safety Engineering Manager
The Boeing Company

CITATION

Rising engineering leader recognized for integrating airplane safety, systems engineering, and digital aviation platforms to solve high-consequence technical challenges, accelerate certification readiness, and scale enterprise engineering capability.



HUNG LE NGUYEN

AAEOY Most Promising Engineer of the Year Award

Mr. Hung Le Nguyen is an Airplane Safety Engineering Manager at Boeing Commercial Airplanes (BCA), where he leads airplane-level safety engineering for the Boeing 777-9 program — one of the company's most complex and high-visibility certification efforts. In this role, he aligns cross-functional engineering teams, Technical Fellowships, and regulatory stakeholders to resolve critical safety challenges, strengthen certification execution, and reinforce a culture of proactive risk identification. Hung brings a rare combination of experience across safety-critical airplane systems, enterprise systems engineering, and large-scale digital aviation platforms. Previously, he operated at a senior manager scope within Boeing Global Services, leading global software engineering organizations across the United States and Europe, including first-line managers. He directed development of mission-critical flight deck and airline operational solutions used across thousands of aircraft worldwide while improving delivery performance and scaling engineering capability across teams.

As the Learning and Development Leader for the Boeing Leadership Next program, Hung helped develop over 400 highest-potential nonmanagerial Boeing employees into future Technical Fellows and senior and executive leaders. He contributed as a subject matter expert to the Boeing Systems Engineering University and SPEEA-Boeing Ed Wells Partnership, training over 200 engineers and strengthening the systems engineering capability across the enterprise.

Hung served on the Boeing Designated Expert board for DAS and the boards of the Puget Sound Chapters of two Boeing Business Resource Groups, the Boeing Employees Pride Alliance and Boeing Asian and Pacific Association. Outside of Boeing, he was a board member and PR Committee Chair for the Vietnam Scholarship Foundation. Hung has bachelor's and master's degrees in mechanical engineering from Texas A&M and an MBA from the University of Washington (UW), and he is pursuing a third master's degree, in artificial intelligence and machine learning for engineering, at UW. His certifications include engineering leadership (MIT), Lean Six Sigma (UW), product life cycle management (Purdue), and data analytics (Cornell).

Hung's career reflects a consistent pattern of expanding scope, integrating complex technical domains, and delivering measurable impact across both engineering execution and organizational capability. His ability to operate across airplane safety, digital platforms, and systems engineering—while leading teams and developing future talent—positions him as a next-generation engineering leader with significant long-term potential in the aerospace industry.