

- Contents
- Introduction
- Approach & Governance
- People
- Products & Services
 - Global Aerospace Safety
 - Sustainable Product Life Cycle
 - Innovation and Clean Technology
 - Fleet Renewal
 - Operational Efficiency
 - Renewable Energy
 - Advanced Technology
 - Partnerships
- Operations
- Communities
- Reporting

Global Aerospace Safety

Safety is a fundamental value. We take seriously the responsibility to ensure those who operate, fly on and service our products are safe.

Our Board of Directors oversees global aerospace safety through a dedicated subcommittee of the board, the Aerospace Safety Committee, to which our chief aerospace safety officer provides regular updates. More information about the subcommittee’s oversight can be found in our Chief Aerospace Safety Officer Report.

In 2020, Boeing began implementing its enterprise **Safety Management System**, or SMS. As an integrated framework for managing safety risks throughout the product and service life cycle, SMS incorporates data from employee reporting, production, compliance, quality and safety processes. This provides line of sight to risks, incidents and identified hazards to enable proactive mitigation of issues and to continuously improve safety performance. Ultimately, SMS brings the right data into the right forums with the right people to make data-driven, risk-based decisions that result in safer products. It is a journey of continuous improvement informed by existing data and ongoing development of increasingly better safety analytics.

Learn more about our progress in the [Chief Aerospace Safety Officer Report](#).

Boeing’s safety journey: Every step is purposeful

The big picture: The safety of our products starts with our culture and is supported by technology and training. Advancements in both areas have led to progress in our safety journey.

Why culture is first: When more teammates feel comfortable speaking up about safety issues and ideas — and more leaders listen — we will have safer products. Our Speak Up program is the fuel for our enterprise SMS that helps manage safety risks throughout the product and services life cycle. Through efforts in the past year:

- Submissions to our Speak Up reporting channel doubled from 2021 to 2022 — a sign of progress toward a healthy reporting culture.
- We trained more than 130,000 of our teammates on SMS, safety culture and why it matters.
- We established a dedicated ombudsperson for FAA Organization Designation Authorization representatives to support their independence and transparency ([see Page 29](#)).

How technology and training help: Alongside culture improvements, advancements in technology are helping us identify safety hazards and risks through data, and are helping customers. Last year, we:

- Introduced the Boeing Virtual Procedures Trainer and Maintenance Synthetic Trainer for pilots and mechanics to provide experiential training and complement current training.



Read more about our safety journey in the [Boeing Chief Aerospace Safety Officer Report](#), including how we’re working with industry to strengthen aviation safety and created a new Safety Experience website — a resource intended for employees to better understand their role in Boeing’s safety culture.

- Inducted a new real-time data and analytics platform called Boeing Safety Intelligence into our SMS.
- Delivered competency-based training and assessment (CBTA) courses to four commercial customers. Additionally, Boeing Next-Generation 737, 737 MAX and 787 CBTA courses were approved by multiple regulatory agencies.

Why it matters: “Over the next few years, we’re going to see the maturity of our SMS, increased collaboration with our customers to get ahead of safety risks and deployment of our Safety Experience tool for increasing transparency and learning throughout the organization,” said Mike Delaney, Boeing chief aerospace safety officer. “Every step is purposeful to make our products safer. These efforts and more have laid both the cultural and structural foundation for our safety journey. It’s up to us to keep that foundation strong and build on it.”