



# Aerospace Standards

Global standards are essential for aircraft certification airworthiness and interoperability. With over 8,500 active aerospace standards in its database these documents commonize practices, processes, and products throughout the industry and are paramount to the advancement of technology.



Since the introduction of the first interchangeable spark plug standard in 1917, SAE has been at the forefront of the aerospace industry setting the standard for a century worth of advancement.

## HOW STANDARDS ARE LINKED TO YOUR BUSINESS

Technical standards set the expectations for safety, reliability, and quality, but they also are valuable business tools that provide many benefits, including:

- Reduced duplications efforts, efficiency, and cost savings
- Reduced time to market
- Regulatory compliance
- Lower procurement costs
- Expanded market potential
- Innovations – plus much more.

## GLOBAL PARTNERSHIPS

Over the last 100 years, SAE has been partnering with industry to discover its common solutions. Today, it works with companies – and other SDO's around the world – to create and harmonize standards for the advancement of the global aerospace industry. Some of those partnerships include:

- International Air Transport Association (IATA)
- NATO Standardization Agency (NSA)
- China Aero Polytechnical Establishment (CAPE)
- European Organization for Civil Aviation Equipment (EUROCAE)
- AeroSpace and Defense Industries Association of Europe (ASD-STAN)
- Society of Japanese Aerospace Companies (SJAC)
- National Center for Advanced Materials Performance (NCAMP)
- Federal Aviation Administration (FAA)
- European Aviation Safety Agency (EASA)
- International Civil Aviation Organization (ICAO)
- International Aerospace Quality Group (IAQG)

## WHY SAE AEROSPACE STANDARDS?

**1,800 SAE standards** are used in the development of a typical aircraft.

**313 SAE standards** referenced in FAA, TSOs, ACs, FAA-STDs, and FARs.

**117 SAE documents** are referenced in the EASA CS, AMCs, and ETSOs.

Since 2004, there have been an average of **500+ new/revised standards each year.**

US Department of Defense has adopted **more SAE Standards than another other SDO.**

### See what's next

You spoke. We listened. In the coming months SAE International will reveal an updated Digital Library platform that will enhance user experience, expand content offerings, improve discoverability, and much more. Look for a new name, a new look, and better, faster way to access the content you need. Stay tuned to see what's next.