Aircraft and space vehicles
Established in 1947, ISO/TC 20 is one of the most prolific ISO technical committees in international standardization. With nearly 600 published standards developed under the broad umbrella of the committee and its subcommittees, ISO/TC 20 maintains a significant, relevant presence in the aerospace industry.
Facts and figures

• 36 participating and observing member countries
• 597 published standards, as of Q4 2014
• 110 active work items under development
• Multiple committee and subcommittee plenary meetings held worldwide
• Participation includes the biggest industry players in the commercial supply chain
Mission

ISO/TC 20 is a technical committee of the International Organization for Standardization (ISO) responsible for developing and maintaining standards for aircraft and space vehicles. Specifically, the committee covers the standardization of materials, components and equipment for construction and operation of aircraft and space vehicles, as well as equipment used in the servicing and maintenance of these vehicles.

ISO/TC 20 works to ensure that internationally accepted standards exist for the design, construction, test and evaluation, operation, air traffic management, maintenance, and disposal of components, equipment and systems of aircraft and space vehicles, including issues related to safety, reliability and the environment. And as required, produce, maintain and assure these standards are produced cost effectively and correspond to users’ and market needs and to support the technical projects of the sector.

Market relevant

The work program of ISO/TC 20 and its subcommittees includes the entire spectrum of aerospace industry for the design, manufacture, test, evaluation, operation and maintenance of components, equipment and subsystems for general aviation, commercial aircraft and space systems. ISO/TC 20 also serves the military aerospace market to the extent that military aerospace products can utilize commercial aerospace standards.
Coordination and cooperation

As most industries rely on multiple standards bodies and consortia to develop standards, specifications, and recommendations to meet the needs of developers and consumers, ISO/TC 20 works closely with several of these organizations to ensure interoperability and avoid duplication of work. ISO/TC 20 members also have close ties to governments and industry associations to ensure a comprehensive perspective of the industry’s needs and demands.

Speed and flexibility

ISO/TC 20 is constantly evaluating the aerospace industry to make sure its standards are delivered to market in a timely manner and meet immediate industry demands. Standards are also developed to address the impact of emerging technology that may lead to future standardization work in the aerospace arena.
Structure

ISO/TC 20 provides a forum for the work of ten dynamic subcommittees, which cover the following areas:

- **ISO/TC 20/SC 1, Aerospace electrical requirements**
- **ISO/TC 20/SC 4, Aerospace fastener systems**
- **ISO/TC 20/SC 6, Standard atmosphere**
- **ISO/TC 20/SC 8, Aerospace terminology**
- **ISO/TC 20/SC 9, Air cargo and ground equipment**
- **ISO/TC 20/SC 10, Aerospace fluid systems and components**
- **ISO/TC 20/SC 13, Space data and information transfer systems**
- **ISO/TC 20/SC 14, Space systems and operations**
- **ISO/TC 20/SC 16, Unmanned aircraft systems**
- **ISO/TC 20/SC 17, Airport infrastructure**

Get involved!

International standardization needs you! If you are involved in the manufacturing of aircraft and space vehicles, or are operating anywhere in the aerospace supply chain, consider joining us today to shape the industry with international standards that are timely, relevant, and meet your organization’s needs.

Contact us now to learn more.
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