Membership in ASTM International Committee F44

ASTM International opens its doors to all stakeholders with an interest in the standardization process. Individuals with knowledge and interest in the work of F44 are welcome to participate on the committee.

Membership and participation in the activities of Committee F44 provide the opportunity to:

• Network with aviation professionals worldwide;
• Have direct input into the development of new and revised standards;
• Participate in informational webinars;
• Receive a free volume of the Annual Book of ASTM Standards (print, CD, or virtual volume);
• Enjoy discounts on all ASTM publications;
• Receive free subscriptions to ASTM Standardization News and ASTM eNews; and
• Benefit from reduced attendance fees at ASTM symposia and technical workshops.

The annual fee to be an informational or participating member of ASTM International is $75 USD. Annual membership provides access to multiple technical committees at no additional cost.

Visit www.astm.org/JOIN and become an ASTM member today.

About ASTM International

Established in 1898, ASTM International is a globally recognized leader in the development and delivery of international voluntary consensus standards. Today, some 12,000 ASTM standards are used around the world to improve product quality, enhance safety, facilitate market access and trade, and build consumer confidence.

ASTM’s leadership in international standards development is driven by the contributions of its members: more than 30,000 of the world’s top technical experts and business professionals representing 150 nations. Working in an open and transparent process and using ASTM’s best-in-class standards development infrastructure, ASTM members deliver standard test methods, specifications, guides and practices that support industries and governments worldwide.

ASTM International meets the World Trade Organization (WTO) principles for the development of international standards: coherence, consensus, development dimension, effectiveness, impartiality, openness, relevance and transparency.

ASTM standards are accepted and used in research and development, product testing, quality systems and commercial transactions around the globe.

Committee F44 on General Aviation Aircraft

Driven by the needs of global aviation stakeholders, ASTM International Committee F44 on General Aviation Aircraft is spearheading the development of performance standards that transform the way general aviation aircraft are manufactured and certified around the world.

ASTM International
100 Barr Harbor Drive
P.O. Box C700
West Conshohocken, PA 19428-2959
USA
PHONE: +1 610-832-9500
FAX: +1 610-832-9555
EMAIL: service@astm.org
WEB: www.astm.org

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ASTM Committee F44 comes together during a watershed period for the general aviation industry. Complex, time-consuming certification processes and rising manufacturing costs have stalled innovation and contributed to a decline in general aviation flying (aircraft under 19,000 pounds with seating for 19 passengers or less). To foster much needed change, the Federal Aviation Administration and industry stakeholders formed the Part 23 Aviation Rulemaking Committee (ARC).

The Part 23 ARC was chartered with making the recommendations that will bring increased flexibility to the certification process for new aircraft – ultimately cutting costs, streamlining regulatory approval, and facilitating the rollout of new technologies that will increase safety.

Committee F44 standards will enable the implementations put forth by the ARC in overhauling the way aircraft are built and certified. F44 standards for the design and airworthiness of general aviation aircraft will serve to better align certification requirements with the type of operation the aircraft will experience.

"Simplified, higher level rules recommended by the ARC, combined with the use of ASTM performance standards that specify the methods of aircraft compliance, will bring much needed balance and flexibility to the regulatory structure. By addressing the efficiency of the entire manufacturing and certification process, we aim to dramatically improve safety and create a much healthier environment for the aviation industry worldwide."

- Greg Bowles, Director of Engineering, General Aviation Manufacturers Association (GAMA)

F44 Standards: Common Framework for Compliance - Worldwide

The efforts of ASTM International Committee F44 are aimed at creating globally-accepted, consensus standards that establish a common means of regulatory compliance for general aviation aircraft design anywhere in the world. F44 standards will address the complexity and performance of the full spectrum of general aviation aircraft including: design and construction, systems and performance, quality acceptance tests, and safety monitoring.

To facilitate the development of standards that truly mirror the needs of global markets, Committee F44 brings together technical experts from the manufacturing and regulatory community, trade associations and user groups from around the world in an open and inclusive forum.

ASTM International: Proud Heritage in Aviation Standards Development

Committee F44 builds on years of cooperation among aviation industry stakeholders on the development of consensus standards under the ASTM International umbrella. ASTM's broad portfolio of aviation-related standards has been created through the work of its existing technical committees dedicated to the field including F07 on Aerospace and Aircraft, F37 on Light Sport Aircraft and F39 on Aircraft Systems.

F44 Meetings

F44 meets twice annually, typically in conjunction with other ASTM aviation-related standards committees. In addition to face-to-face meetings, F44 stakeholders also leverage ASTM's world-class standards development infrastructure, including advanced electronic tools such as virtual meetings, a work item registration system, and electronic balloting. These tools and technologies enable standards development work to take place throughout the year.

ASTM Contact: ASTM Committee F44 Manager • Christine DeJong • Phone: 610-832-9736 • cdejong@astm.org