



ABOUT ASTM COMMITTEE F39

Participation in **F39** activities is an excellent way to stay abreast of issues related to electrical wiring system design, fabrication, modification, inspection and maintenance procedures and processes, to network with others in the field, to find solutions to technical problems, and to meet others with different backgrounds and perspectives. Over 80 members of committee F39 reside in 11 countries representing various stakeholder organizations.

Meeting semi-annually for one day twice per year either at AEA headquarters, in conjunction with industry association meetings or with F37 on Light Sport Aircraft and F44 on General Aviation Aircraft, F39 develops and updates a range of standards covering specifications, practices, guides, and terminology.

No participation fees are levied for participation on F39; there is only a small annual fee to become an individual member of ASTM. Involvement in the standards development process is facilitated by ASTM's highly developed website and electronic ballot system.

FOR MORE INFORMATION
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F39

THE ASTM COMMITTEE ON AIRCRAFT SYSTEMS

Since 2004, **ASTM Committee F39** has fostered a community of large and small avionics organizations, instrument and equipment manufacturers, academics and others with a general interest in the manufacture of aircraft systems products—brought together to continuously and actively develop an array of documentary standards on aircraft products.

We invite you to join F39 and welcome your participation as we address new product certification challenges.



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OVERVIEW

The Committee, with a current membership of approximately 80, has jurisdiction over 5 published standards, published in **the Annual Book of ASTM Standards**, Volume 15.11.

ASTM F39 COMMITTEE

Chairman: Richard Peri, Aircraft Electronics Association (AEA)

Vice-Chairman: Andrew H. Barker, Trutrak Flight Systems

Secretary: James E. Brady, Federal Aviation Administration (FAA)

Membership Secretary: Tim Bolton, Atlantic Aero Holdings

Member-at-Large: Oliver Reinhardt, Flight Design GmbH

Member-at-Large: Fred Barber, Avidyne Corporation

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Each committee in ASTM International is composed of subcommittees that address specific segments within the general subject area covered by the technical committee. ASTM F39 has 5 technical subcommittees that maintain jurisdiction over these standards.

SUBCOMMITTEES OF ASTM F39

- F39.01** Design, Alteration, and Certification of Electrical Systems
- F39.02** Inspection, Maintenance, and Repair
- F39.03** Design of Avionics Systems
- F39.04** Aircraft Systems
- F39.91** Terminology

PUBLICATIONS SPONSORED BY COMMITTEE F38

- Annual Book of ASTM Standards, Volume 15.11 Consumer Products
- Light Sport Aircraft
- Unmanned Aircraft Systems
- Aircraft Systems
- Unmanned Maritime Vehicle Systems (UMVS)
- Language Services and Products
- General Aviation Aircraft



STANDARDS MAINTAINED BY F39 INCLUDE:

- F2490** Standard Guide for Aircraft Electrical Load and Power Source Capacity Analysis
- F2639** Standard Practice for Design, Alteration, and Certification of Airplane Electrical Wiring Systems
- F2696** Standard Practice for Inspection of Airplane Electrical Wiring Systems
- F2799** Standard Practice for Maintenance of Airplane Electrical Wiring Systems
- F3011** Standard Specification for Performance of Angle of Attack System

STANDARDS IN DEVELOPMENT:

- WK43957** Specification for Validation and Verification of Systems Containing Software
- WK44700** Specification for Airspeed Indication
- WK44701** Specification for altitude indication
- WK44702** Specification for fuel quantity indication
- WK44920** Specification for the Design and Installation of an IR Filter Systems
- WK44921** Practice for Continued Airworthiness of IR Filter System Installation
- WK44922** Practice for the Operational Use of IR Filter Systems

