

# SAE Aerospace Council

David Alexander  
Kerri Rohall

**Supersonic Steering Group**  
Judith Ritchie

**Sustainable Alternative Fuels Steering Group**  
David Franks

**Electric Aircraft Steering Group**  
David Franks

**Digital & Data Steering Group**  
Jonathan Archer

**Integrated Vehicle Health Management (Ivhm) Steering Group**  
Jonathan Archer

**Aerospace General Projects Systems Group**  
Chair: TBD

- G-10 Aerospace Behavioral Engineering Technology (ABET) Steering Group**
  - G-10A Aeronautical Information System
  - G-10D Color Display
  - G-10E Enhanced Vision/Synthetic Vision Systems
  - G-10EAB Executive Advisory Group
  - G-10G Realistic Training
  - G-10H Human Factors Considerations for the Certification of Flight Deck/Cockpit Equipment
  - G-10HWD Head Worn Display
  - G-10J Charting
  - G10MFD Multifunction Displays
  - G-10OL Operational Lasers
  - G-10P Perspective Flight Guidance
  - G-10T Laser Safety Hazards
  - G-10TDS Touch Interactive Display Systems
  - G-10U Unmanned Aerospace Systems
  - G-10V Vertical Flight
  - G-10W Weather Information Systems
  - G-10WV Wake Vortex Committee
- G-18 Radio Frequency Identification (RFID) Aerospace Applications**
- G-20 Airport Lighting**
- G-25 Avionics/Electronics Corrosion CS Commercial Space**
  - CS-1 Space Environment Safety
- G-26 Helicopter Hoists**
- G-27 Lithium Battery Packaging Performance**
- G-28 Simulants for Impact and Ingestion Testing**
- G-30 Unmanned Aircraft Systems Operator Qualifications**
- G-31 Electronic Transactions for Aerospace**
- G-32 Cyber Physical Systems Security**
- G-34 Applied Artificial Intelligence in Safety-Critical Systems**
- G-35 Modeling, Simulation, Training for Emerging Aviation Technologies**
- G-36 Sustainable Waste Management**
- G-37 Process Intensive Materials Certification Guidance**

**Aircraft Systems Group**  
Chair: Robert Garner

- A-4 - Aircraft Instruments**
  - A-4 Air Data Working Group**
  - AS8036 Update Working Group**
  - A-4 ED Electronics Display**
  - A-4 EFIS Working Group**
  - AS407 Working Group**
  - A-4 FLW Fuel Flowmeters**
  - A-4 HUD Head-up Display**
  - A-4 ULD Underwater Locator Device**
- A-5 Aerospace Landing Gear Systems**
  - A-5A Wheels, Brakes & Skid Controls
  - A-5B Gears, Struts & Couplings
  - A-5C Aircraft Tires
- A-10 Aircraft Oxygen Equipment**
- A-20 Aircraft Lighting Steering Group**
  - A-20A Crew Station Lighting
  - A-20B Exterior Lighting
  - A-20C Interior Lighting
- A-21 Aircraft Noise Measure and Noise Aviation Emission Modeling**
- A-22 Fire Protection & Flammability Testing**
- AC-9 Aircraft Environmental Systems**
- AC-9C Aircraft Icing Technology**
- AC-9M Cabin Air Measurement**
- S-7 Flight Deck & Handling Qualities Strds for Transport Aircraft**
- S-9 Cabin Safety Provisions**
  - S-9A Safety Equipment & Survival Systems
  - S-9B Cabin Interiors & Furnishings
- Aircraft SEAT**
- ACBG Airframe Control Bearings Steering Group**
  - ACBGPB Plain Bearing
  - ACBGREB Rolling Element

**Aerospace Materials Systems Group**  
Chair: TBD

- AMS ADV Aerospace Materials Advisory Group**
- Additive Manufacturing**
  - AMS AM Additive Manufacturing**
    - AMS AM-M Additive Manufacturing Metals
    - AMS AM-P Additive Manufacturing Non-Metallic
    - AMS AM-R Additive Manufacturing Repair
- Metals & Related Processes**
  - AMS B Finishes, Processes & Fluids**
  - AMS D Nonferrous Alloys**
  - AMS E Carbon & Low Alloy Steels & Specialty Steels & Alloys**
  - AMS F Corrosion & Heat Resistant Alloys**
  - AMS G Titanium, Beryllium & Refractory Materials**
  - AMEC Aerospace Metals Engineering**
  - ASEC Aerospace Surface Enhancement**
- Non-Metals & Related Processes**
  - AMS CE Elastomers**
  - AMS P Polymeric Materials**
  - AMS P-17 Polymer Matrix Composites**
  - AMS CACRC ATA/IATA/SAE Commercial Aircraft Composite Repair**
  - AMS G-8 Organic Coatings**
  - AMS G-9 Aerospace Sealing**
  - AMS J Aircraft Maint Chemicals & Materials**
  - AMS M Aerospace Greases**
- Non-Destructive Evaluation**
  - AMS K Non-destructive Methods & Processes Magnetic Particle & Penetrant Methods TF**

**Aerospace Mechanical & Fluid Systems Group**  
Chair: Sanford Fleishman

- A-6 Aerospace Actuation, Control and Fluid Power Systems**
  - A-6A Systems/Sub-system Integration
    - A-6A1 Commercial Aircraft
    - A-6A2 Military Aircraft
    - A-6A3 Flight Control Systems
  - A-6B Actuation and Control
    - A-6B1 Hydraulic Servo Actuation
    - A-6B2 Electrohydrostatic Actuation
    - A-6B3 Electro-Mechanical Actuation
  - A-6C Power Generation & Distribution
    - A-6C1 Contamination & Filtration
    - A-6C2 Seals
    - A-6C4 Power Sources
    - A-6C5 Components
- AE-5 Aerospace Fuel, Inerting & Lubrication Systems Steering Group**
  - AE-5A Aerospace Fuel, Inerting & Lubrication Systems
  - AE-5B Aircraft and Engine Fuel and Lubricant Systems Components
  - AE-5C Aviation Ground Fueling Systems
  - AE-5D Fuel Tank Flammability Reduction Systems
- G-3 Aerospace Couplings, Fittings, Hose and Tubing Assemblies**
  - PRI-QPL/QML Panel
  - G-3A Aerospace Couplings TG
  - G-3B Aerospace Fittings TG
  - G-3C AS-EN Harmonization
  - G-3D Aerospace Hose TG
  - G-3E Aerospace Tubing Installation TG

**Aerospace Electronics & Electrical Systems Group**  
Chair: TBD

- AE-2 Lightning**
- AE-4 Electromagnetic Compatibility (EMC) Committee**
- AE-7 Aerospace Electrical Power & Equipment**
  - AE-7A Generators/Controls/Magnetic Devices
  - AE-7B Power Management, Distribution & Storage
  - AE-7C Systems
  - AE-7D Energy Storage and Charging
  - AE-7F Hydrogen and Fuel Cells
  - AE-7M Aerospace Model Based Engineering
  - AE-7P Protective and Control Devices
- AE-8 Aerospace Electrical/Electronic Distribution Systems Steering Group**
  - AE-8A Electrical Wiring & Fiber Optic Interconnect Systems Installation
  - AE-8C1 Connectors
  - AE-8C2 Terminating Devices & Tooling
  - AE-8D Wire & Cable
- AE-9 Electrical Materials**
- AE-10 HVCC High Voltage Coordinating Committee**
  - AE-10 High Voltage
- AE-11 Aging Models for Electrical Insulation in High-Energy Systems**

**Aerospace Propulsion Systems Group**  
Chair: Ian James

- E-25 General Strds for Aerospace and Propulsion Systems**
- E-30 Propulsion Ignition Systems**
- E-31 Aircraft Engine Gas & Particulate Emissions Measurement**
  - E-31B Bleed Air
  - E-31G Gaseous
  - E-31P Particulate Matter
- E-33 In-Flight Propulsion Measurement**
  - E-33A Aeroengine Hazard Zone
- E-34 Propulsion Lubricants**
- E-36 Electronic Engine Controls**
- E-38 Aviation Piston Engine Fuels and Lubricants**
- E-39 Unmanned Aircraft Propulsion**
- E-40 Electrified Propulsion**
- E-41 Engine Corrosion - Runway Deicing Products**
- EG-1 Aerospace Propulsion Sys Support Equip**
  - EG-1A Balancing
  - EG-1B Hand Tools
  - EG-1B1 Power Tools - Productivity, Ergonomics and Safety
  - EG-1E Gas Turbine Engine Test Facilities and Equipment
- S-12 Powered Lift Propulsion**
- S-15 Gas Turbine Performance Simulation Nomenclature and Interfaces**
- S-16 Turbine Engine Inlet Flow Distortion**

**Aerospace Avionic Systems Group**  
Chair: Floyd Fazi

- AS-1 Aircraft Systems & Systems Integration**
  - AS-1A Avionics Networks
  - AS-1B Aircraft-Store Integration
  - AS-1C Avionic Subsystems
- AS-2 Embedded Computing Systems**
  - AS-2C Architecture Analysis and Design
  - AS-2D Time Triggered Systems
  - AS-2D1 Time-Triggered Fieldbus
  - AS-2D2 Deterministic Ethernet and Unified
- AS-3 Fiber Optics and Applied Photonics**
- AS-4 Unmanned Systems Steering Committee**
  - AS-4JAUS Joint Architecture for Unmanned Systems
  - AS-4UCS Unmanned Systems Control Segment Architecture

**Reliability, Maintainability, And Health Management Systems Group**  
Chair: Pete Carini

- G-11M Maintainability Supportability & Logistics**
- G-11PMUQ Probabilistic Methods and Uncertainty Quantification Methods**
- AISCshm Aerospace Industry Steering Committee on Structural Health Monitoring**
- E-32 Aerospace Propulsion Systems Health Management**
- HM-1 Integrated Vehicle Health Management (IVHM)**
- HM-1R Rotorcraft Integrated Vehicle Health Management**

**Airport/Ground Operations And Equipment Systems Group**  
Chair: Jeffery Walsh

- AGE-2 Air Cargo**
- AGE-3 Aircraft Ground Support Equipment**
- AGE-4 Packaging, Handling and Transportability**
- G-12 Aircraft Ground Deicing Steering Group**
  - G-12ADF Aircraft Deicing Fluids
  - G-12AWG Aerodynamics Working Group
  - G-12CWG Coatings Working Group
  - G-12DF Deicing Facilities
  - G-12E Equipment
  - G-12FG Future Deicing
  - G-12HOT Holdover Time
  - G-12M Methods
  - G-12RDP Runway Deicing Product
  - G-12RWG Rotorcraft Ground Deicing Operation Working Group
  - G-12T Training & Quality Program
- G-15 Airport Snow & Ice Control Equipment**

**SYSTEMS DEVELOPMENT & SAFETY, COMPONENT PROCESS AND MANAGEMENT SYSTEMS GROUP**

**Quality, Risk and Safety Systems**  
Chair: Buddy Cressionnie

- S-18 Aircraft & Systems Development and Safety Assessment**
  - S-18A Autonomy Working Group
  - S-18H Human Considerations for Safety Assessment Committee - indented like S-18A
- G-14 Americas Aerospace Quality Standards**
- G-19 Counterfeit Electronic Parts**
  - G-19A Test Laboratory Standards Development
- G-21 Counterfeit Materiel**
  - G-21B Counterfeit and Substandard Battery Risk Mitigation
  - G-21R Counterfeit Refrigerants
- G-22 Aerospace Engine Supplier Quality (AESQ)**
- G-23 Manufacturing Management**
- Component Management | Chair: Anduin Touw**
- APMC Avionics Process Management**
  - CE-11 Component Parts
  - CE-12 Solid State Devices
  - G-24 Pb-free Risk Management Committee for ADHP

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