Fact Sheet

SAE Technical Committee A-4
Aircraft Instruments

Chairperson: Larry Lamberth, Honeywell

The SAE A-4 Aircraft Instruments committee addresses all facets of aircraft instruments—design, manufacture, operation, maintenance, and in-service experience. It is responsible for mechanical, electromechanical, and electronic cockpit instrumentation standards applicable to all civil aircraft, with emphasis on minimum performance standards intended for reference in the FAA Technical Standard Orders (TSO). The group is dedicated to creating, preparing, and maintaining all relevant specifications, standards, and requirements for aircraft instrument systems. Currently there are two subcommittees to cover specific technology areas, they are:

- A-4ED Electronic Displays
- A-4HD Head Up Displays

Participants in the SAE A-4 committee include OEMs, suppliers, aircraft instrument companies, consulting firms, government and others across the aerospace and defense industries.

Standards development/revision activities

- ARP5760 Measurement Procedures for Enhanced Vision System (EVS)
- AS5703 Minimum Performance Standard for Enhanced Vision System (EVS)

Recently published documents

- AS8009B Pressure Altimeter Systems
- AS8034A Minimum Performance Standard for Airborne Multipurpose Electronic
- ARP5288 Transport Category Airplane Head Up Display (Hud) Systems
- ARP4256A Design Objectives for Liquid Crystal Displays for Part 25 (Transport) Aircraft

One world. One standard. One source.
Join an SAE Aerospace Technical Standards committee.

See for yourself the SAE standardization process in action at the next A-4 Aircraft Instruments Committee:

February 2-5, 2009
Melbourne, FL USA

August 10-13, 2009
Tukwilla (Seattle), WA

For more information or to participate on an A-4 Committee, contact:

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