

**SAE Technical Committee A-4 Aircraft   
Instruments**

Fact Sheet

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 three committees to cover specific technology areas, they are:

**A-4ED Electronic Displays**

**A-4HUD Head-up Displays**

**A-4ULD Underwater Locator Devices**

**A-4EFIS Electronic Flight Instrument System Display**

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

For additional information on this SAE Technical Standards Committee, please visit:

<http://www.sae.org/servlets/works/committeeHome.do?comtID=TEAA4>

**Examples of standards development/revision activities**

* AS8002B Air Data Computer - Minimum Performance Standard
* AS8034C Minimum Performance Standard for Airborne Multipurpose Electronic Displays

Recently published documents

* AS6254A Minimum Performance Standard for Low Frequency Underwater Locating Devices (Acoustic) (Self-Powered)
* AS8006A Minimum Performance Standard for Pitot and Pitot-Static Probes
* AS8055A Minimum Performance Standard for Airborne Head Up Display (HUD)