

Air Traffic Management Advisory Committee (ATMAC)
ADS-B Work Group
Terms of Reference

Background

The ADS-B Work Group provides a means by which government and industry collaboratively plan and expedite NAS-wide implementation of Surveillance and Broadcast Services (ADS-B, ADS-R, TIS-B and FIS-B) and develop recommendations for resolving government / industry implementation issues. The group has provided several important recommendations to date in the areas of rulemaking, positioning source backup, and data fusion that are helping to shape the ADS-B program.

Organization:

The small, closed group of government and industry representatives will function and communicate through the planned segments of the FAA's ADS-B Program. The work group communicates with the Requirements and Planning Work Group, RTCA Special Committee 186, "Automatic Dependent Surveillance –Broadcast", the ADS-B Aviation Rulemaking Committee (ARC), and other appropriate committees. ADS-B WG meeting summaries will be published on RTCA web site. All recommendations resulting from the ADS-B WG activities will be reported to the ATMAC.

Tasks:

- **Aviation Rulemaking Committee (ARC)**
Evaluate FAA action plans developed in response to the recommendations from the ADS-B ARC

- **Industry / FAA Tasking**
 - Respond to industry for recommendations to the FAA
 - Respond to tasking from the FAA in support of the following Surveillance and Broadcast Services milestones:

FY2008:

- Critical Design Review
- Key Site Initial Operating Capability (IOC) of Broadcast Services

FY2009:

- In Service Decision of Broadcast Services
- Terminal Separation Standards Approval at Louisville
- En Route Separation Standards Approval for Gulf of Mexico
- Gulf of Mexico Comm and Weather IOC

FY2010:

- Terminal Separation Standards Approval at Philadelphia
- En Route Separation Standards Approval at Juneau
- Louisville IOC of Surveillance and Broadcast Services
- Final Rule Published
- Gulf of Mexico IOC of Surveillance and Broadcast Services
- Philadelphia IOC of Surveillance and Broadcast Services
- Juneau IOC of Surveillance and Broadcast Services
- Surveillance and Broadcast Services ISD for ADS-B

Tasks (Continued):

- **ADS-B Performance Control Board**

Identify five ADS-B WG members to act as user liaison representatives to the ADS-B Performance Control Board. All of the identified liaison representatives may participate in the monthly Performance Control Board meetings. At least one representative should participate in the monthly meeting. A report will be provided each month to the ADS-B WG on the activities of the Performance Control Board.