



**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

Effective Date: June 30, 2010

SUBJ: Automatic Dependent Surveillance Broadcast (ADS-B) In Aviation Rulemaking Committee

1. PURPOSE. This document establishes the Automatic Dependent Surveillance – Broadcast In (ADS-B In) Aviation Rulemaking Committee (ARC) according to the Administrator’s authority under Title 49 of the United States Code (49 U.S.C.), section 106(p)(5).

2. DISTRIBUTION. This document is distributed to the director level in the Offices of Rulemaking; Enroute and Oceanic Services; Chief Counsel; Flight Standards; Aircraft Certification Services; Terminal Services; and Aviation Policy and Plans. It is also distributed at the associate level in the Office of Aviation Safety; the Air Traffic Organization; the Office of Aviation Policy, Planning, and Environment; and the Joint Planning and Development Office.

3. BACKGROUND: An Automatic Dependent Surveillance – Broadcast (ADS-B) Aviation Rulemaking Committee (ARC) was chartered from July 2007 to July 2009. The ADS-B ARC provided a forum for the U.S. aviation community to discuss and review an NPRM for ADS-B Out, formulate recommendations on structuring the proposed ADS-B mandate, and consider additional actions that may be necessary to implement those recommendations.

As a part of the ARC’s final report, the ARC made 36 summary recommendations to the FAA regarding the ADS-B link strategy, business case, required equipment, security, and privacy. The ARC divided their recommendations into two broad categories; those to be resolved before the rule is enacted, and those for future action.

One recommendation for future action was number 27 which stated: *“The NPRM is focused on ADS-B Out and attempts to establish the requirements of ADS-B Out equipment so that it is compatible with ADS-B In. The FAA, in partnership with industry, should define a strategy for ADS-B In by 2012 ensuring the strategy is compatible with ADS-B Out avionics. The FAA also should ensure this program defines how to proceed with ADS-B In beyond the voluntary equipage concept included in the NPRM.”*

Subsequent to the completion of its assigned tasks, the FAA considered whether the original ARC’s charter should be modified and expanded to include ADS-B In functionality. The FAA concluded that the original ADS-B ARC should sunset, and a new ADS-B In ARC should be established.

4. OBJECTIVES AND SCOPE OF THE COMMITTEE. The ADS-B In ARC will provide a forum for the U.S. aviation community to define a strategy for incorporating ADS-B In technologies into the National Airspace System. This ARC's recommendations should provide a clear definition on how the community should proceed with ADS-B In, while ensuring compatibility with the ADS-B Out avionics standards defined in Title 14 of the Code of Federal Regulations §91.225 and 91.227.

- By September 30, 2011, the ARC will submit its recommendations to the Administrator through both the Chief Operating Officer (COO), Air Traffic Organization (ATO) and the Associate Administrator for Aviation Safety; and
- By June 1, 2012, the ARC shall complete all follow on work related to the original submission and prepare a summary report detailing recommended next steps.

5. COMMITTEE PROCEDURES.

- a. The committee provides advice and recommendations to the COO, ATO and the Associate Administrator for Aviation Safety. The committee acts solely in an advisory capacity.
- b. The committee will discuss and present information, guidance, and recommendations that the members of the committee consider relevant to disposing of issues.
- c. The COO, ATO and the Associate Administrator for Aviation Safety will jointly issue additional tasking, including deliverable dates.

6. ORGANIZATION, MEMBERSHIP, AND ADMINISTRATION.

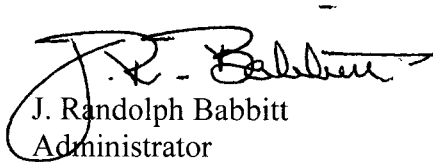
- a. The FAA will convene a committee of approximately 25 representatives from various Aviation User Groups, and segments of Industry and Government.
- b. The committee may set up specialized work groups that will include at least one committee member and invited subject matter experts from industry and Government, as necessary.
- c. The Administrator, through the COO, ATO and the Associate Administrator for Aviation Safety will receive all committee recommendations and reports.
- d. The Administrator is the sponsor of the committee and will select an industry chair(s) from the membership of the committee. Also, the Administrator will select the FAA-designated representative for the committee. Once appointed, the industry chair(s) will:
 - (1) Determine, in coordination with the other members of the committee, when a meeting is required.
 - (2) Arrange notification to all members of the time and place for each meeting.
 - (3) Draft an agenda for each meeting and conduct the meeting.
- e. A Record of Discussions of committee meetings will be kept.
- f. Although a quorum is desirable at committee meetings, it is not required.

7. PUBLIC PARTICIPATION. The ADS-B In ARC meetings are not open to the public. Persons or organizations that are not members of this committee and are interested in attending a meeting must request and receive approval in advance of the meeting from the industry chair(s) or the designated Federal representative.

8. AVAILABILITY OF RECORDS. Under the Freedom of Information Act, 5 U.S.C. § 522, records, reports, agendas, working papers, and other documents that are made available to or prepared for or by the committee will be available for public inspection and copying at the FAA Surveillance and Broadcast Services Program Office (AJE-6), 600 Independence Avenue, SW., Washington, DC 20591. Fees will be charged for information furnished to the public according to the fee schedule published in Title 49 of the Code of Federal Regulations part 7.

9. PUBLIC INTEREST. Forming the ADS-B In ARC is determined to be in the public interest to fulfill the performance of duties imposed on FAA by law.

10. EFFECTIVE DATE AND DURATION. This committee is effective as of June 30, 2010. The committee will remain in existence for two years from the effective date, unless sooner terminated or extended by the Administrator.



J. Randolph Babbitt
Administrator