



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

Air Traffic Organization Policy

**ORDER
JO 7110.662B**

Effective Date:
August 03, 2015

SUBJ: Automatic Dependent Surveillance-Broadcast (ADS-B) Air Traffic Control (ATC) Services at all facilities using Micro-En Route Automatic Tracking System (Micro-EARTS) and at Anchorage ARTCC using Advanced Technologies and Oceanic Procedures (ATOP)

- 1. Purpose of This Order.** This order prescribes guidance for the use of ADS-B information in the provision of ATC services at facilities using Micro-EARTS and at Anchorage ARTCC using ATOP. Guidance contained in orders for facilities providing ATC services using ADS-B with ERAM, Micro-EARTS, ATOP, will be incorporated into the appropriate paragraphs of FAA Orders JO 7110.65 and 7210.3.
- 2. Audience.** This order applies to all facilities using Micro-EARTS and at Anchorage ARTCC using ATOP.
- 3. Where Can I Find This Order?** This order is available on the MyFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices/ and on the FAA Web site at http://www.faa.gov/regulations_policies/orders_notices/.
- 4. Cancellation.** This order cancels JO 7110.662A, Automatic Dependent Surveillance-Broadcast (ADS-B) Air Traffic Control (ATC) Services at facilities using Micro-En Route Automatic Tracking System (Micro-EARTS) operating in Mosaic Display Mode except Anchorage ARTCC and N JO 7210.876, Automatic Dependent Surveillance-Broadcast (ADS-B) Air Traffic Control (ATC) Services at Anchorage Air Route Traffic Control Center (ARTCC) using Micro-En Route Automatic Tracking System (Micro-EARTS) and Advanced Technologies and Oceanic Procedures (ATOP).
- 5. Explanation of Policy Changes.** This order brings Anchorage ARTCC into compliance with existing guidance provided to facilities using Micro-EARTS. This order does not, otherwise, change the guidance contained in JO 7110.662A.
- 6. Procedures.**
 - a. ADS-B surveillance information may be integrated as the preferred, supplemental or sole surveillance source in all facilities using Micro-EARTS and at Anchorage ARTCC using ATOP.
 - b. All procedures and requirements contained in FAA Order JO 7110.65 related to ATC services provided to targets derived from secondary radar apply to ATC services provided to targets derived from ADS-B.
 - c. Targets derived from ADS-B must not be used for 3NM separation under the provisions of paragraph 5-5-4, MINIMA.
- 7. Distribution.** This order is distributed to the ATO Service Areas: System Operations Services, Air Traffic Services (ATS), Western ATS South, Western ATS North, Eastern ATS South; Safety

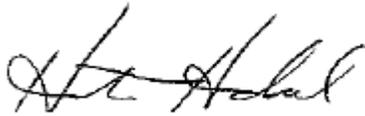
Distribution:

Initiated By:

Directorate; Air Traffic Safety Oversight Service (AOV); William J. Hughes Technical Center and Mike Monroney Aeronautical Center.

8. Background. JO 7110.662A and N JO 7210.876 provided guidance for the use of ADS-B in facilities using Micro-EARTS and ATOP. The issuance of N JO 7210.876 allowed Anchorage ARTCC to integrate ADS-B as a surveillance source in ATOP sectors without changing procedures and phraseology prescribed in previously issued guidance for ADS-B and Micro-EARTS. Anchorage ARTCC has had the opportunity to review and revise appropriate facility guidance, training, and other documents, and determine appropriate training to align with NAS-wide ADS-B procedures. This order prescribes guidance for all facilities using 5NM separation services supported by ADS-B with Micro-EARTS and at Anchorage ARTCC using ATOP.

9. Safety Risk Management. This order prescribes guidance for the use of ADS-B information for a 5NM separation standard between ADS-B targets and ADS-B and radar targets by facilities using Micro-EARTS and at Anchorage ARTCC using Micro-EARTS and ATOP. With the approval of the Surveillance and Broadcast Services (SBS) Program Office Safety Risk Management Document (SRMD) Addendum Critical Services: ATC Surveillance Services with Automatic Dependent Surveillance Broadcast (ADSB) and the Microprocessor En Route Automation System (Micro-EARTS) NAS-wide on 15 August 2014, and the approval of the Surveillance and Broadcast Services (SBS) Program Office Critical Services: ATC Surveillance Services with Automatic Dependent Surveillance Broadcast (ADS-B) and the Advanced Technologies & Oceanic Procedures (ATOP) System Phase 1 Safety Risk Management Document (SRMD) on 22 August 2014, ADS-B is approved for use with Micro-EARTS and ATOP.



Heather Hemdal
Director, Air Traffic Procedures (AJV-8)
Air Traffic Organization

5-29-15

Date Signed