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ADVISORY CIRCULAR

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

SUBJECT: AIRBORNE AUTOMATIC DIRECTION FINDER INSTALLATIONS (LOW AND MEDIUM FREQUENCY)

1. **PURPOSE.** This circular sets forth one means, but not the only means, of demonstrating compliance with the airworthiness rules governing the functioning of airborne automatic direction finders. This circular does not pertain to installations previously approved.
2. **REFERENCES.** Federal Aviation Regulations 23.1301(a)(1); 25.1301(d); 27.1301(d); and 29.1301(d).
3. **ACCEPTABLE MEANS OF COMPLIANCE.** An acceptable means of compliance with the referenced regulations as they apply to airborne automatic direction finder installations on which aircraft operations are to be predicated, is to satisfy the criteria set forth in Part Two, Section III, of Radio Technical Commission for Aeronautics Document No. DO-137, dated 11 April 1968, titled "Minimum Operational Characteristics - Airborne Automatic Direction Finding (ADF) Systems," except that Paragraph B2.c.(2) of Section III need not be satisfied if the aircraft involved meets all three of the following conditions:
 - (a) The aircraft was type certificated under Part 23 or Part 27
 - (b) The aircraft is to be operated solely within the United States
 - (c) The aircraft is not to be operated in Alaska.

This document may be examined at any Federal Aviation Administration Regional Office or purchased from: RTCA Secretariat, Suite 302, 2000 K Street, N.W., Washington, D. C. 20006 at a price of \$3.00 per copy.


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