

§ 87.285

47 CFR Ch. I (10–1–20 Edition)

this chapter. The Commission will determine the suitability of the applicant’s selection based on the probability of interference to and from existing services assigned on the same or adjacent frequencies. All new assignments of frequencies will be subject to such conditions as may be required to minimize the possibility of harmful interference to existing services.

(b) *Alaska.* (1) Only stations which serve scheduled air carriers will be licensed. Applicants must show that the station will provide communications only along routes served by the scheduled operations of such carriers.

(2) The following frequencies are available in Alaska. These frequencies will only be licensed in conjunction with licenses for use of the aeronautical enroute frequencies specified in § 87.263(c).

	kHz
2648.0	5310.0
4645.0	5887.5
4947.5	8015.0
5122.5	

(c) *Gulf of Mexico.* In addition to the provisions of paragraph (a) of this section, the frequencies 4550.0 and 5036.0 kHz are available in the Gulf of Mexico.

AIRCRAFT DATA LINK LAND TEST STATIONS

§ 87.285 **Scope of service.**

The frequencies indicated in § 87.287 of this chapter may be used to test aircraft data link systems on a secondary basis to other licensed stations. Equipment must be designed so that it will engage in data link exchange only with the aircraft whose identification has been programmed into the device, and must comply with the applicable specifications for VDL Mode 2 operation set forth in the ICAO “Manual on VHF Digital Link (VDL) Mode 2” First Edition-2001, and RTCA DO-281A,” Minimum Operational Performance Standards for Aircraft VDL Mode 2 Physical, Link and Network Layer”, November 8, 2005. These documents are incorporated by reference in accordance with 5 U.S.C. 552(a), and 1 CFR part 51 and approved by the Director of the Federal Register. The RTCA document is avail-

able and may be obtained from RTCA, Inc., 1828 L Street NW., Suite 805, Washington, DC 20036 and by email to info@rtca.org or go to <http://RTCA.org>. The ICAO document is available and may be obtained from the ICAO, Customer Services Unit, 999 University Street, Montréal, Quebec H3C 5H7, Canada, by email to icaohq@icao.int or go to: <http://www.ICAO.int>. You may inspect a copy at the Federal Communications Commission, 445 12th Street SW., Washington, DC 20554, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

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§ 87.287 **Frequencies.**

(a) The frequencies assignable to aircraft data link land test stations are 131.450 MHz, 131.550 MHz, 131.725 MHz, 131.825 MHz, 136.850 MHz, 136.900 MHz, 136.925 MHz, 136.950 MHz, and 136.975 MHz. Interstitial frequencies separated by 8.33 kilohertz from these frequencies may also be assigned.

(b) Before submitting an application for an aircraft data link land test station, an applicant must obtain written permission from the licensee of the aeronautical enroute stations serving the areas in which the aircraft data link land test station will operate on a co-channel basis. The Commission may request an applicant to provide documentation as to this fact.

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Subpart J—Flight Test Stations

§ 87.299 **Scope of service.**

The use of flight test stations is restricted to the transmission of necessary information or instructions relating directly to tests of aircraft or components thereof.

§ 87.301 **Supplemental eligibility.**

(a) The following entities are eligible for flight test station licenses:

- (1) Manufacturers of aircraft or major aircraft components;