

§ 87.285

47 CFR Ch. I (10–1–14 Edition)

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 available 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 icao@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.

[78 FR 61207, Oct. 3, 2013]

§ 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.

[78 FR 61207, Oct. 3, 2013]

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;

(2) A parent corporation or its subsidiary if either corporation is a manufacturer of aircraft or major aircraft components; or

(3) Educational institutions and persons primarily engaged in the design, development, modification, and flight test evaluation of aircraft or major aircraft components.

(b) Each application must include a certification sufficient to establish the applicant's eligibility under the criteria in paragraph (a) of this section.

[53 FR 28940, Aug. 1, 1988, as amended at 63 FR 68957, Dec. 14, 1998]

§ 87.303 Frequencies.

(a) These frequencies are available for assignment to flight test land and aircraft stations:

Table with 4 columns of frequencies: 3281.0<sup>1</sup>, 123.175<sup>2</sup>, 123.225<sup>3</sup>, 123.400<sup>2</sup>, 123.200<sup>3</sup>, 123.375<sup>3</sup>, 123.450<sup>3</sup>

(b) These additional frequencies are available for assignment only to flight test stations of aircraft manufacturers:

Table with 4 columns of frequencies: 123.125<sup>2</sup>, 123.150<sup>2</sup>, 123.250<sup>3</sup>, 123.275<sup>3</sup>, 123.325<sup>3</sup>, 123.350<sup>3</sup>, 123.425<sup>3</sup>, 123.475<sup>3</sup>, 123.525<sup>3</sup>, 123.550<sup>3</sup>, 123.575<sup>2</sup>

<sup>1</sup>When R3E, H3E or J3E emission is used, the assigned frequency will be 3282.4 kHz (3281.0 kHz carrier frequency).

<sup>2</sup>This frequency is available only to itinerant stations that have a requirement to be periodically transferred to various locations.