

§ 87.189

47 CFR Ch. I (10-1-15 Edition)

degree radial of very high frequency omni-directional radio range of Hilo International Airport.

(5) The frequency 127.050 MHz is authorized for air-to-air use for aircraft over and within five nautical miles of the shoreline of the Hawaiian Island of Hawaii when aircraft are north and west of the 215 degree radial of very high frequency omni-directional radio range of Hilo International Airport.

(6) The frequency 127.050 MHz is authorized for air-to-air use for aircraft over and within five nautical miles of the Hawaiian Island of Kauai.

(hh) (1) The frequency 121.95 MHz is authorized for air-to-air communications for aircraft within the area bounded by the following coordinates (all coordinates are referenced to North American Datum 1983 (NAD83)):

- 33-46-00 N. Lat.; 118-27-00 W. Long.
- 33-47-00 N. Lat.; 118-12-00 W. Long.
- 33-40-00 N. Lat.; 118-00-00 W. Long.
- 33-35-00 N. Lat.; 118-08-00 W. Long.
- 34-00-00 N. Lat.; 118-26-00 W. Long.

(2) The frequency 122.775 MHz is authorized for air-to-air communications for aircraft within the area bounded by the following coordinates (all coordinates are referenced to North American Datum 1983 (NAD83)):

- 34-22-00 N. Lat.; 118-30-00 W. Long.
- 34-35-00 N. Lat.; 118-15-00 W. Long.
- 34-27-00 N. Lat.; 118-15-00 W. Long.
- 34-16-00 N. Lat.; 118-35-00 W. Long.
- 34-06-00 N. Lat.; 118-35-00 W. Long.
- 34-05-00 N. Lat.; 118-50-00 W. Long.

(3) The frequency 123.30 MHz is authorized for air-to-air communications for aircraft within the area bounded by the following coordinates (all coordinates are referenced to North American Datum 1983 (NAD83)):

- 34-08-00 N. Lat.; 118-00-00 W. Long.
- 34-10-00 N. Lat.; 117-08-00 W. Long.
- 34-00-00 N. Lat.; 117-08-00 W. Long.
- 33-53-00 N. Lat.; 117-42-00 W. Long.
- 33-58-00 N. Lat.; 118-00-00 W. Long.

(4) The frequency 123.50 MHz is authorized for air-to-air communications for aircraft within the area bounded by the following coordinates (all coordinates are referenced to North American Datum 1983 (NAD83)):

- 33-53-00 N. Lat.; 117-37-00 W. Long.
- 34-00-00 N. Lat.; 117-15-00 W. Long.
- 34-00-00 N. Lat.; 117-07-00 W. Long.

- 33-28-00 N. Lat.; 116-55-00 W. Long.
- 33-27-00 N. Lat.; 117-12-00 W. Long.

(5) The frequency 123.50 MHz is authorized for air-to-air communications for aircraft within the area bounded by the following coordinates (all coordinates are referenced to North American Datum 1983 (NAD83)):

- 33-50-00 N. Lat.; 117-48-00 W. Long.
- 33-51-00 N. Lat.; 117-41-00 W. Long.
- 33-38-00 N. Lat.; 117-30-00 W. Long.
- 33-30-00 N. Lat.; 117-30-00 W. Long.
- 33-30-00 N. Lat.; 117-49-00 W. Long.

[53 FR 28940, Aug. 1, 1988]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 87.187, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

§ 87.189 Requirements for public correspondence equipment and operations.

(a) Transmitters used for public correspondence by aircraft stations in the maritime mobile frequency bands must be authorized by the Commission in conformity with part 80 of this chapter.

(b) Transmitters used for public correspondence by aircraft stations in the Aeronautical Mobile-Satellite (R) or Maritime Mobile-Satellite frequencies must be certificated by the Commission in conformity with part 87. Aircraft earth stations that are required to be commissioned to use a privately owned satellite system also must meet the provisions of § 87.51.

(c) A continuous watch must be maintained on the frequencies used for safety and regularity of flight while public correspondence communications are being handled. For aircraft earth stations, this requirement is satisfied by compliance with the priority and preemptive access requirements of § 87.187(q).

(d) All communications in the Aeronautical Mobile Service and the Aeronautical Mobile-Satellite (R) Service have priority over public correspondence.

(e) Transmission of public correspondence must be suspended when such operation will delay or interfere with message pertaining to safety of life and property or regularity of

Federal Communications Commission

§ 87.199

flight, or when ordered by the captain of the aircraft.

[53 FR 28940, Aug. 1, 1988, as amended at 57 FR 45750, Oct. 5, 1992; 63 FR 36608, July 7, 1998; 69 FR 32884, June 14, 2004]

§ 87.191 Foreign aircraft stations.

(a) Aircraft of member States of the International Civil Aviation Organization may carry and operate radio transmitters in the United States airspace only if a license has been issued by the State in which the aircraft is registered and the flight crew is provided with a radio operator license of the proper class, issued or recognized by the State in which the aircraft is registered. The use of radio transmitters in the United States airspace must comply with these rules and regulations.

(b) Notwithstanding paragraph (a) of this section where an agreement with a foreign government has been entered into with respect to aircraft registered in the United States but operated by an aircraft operator who is subject to regulation by that foreign government, the aircraft radio station license and aircraft radio operator license may be issued by such foreign government.

EMERGENCY LOCATOR TRANSMITTERS

§ 87.193 Scope of service.

Transmissions by emergency locator transmitters (ELTs) are intended to be actuated manually or automatically and operated automatically as part of an aircraft or a survival craft station as a locating aid for survival purposes.

§ 87.195 Frequencies.

(a) ELTs transmit on the frequency 121.500 MHz, using A3E, A3X or NON emission. ELTs that transmit on the frequency 406.0–406.1 MHz use G1D emission.

(b) The frequency 243.000 MHz is an emergency and distress frequency available for use by survival craft stations, ELTs and equipment used for survival purposes which are also equipped to transmit on the frequency 121.500 MHz. Use of 243.000 MHz must be limited to transmission of signals and communications for survival purposes.

In the case of ELTs use of A3E, A3X or NON emission is permitted.

[53 FR 28940, Aug. 1, 1988, as amended at 56 FR 11518, Mar. 19, 1991; 58 FR 30128, May 26, 1993; 69 FR 32884, June 14, 2004]

EFFECTIVE DATE NOTE: At 76 FR 17353, Mar. 29, 2011, § 87.195 was stayed indefinitely.

EDITORIAL NOTE: At 76 FR 17352, Mar. 29, 2011, § 87.195 was amended by revising the section heading, and adding introductory text, however these amendments could not be incorporated because the section is suspended. For the convenience of the user, the revised and added text is set forth as follows:

§ 87.195 Prohibition of 121.5 MHz ELTs.

The manufacture, importation, sale or use of 121.5 MHz ELTs is prohibited.

* * * * *

§ 87.197 ELT test procedures.

ELT testing must avoid outside radiation. Bench and ground tests conducted outside of an RF-shielded enclosure must be conducted with the ELT terminated into a dummy load.

§ 87.199 Special requirements for 406.0–406.1 MHz ELTs.

(a) 406.0–406.1 MHz ELTs use G1D emission. Except for the spurious emission limits specified in § 87.139(h), 406.0–406.1 MHz ELTs must meet all the technical and performance standards contained in the Radio Technical Commission for Aeronautics document titled “Minimum Operational Performance Standards 406 MHz Emergency Locator Transmitters (ELT)” Document No. RTCA/DO–204 dated September 29, 1989. The Director of the Federal Register approves this incorporation by reference in accordance with 5 U.S.C 552(a) and 1 CFR part 51. Copies of this standard can be inspected at the Federal Communications Commission, 445 12th Street SW., Washington, DC (Reference Information Center) 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. Copies of the RTCA standards also may be obtained from the Radio Technical Commission for