

Subpart E—Frequencies

§ 87.169 Scope.

This subpart contains class of station symbols and a frequency table which lists assignable frequencies. Frequencies in the Aviation Services will transmit communications for the safe, expeditious, and economic operation of aircraft and the protection of life and property in the air. Each class of land station may communicate in accordance with the particular sections of this part which govern these classes. Land stations in the Aviation Services in Alaska may transmit messages concerning sickness, death, weather, ice conditions or other matters relating to safety of life and property if there is no other established means of communications between the points in question and no charge is made for the communications service.

[69 FR 32882, June 14, 2004]

§ 87.171 Class of station symbols.

The two or three letter symbols for the classes of station in the aviation services are:

Symbol and class of station

AX—Aeronautical fixed
 AVW—Audio visual warning systems
 AXO—Aeronautical operational fixed
 DGP—Differential GPS
 DLT—Aircraft data link land test
 FA—Aeronautical land (unspecified)
 FAC—Airport control tower
 FAE—Aeronautical enroute
 FAM—Aeronautical multicom
 FAR—Aeronautical search and rescue
 FAS—Aviation support

FAT—Flight test
 FAU—Aeronautical advisory (unicom)
 FAW—Automatic weather observation
 GCO—Ground Communication Outlet
 MA—Aircraft (Air carrier and Private)
 MA1—Air carrier aircraft only
 MA2—Private aircraft only
 MOU—Aeronautical utility mobile
 MRT—ELT test
 RCO—Remote Communications Outlet
 RL—Radionavigation land (unspecified)
 RLA—Marker beacon
 RLB—Radiobeacon
 RLD—RADAR/TEST
 RLG—Glide path
 RLL—Localizer
 RLO—VHF omni-range
 RLS—Surveillance radar
 RLТ—Radionavigation land test
 RLW—Microwave landing system
 RNV—Radio Navigation Land/DME
 RPC—Ramp Control
 TJ—Aircraft earth station in the Aeronautical Mobile-Satellite Service
 UAT—Universal Access Transceiver

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§ 87.173 Frequencies.

(a) The table in paragraph (b) of this section lists assignable carrier frequencies or frequency bands.

(1) The single letter symbol appearing in the “Subpart” column indicates the subpart of this part which contains additional applicable regulations.

(2) The two or three letter symbol appearing in the “Class of Station” column indicates the class of station to which the frequency is assignable.

(b) Frequency table:

Frequency or frequency band	Subpart	Class of station	Remarks
90–110 kHz	Q	RL	LORAN “C”.
190–285 kHz	Q	RLB	Radiobeacons.
200–285 kHz	O	FAC	Air traffic control.
325–405 kHz	O	FAC	Air traffic control.
325–435 kHz	Q	RLB	Radiobeacons.
410.0 kHz	F	MA	International direction-finding for use outside of United States.
457.0 kHz	F	MA	Working frequency for aircraft on over-water flights.
500.0 kHz	F	MA	International calling and distress frequency for ships and aircraft on over-water flights.
510–535 kHz	Q	RLB	Radiobeacons.
2182.0 kHz	F	MA	International distress and calling.
2648.0 kHz	I	AX	Alaska station.
2850.0–3025.0 kHz	I	MA, FAE	International HF.
2851.0 kHz	I, J	MA, FAE, FAT	International HF; Flight Test.
2866.0 kHz	I	MA, FAE	Domestic HF; (Alaska).
2875.0 kHz	I	MA, FAE	Domestic HF.
2878.0 kHz	I	MA1, FAE	Domestic HF; International HF.