

**Federal Communications Commission**

**§ 87.449**

bands are available to control towers and RCOs. Channel spacing is 25 kHz.

- 118.000–121.400 MHz
- 121.600–121.925 MHz
- 123.600–128.800 MHz
- 132.025–135.975 MHz

(a) The frequency 123.100 MHz is available for use by control towers and RCOs at special aeronautical events on the condition that no harmful interference is caused to search and rescue operations in the locale involved.

(b) Frequencies in the bands 200.0–285.0 and 325.0–405.0 kHz will normally be assigned only to control towers and RCOs authorized to operate on at least one VHF frequency. The Commission may assign frequencies in these bands to entities that do not provide VHF service in cases where granting such an application will not adversely affect life and property in the air.

(c) Frequencies listed in the introductory paragraph of this section are available to control towers and RCOs for communications with ground vehicles and aircraft on the ground. The antenna heights shall be restricted to the minimum necessary to achieve the required coverage. Channel spacing is 25 kHz.

(d) 121.500 MHz: emergency and distress only.

[53 FR 28940, Aug. 1, 1988, as amended at 55 FR 30464, July 26, 1990; 63 FR 68958, Dec. 14, 1998; 69 FR 32886, June 14, 2004; 71 FR 70680, Dec. 6, 2006]

**§ 87.423 Hours of operation.**

The control tower must render a communications service 24 hours a day unless the Commission determines, in coordination with the NTIA IRAC, that reduced hours of service will not adversely affect life and property in the air.

[63 FR 68958, Dec. 14, 1998]

**§ 87.425 Interference.**

Control towers and RCOs must not cause harmful interference to control towers or RCOs at adjacent airports. If interference between adjacent control towers or RCOs exists, the Commission will direct the licensees how to eliminate the interference.

[55 FR 30465, July 26, 1990]

**Subpart P—Operational Fixed Stations**

**§ 87.445 Scope of service.**

An operational fixed station provides control, repeater or relay functions for its associated aeronautical station.

**§ 87.447 Supplemental eligibility.**

An applicant for an operational fixed station must certify that:

- (a) The applicant is the licensee of an aeronautical land station in the aeronautical mobile service; and
- (b) Common carrier facilities are not available to satisfy the aeronautical station's requirements.

[53 FR 28940, Aug. 1, 1988, as amended at 63 FR 68958, Dec. 14, 1998]

**§ 87.449 Frequencies.**

The following frequencies in the 72–76 MHz band are assignable to operational fixed stations using vertical polarization, if no harmful interference is caused to TV reception on Channels 4 and 5. These frequencies are shared with the Land Mobile and the Maritime Mobile Services.

**OPERATIONAL FREQUENCIES IN THE 72–76 MHz BAND**

*Carrier frequency in MHz*

72.02	72.66
72.04	72.68
72.06	72.70
72.08	72.72
72.10	72.74
72.12	72.76
72.14	72.78
72.16	72.80
72.18	72.82
72.20	72.84
72.22	72.86
72.24	72.88
72.26	72.90
72.28	72.92
72.30	72.94
72.32	72.96
72.34	72.98
72.36	75.42
72.38	75.46
72.40	75.50
72.42	75.54
72.46	75.58
72.50	75.62
72.54	75.64
72.58	75.66
72.62	75.68
72.64	75.70