

**Federal Communications Commission**

**§ 87.131**

identified by the location of its control point.

(c) *Survival craft station.* Identify by transmitting a reference to its parent aircraft. No identification is required when distress signals are transmitted automatically. Transmissions other than distress or emergency signals, such as equipment testing or adjustment, must be identified by the call sign or by the registration marking of the parent aircraft followed by a single digit other than 0 or 1.

(d) *Exempted station.* The following types of stations are exempted from the use of a call sign: Airborne weather radar, radio altimeter, air traffic control transponder, distance measuring equipment, collision avoidance equipment, racon, radio relay, radionavigation land test station (MTF), and automatically controlled aeronautical enroute stations.

**§ 87.109 Station logs.**

A station at a fixed location in the international aeronautical mobile serv-

ice must maintain a written or automatic log in accordance with Paragraph 3.5, Volume II, Annex 10 of the ICAO Convention.

**§ 87.111 Suspension or discontinuance of operation.**

The licensee of any airport control tower station or radionavigation land station must notify the nearest FAA regional office upon the temporary suspension or permanent discontinuance of the station. The FAA center must be notified again when service resumes.

[54 FR 11720, Mar. 22, 1989]

**Subpart D—Technical Requirements**

**§ 87.131 Power and emissions.**

The following table lists authorized emissions and maximum power. Power must be determined by direct measurement.

Class of station	Frequency band/frequency	Authorized emission(s) <sup>9</sup>	Maximum power <sup>1</sup>
Aeronautical advisory .....	VHF .....	A3E .....	10 watts. <sup>10</sup>
Aeronautical multicom .....	VHF .....	A3E .....	10 watts.
Aeronautical enroute and aeronautical fixed.	HF .....	R3E, H3E, J3E, J7B, H2B .....	6 kw.
	HF .....	A1A, F1B, J2A, J2B .....	1.5 kw.
	VHF .....	A3E, A9W, G1D .....	200 watts. <sup>2</sup>
Aeronautical search and rescue .....	VHF .....	A3E .....	10 watts.
	HF .....	R3E, H3E, J3E .....	100 watts.
Operational fixed .....	VHF .....	G3E, F2D .....	30 watts.
Flight test land .....	VHF .....	A3E .....	200 watts.
	UHF .....	F2D, F9D, F7D .....	25 watts. <sup>3</sup>
	HF .....	H2B, J3E, J7D, J9W .....	6.0 kw.
Aviation support .....	VHF .....	A3E .....	50 watts.
Airport control tower .....	VHF .....	A3E, G1D, G7D .....	50 watts.
	Below 400 kHz ...	A3E .....	15 watts.
Aeronautical utility mobile .....	VHF .....	A3E .....	10 watts.
Radionavigation land test .....	108.150 MHz .....	A9W .....	1 milliwatt.
	334.550 MHz .....	A1N .....	1 milliwatt.
	Other VHF .....	M1A, XXA, A1A, A1N, A2A, A2D, A9W ...	1 watt.
	Other UHF .....	M1A, XXA, A1A, A1N, A2A, A2D, A9W ...	1 watt.
	5031.0 MHz .....	F7D .....	1 watt.
Radionavigation land .....	Various <sup>4</sup> .....	Various <sup>4</sup> .....	Various. <sup>4</sup>
Aeronautical Frequencies			
	Aeronautical Frequencies.		
Aircraft (Communication) .....	UHF .....	F2D, F9D, F7D .....	25 watts.
	VHF .....	A3E, A9W, G1D, G7D .....	55 watts.
	HF .....	R3E, H3E, J3E, J7B, H2B, J7D, J9W .....	400 watts.
	HF .....	A1A, F1B, J2A, J2B .....	100 watts.
Marine Frequencies <sup>5</sup>			
	156.300 MHz .....	G3E .....	5 watts.
	156.375 MHz .....	G3E .....	5 watts.
	156.400 MHz .....	G3E .....	5 watts.
	156.425 MHz .....	G3E .....	5 watts.
	156.450 MHz .....	G3E .....	5 watts.
	156.625 MHz .....	G3E .....	5 watts.