

**§ 17.14–17.17**

**§ 17.14–17.17 [Reserved]**

**Subpart C—Specifications for Obstruction Marking and Lighting of Antenna Structures**

**§ 17.21 Painting and lighting, when required.**

Antenna structures shall be painted and lighted when:

(a) Their height exceeds any obstruction standard requiring notification to the FAA (see § 17.4(a) and § 17.7).

(b) The Commission may modify the above requirement for painting and/or lighting of antenna structures, when it is shown by the applicant that the absence of such marking would not impair the safety of air navigation, or that a lesser marking requirement would insure the safety thereof.

(c) An antenna installation is of such a nature that its painting and lighting specifications in accordance with the FAA airspace recommendation are confusing, or endanger rather than assist airmen, or are otherwise inadequate. In these cases, the Commission will specify the type of painting and lighting or other marking to be used for the particular structure.

[32 FR 11269, Aug. 3, 1967, as amended at 42 FR 54824, Oct. 11, 1977; 79 FR 56986, Sept. 24, 2014]

**§ 17.22 [Reserved]**

**§ 17.23 Specifications for painting and lighting antenna structures.**

Unless otherwise specified by the Commission, each new or altered antenna structure must conform to the FAA's painting and lighting specifications set forth in the FAA's final determination of "no hazard" and the associated FAA study for that particular structure. For purposes of this part, any specifications, standards, and general requirements set forth by the FAA in the structure's determination of "no hazard" and the associated FAA study are mandatory. Additionally, each antenna structure must be painted and lighted in accordance with any painting and lighting requirements prescribed on the antenna structure's registration, or in accordance with any

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other specifications provided by the Commission.

[79 FR 56986, Sept. 24, 2014]

**§ 17.24 Existing structures.**

No change to painting or lighting criteria or relocation of airports shall at any time impose a new restriction upon any then existing or authorized antenna structure or structures, unless the FAA issues a new determination of "no hazard" and associated FAA study for the particular structure.

[79 FR 56986, Sept. 24, 2014]

**§§ 17.25–17.45 [Reserved]**

**§ 17.47 Inspection of antenna structure lights and associated control equipment.**

The owner of any antenna structure which is registered with the Commission and has been assigned lighting specifications referenced in this part:

(a)(1) Shall make an observation of the antenna structure's lights at least once each 24 hours either visually or by observing an automatic properly maintained indicator designed to register any failure of such lights, to insure that all such lights are functioning properly as required; or alternatively,

(2) Shall provide and properly maintain an automatic alarm system designed to detect any failure of such lights and to provide indication of such failure to the owner.

(b) Shall inspect at intervals not to exceed 3 months all automatic or mechanical control devices, indicators, and alarm systems associated with the antenna structure lighting to insure that such apparatus is functioning properly.

(c) Is exempt from paragraph (b) of this section for any antenna structure monitored by a system that the Wireless Telecommunications Bureau has determined includes self-diagnostic features sufficient to render quarterly inspections unnecessary, upon certification of use of such system to the Bureau.

[61 FR 4363, Feb. 6, 1996, as amended at 79 FR 56986, Sept. 24, 2014]