

## Federal Communications Commission

## § 17.17

safety, rulemaking proceedings will not be instituted. If rulemaking proceedings are instituted, any person filing comments therein which concern the question of whether the proposed antenna farm will constitute a menace to air navigation shall file a copy of the comments with the Administrator of the FAA. Proof of such filing shall be established in accordance with § 1.47 of this chapter.

(b) Nothing in this subpart shall be construed to mean that only one antenna farm area will be designated for a community. The Commission will consider on a case-by-case basis whether or not more than one antenna farm area shall be designated for a particular community.

[32 FR 8813, June 21, 1967, as amended at 32 FR 13591, Sept. 28, 1967]

### § 17.9 Designated antenna farm areas.

The areas described in the following paragraphs of this section are established as antenna farm areas [appropriate paragraphs will be added as necessary].

[32 FR 8813, June 21, 1967]

### § 17.10 Antenna structures over 304.80 meters (1,000 feet) in height.

Where one or more antenna farm areas have been designated for a community or communities (see § 17.9), the Commission will not accept for filing an application to construct a new station or to increase height or change antenna location of an existing station proposing the erection of an antenna structure over 304.80 meters (1,000 feet) above ground unless:

(a) It is proposed to locate the antenna structure in a designated antenna farm area, or

(b) It is accompanied by a statement from the Federal Aviation Administration that the proposed structure will not constitute a menace to air navigation, or

(c) It is accompanied by a request for waiver setting forth reasons sufficient, if true, to justify such a waiver.

[32 FR 8813, June 21, 1967, as amended at 42 FR 54824, Oct. 11, 1977; 61 FR 4363, Feb. 6, 1996]

### § 17.14 Certain antenna structures exempt from notification to the FAA.

A notification to the Federal Aviation Administration is not required for any of the following construction or alteration:

(a) Any object that would be shielded by existing structures of a permanent and substantial character or by natural terrain or topographic features of equal or greater height, *and* would be located in the congested area of a city, town, or settlement where it is evident beyond all reasonable doubt that the structure so shielded will not adversely affect safety in air navigation. Applicant claiming such exemption under § 17.14(a) shall submit a statement with their application to the FCC explaining basis in detail for their finding.

(b) Any antenna structure of 6.10 meters (20 feet) or less in height except one that would increase the height of another antenna structure.

(c) Any air navigation facility, airport visual approach or landing aid, aircraft arresting device, or meteorological device, of a type approved by the Administrator of the Federal Aviation Administration, the location and height of which is fixed by its functional purpose.

[32 FR 11269, Aug. 3, 1967, as amended at 39 FR 7581, Feb. 27, 1974; 42 FR 54824, Oct. 11, 1977; 61 FR 4363, Feb. 6, 1996]

### § 17.17 Existing structures.

(a) The requirements found in § 17.23 relating to painting and lighting of antenna structures shall not apply to those structures authorized prior to July 1, 1996. Previously authorized structures may retain their present painting and lighting specifications, so long as the overall structure height or site coordinates do not change. The Antenna Structure Registration requirements found in § 17.5, however, shall apply to all antenna structures that have been assigned painting or lighting requirements by the Commission, regardless of prior authorization.

(b) No change in any of these criteria or relocation of airports shall at any time impose a new restriction upon

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any then existing or authorized antenna structure or structures.

[32 FR 11269, Aug. 3, 1967, as amended at 61 FR 4363, Feb. 6, 1996]

**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) They exceed 60.96 meters (200 feet) in height above the ground or they require special aeronautical study.

(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.

[32 FR 11269, Aug. 3, 1967, as amended at 42 FR 54824, Oct. 11, 1977]

**§ 17.22 Particular specifications to be used.**

Whenever painting or lighting is required, the Commission will generally assign specifications in accordance with the FAA Advisory Circulars referenced in § 17.23. If an antenna installation is of such a nature that its painting and lighting in accordance with these specifications are confusing, or endanger rather than assist airmen, or are otherwise inadequate, the Commission will specify the type of painting and lighting or other marking to be used in the individual situation.

[32 FR 11269, Aug. 3, 1967, as amended at 61 FR 4363, Feb. 6, 1996]

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

Unless otherwise specified by the Commission, each new or altered antenna structure to be registered on or after January 1, 1996, must conform to the FAA's painting and lighting recommendations set forth on the structure's FAA determination of "no hazard," as referenced in the following FAA Advisory Circulars: AC 70/7460-1J, "Obstruction Marking and Lighting,"

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effective January 1, 1996, and AC 150/5345-43E, "Specification for Obstruction Lighting Equipment," dated October 19, 1995. These documents are incorporated by reference in accordance with 5 U.S.C. 552(a). The documents contain FAA recommendations for painting and lighting structures which pose a potential hazard to air navigation. For purposes of this part, the specifications, standards, and general requirements stated in these documents are mandatory. The Advisory Circulars listed are available for inspection at the Commission Headquarters in Washington, DC, or may be obtained from Department of Transportation, Property Use and Storage Section, Subsequent Distribution Office, M483.6, Ardmore East Business Center, 3341 Q 75th Avenue, Landover, MD 20785, telephone (301) 322-4961, facsimile (301) 386-5394. Copies are also available for public inspection at the Office of the Federal Register, 800 North Capitol Street, Suite 700, Washington, DC.

[64 FR 27474, May 20, 1999]

**AVIATION RED OBSTRUCTION LIGHTING  
[RESERVED]**

**§§ 17.24-17.38 [Reserved]**

**HIGH INTENSITY WHITE OBSTRUCTION  
LIGHTING**

NOTE: When authorized by the Commission, high intensity white obstruction lighting will be used in lieu of obstruction marking and lighting specified in §§ 17.23 through 17.37.

In general, the number of levels of high intensity lighting specified is dependent upon the overall height of the skeletal frame or comparable main support structure, excluding antennas or similar appurtenances. A white capacitor discharge omnidirectional light is mounted on or adjacent to the appurtenance, if more than 6.10 meters (20 feet), to complement the lighting system.

Where a dual lighting system is employed, i.e., high intensity white obstruction lighting during daylight and red obstruction lighting at night, the omnidirectional high intensity light, if equipped with an aviation red color filter for nighttime illumination, may be used in lieu of the 300 mm top beacon specified in § 17.24(a) and paragraph (a)(1) in §§ 17.25 through 17.37.