

Federal Communications Commission

§ 17.54

Antenna Structure Registration Number, the height of the structure (AGL and AMSL if known) and the name, title, address, and telephone number of the person making the report. Further notification by telephone or telegraph shall be given immediately upon resumption of normal operation of the light or lights.

(b) An extinguishment or improper functioning of a steady burning side intermediate light or lights, shall be corrected as soon as possible, but notification to the FAA of such extinguishment or improper functioning is not required.

[32 FR 11273, Aug. 3, 1967, as amended at 39 FR 26157, July 17, 1974; 40 FR 30267, July 18, 1975; 61 FR 4364, Feb. 6, 1996]

§ 17.49 Recording of antenna structure light inspections in the owner record.

The owner of each antenna structure which is registered with the Commission and has been assigned lighting specifications referenced in this part must maintain a record of any observed or otherwise known extinguishment or improper functioning of a structure light and include the following information for each such event:

- (a) The nature of such extinguishment or improper functioning.
- (b) The date and time the extinguishment or improper operation was observed or otherwise noted.
- (c) Date and time of FAA notification, if applicable.
- (d) The date, time and nature of adjustments, repairs, or replacements made.

[48 FR 38477, Aug. 24, 1983, as amended at 61 FR 4364, Feb. 6, 1996]

§ 17.50 Cleaning and repainting.

Antenna structures requiring painting under this part shall be cleaned or repainted as often as necessary to maintain good visibility.

[61 FR 4364, Feb. 6, 1996]

§ 17.51 Time when lights should be exhibited.

(a) All red obstruction lighting shall be exhibited from sunset to sunrise unless otherwise specified.

(b) All high intensity and medium intensity obstruction lighting shall be exhibited continuously unless otherwise specified.

[40 FR 30267, July 18, 1975, as amended at 61 FR 4364, Feb. 6, 1996]

§ 17.53 Lighting equipment and paint.

The lighting equipment, color or filters, and shade of paint referred to in the specifications are further defined in the following government and/or Army-Navy aeronautical specifications, bulletins, and drawings (lamps are referred to by standard numbers):

| | |
|---|---|
| Outside white | TT-P-102 ¹ (Color No. 17875, FS-595). |
| Aviation surface orange | TT-P-59 ¹ (Color No. 12197, FS-595). |
| Aviation surface orange, enamel. | TT-E-489 ¹ (Color No. 12197, FS-595). |
| Aviation red obstruction light—color. | MIL-C-25050 ² . |
| Flashing beacons | CAA-446 ³ Code Beacons, 300 mm. |
| Do | MIL-6273 ² . |
| Double and single obstruction light. | L-810 ³ (FAA AC No. 150/5345-2 ⁴). |
| Do | MIL-L-7830 ² . |
| High intensity white obstruction light. | FAA/DOD L-856 (FAA AC No. 150/5345-43B ⁴). |
| 116-Watt lamp | No. 116 A21/TS (6,000 h). |
| 125-Watt lamp | No. 125 A21/TS (6,000 h). |
| 620-Watt lamp | No. 620 PS-40 (3,000 h). |
| 700-Watt lamp | No. 700 PS-40 (6,000 h). |

¹Copies of this specification can be obtained from the Specification Activity, Building 197, Room 301, Naval Weapons Plant, 1st and N Streets, SE., Washington, D.C. 20407.

²Copies of Military specifications can be obtained by contacting the Commanding Officer, Naval Publications and Forms Center, 5801 Tabor Ave., Attention: NPPC-105, Philadelphia, Pa. 19120.

³Copies of Federal Aviation Administration specifications may be obtained from the Chief, Configuration Control Branch, AAF-110, Department of Transportation, Federal Aviation Administration, 800 Independence Avenue SW., Washington, D.C. 20591.

⁴Copies of Federal Aviation Administration advisory circulars may be obtained from the Department of Transportation, Publications Section, TAD-443.1, 400 7th St. SW., Washington, D.C. 20590.

[33 FR 11540, Aug. 14, 1968, as amended at 40 FR 30267, July 18, 1975]

§ 17.54 Rated lamp voltage.

To insure the necessary lumen output by obstruction lights, the rated voltage of incandescent lamps used shall correspond to be within 3 percent higher than the voltage across the lamp socket during the normal hours of operation.

[42 FR 54826, Oct. 11, 1977]