§ 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. Evaluation of the current paint status shall be made by using the FAA’s In-Service Aviation Orange Tolerance Chart. This chart is based upon the color requirements contained in the National Bureau of Standards Report NBSIR 75–683, Color Requirements for the Marking of Obstructions.

§ 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.

§ 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-819 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).

Copies 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.

§ 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.

§ 17.56 Maintenance of lighting equipment.

(a) Replacing or repairing of lights, automatic indicators or automatic control or alarm systems shall be accomplished as soon as practicable.

(b) The flash tubes in a high intensity obstruction lighting system shall be replaced whenever the peak effective daytime intensity falls below 200,000 candelas.

§ 17.57 Report of radio transmitting antenna construction, alteration, and/or removal.

The owner of an antenna structure for which an Antenna Structure Registration Number has been obtained must notify the Commission within 24 hours of completion of construction (FCC Form 854–R) and/or dismantlement (FCC Form 854). The owner must also immediately notify the Commission using FCC Form 854 upon any change in structure height or change in ownership information.