



U.S. Department
of Transportation
**Federal Aviation
Administration**

ADVISORY CIRCULAR

Subject: Obstruction Marking and
Lighting

Date: 11/29/95

AC No: 70/7460-1J

Initiated by: ATP-240

1. PURPOSE. This Advisory Circular (AC) describes the Federal Aviation Administration's (FAA) standards for marking and lighting structures to promote aviation safety.

2. CANCELLATION. AC 70/7460-1H, Obstruction Marking and Lighting, dated August 1991 is canceled by this revision.

Note-

. BACKGROUND. Since there is a typographical similarity between the alphanumeric characters "1" and "I," the "1" character has been skipped and the letter "J" has been used for this edition of the advisory circular.

3. EFFECTIVE DATE. This advisory circular becomes effective January 1, 1996.

4. RELATED DOCUMENTS.

a. Federal Aviation Regulations Part 77 describes the standards used relative to objects in the navigable airspace and specifies the requirements for notice to the Administrator of certain proposed construction or alteration.

b. Federal Communications Commission (FCC) specifications contained in Part 17 of the FCC Rules and Regulations.

5. HIGHLIGHTS. This circular contains numerous editorial changes. Major changes are indicated below.

a. Paragraph 5, Modifications and Deviations, states sponsor's responsibility to adhere to recommended chapters

of AC. Paragraph added concerning voluntary marking and/or lighting. "Paragraph added advising proponents to become familiar with various lighting systems."

b. Paragraph 6, FCC Approval, adds notification requirement to National Oceanic and Atmospheric Administration (NOAA) of modifications/deviations to marking and/or lighting.

c. Paragraph 33, Patterns, adds requirement to paint conduit and cable wires.

d. Paragraph 36, Catenary Lighting, deleted.

e. Paragraph 43, Catenary Lighting, added.

f. Paragraph 51, Standards, adds requirement for lights to flash simultaneously.

g. Paragraph 53b(2)(b), Poles, Towers, and Similar Skeletal Structures, revised.

h. Paragraph 105, Catenary Lighting, added.

i. Paragraph 115, Catenary Lighting, added.

j. Paragraph 132, Availability of Specifications, changes General Service Administration's address and telephone number.

k. Appendix 1, Figure 1 (Types of Red Obstruction Lights) and Figure 2 (Types of High and Medium Intensity White Obstruction Lights), deleted. These figures are replaced with a listing of types of obstruction lights.



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