



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

Advisory Circular

Subject: OBSTRUCTION MARKING
AND LIGHTING

Date: 10/22/85
Initiated by: ATO-210

AC No: 70/7460-1G
Change:

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1. PURPOSE. This Advisory Circular (AC) describes the Federal Aviation Administration's (FAA) standards for marking and lighting of obstructions as identified by Federal Aviation Regulations (FAR) Part 77.
 2. CANCELLATION. AC 70/7460-1F, Obstruction Marking and Lighting, dated September 27, 1978 is canceled by this revision.
 3. PRINCIPLE CHANGES. This circular has been amended to include:
 - a. Provisions for marking and lighting wind turbine generators.
 - b. Reduction of nighttime intensity standard and clarification of recommendations on high intensity white obstruction lighting.
 - c. Deletion of detailed descriptions of specific obstruction lights.
 - d. Increase in visibility range of markers.
 - e. Changes in spherical marker size, spacing and color.
 - f. Modification of lower level lighting standard.
 - g. Addition of a new standard for medium intensity (L-866) white lights.
 - h. Increase in the distance allowed between the top obstruction light and the top of a structure.
 - i. Clarification and increase of standard to top level of lights for supporting structures for catenary wires, chimneys and similar solid structures.
 - j. Increase in distance between two adjacent structures before lighting is recommended.
 - k. Editorial changes.
 - l. Revised charts in Appendix.
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