



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

# Advisory Circular

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**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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