

AC NO: 70/7460-1C

DATE: 12/11/73



# ADVISORY CIRCULAR

## DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

**SUBJECT:** OBSTRUCTION MARKING AND LIGHTING

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1. PURPOSE. This circular describes the Federal Aviation Administration standards for obstruction marking and lighting.
2. CANCELLATION. This circular cancels and supersedes Advisory Circular 70/7460-1B dated October 1, 1972.
3. EXPLANATION OF REVISIONS. Describes existing standards in a simplified format. Establishes new standards for lighting all types of structures with high intensity white obstruction lights. The recommendation for day marking is deleted when this type of light is displayed. Provides for back lighting the support structures of catenaries and thereby deletes the requirement for day marking this side. Sets standards for determining width of alternately painted bands on structures exceeding 700 feet (210m) above site level. Describes marking and lighting standards for moored balloons and kites.

The United States customary units of measurement are gradually being replaced by the metric system. Recognizing this trend, we consider it important to prepare for broader use of the metric system. Therefore, for information purposes, metric units have been included in parenthesis next to the English units throughout the text. The metric values are based upon the International Civil Aviation Organization's standard English/metric equivalents rounded off (30 meters equals 100 feet) and, therefore, do not represent exact conversions of the English values. The English values should be used in applying the standards contained in this advisory circular. This does not involve any change in standard dimensions, tolerances or performance specifications.

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Initiated by: AAT-240