

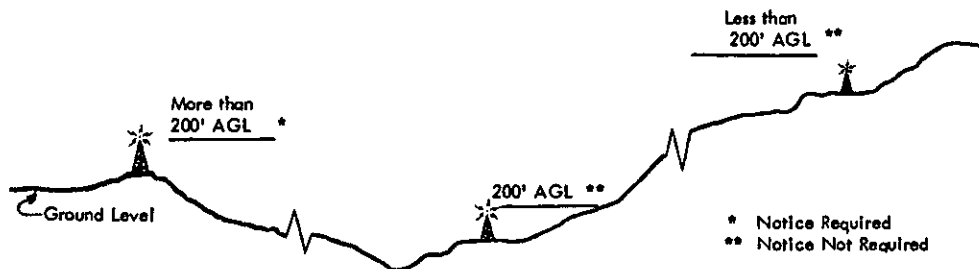


# ADVISORY CIRCULAR

## DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

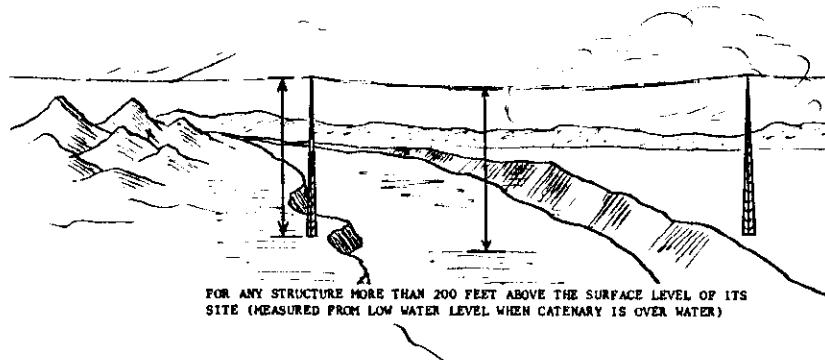
**SUBJECT:** PROPOSED CONSTRUCTION OR ALTERATION OF OBJECTS THAT MAY AFFECT THE NAVIGABLE AIRSPACE

1. **PURPOSE.** The purpose of this advisory circular is to advise those persons proposing to erect or alter an object that may affect the navigable airspace of the requirement to submit a notice to the Administrator of the Federal Aviation Administration (FAA). This cancels AC 70/7460-2A.
2. **KIND OF OBJECTS.** The notice requirement criteria apply to the proposed construction or alteration of any structure (building, tower, roadway, overhead wires and their supporting structures, etc.), including any construction equipment employed. These criteria apply to the height of overhead communications and electric transmission lines above the terrain, or water if so situated, as well as the height of their supporting structures.
3. **WHO MUST FILE A NOTICE.** A construction sponsor is required by regulation<sup>1/</sup> to submit notice to the Administrator of the Federal Aviation Administration if his proposed construction or alteration exceeds one or more of the following conditions:
  - a. **Greater Than 200 Feet in Height.** If the proposed object would be more than 200 feet above ground level (AGL) at its location.



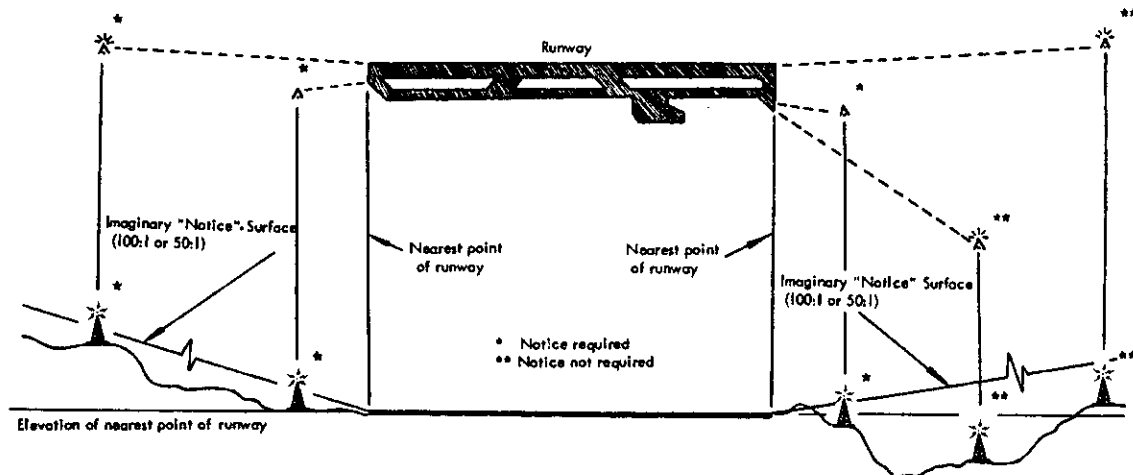
NOTE: 1 - Persons failing to comply with the provisions of the Federal Aviation Regulations, Part 77, may be liable to a fine of up to five hundred dollars (\$500.00) as provided for by Section 902(a) of the Federal Aviation Act of 1958, as amended.

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b. 2/ Near an Airport.

- (1) If the proposed object would be within 20,000 feet of an airport with at least one runway more than 3,200 feet in length; and would exceed one foot in height for each 100 feet (100:1) horizontally from the nearest point of the nearest runway.

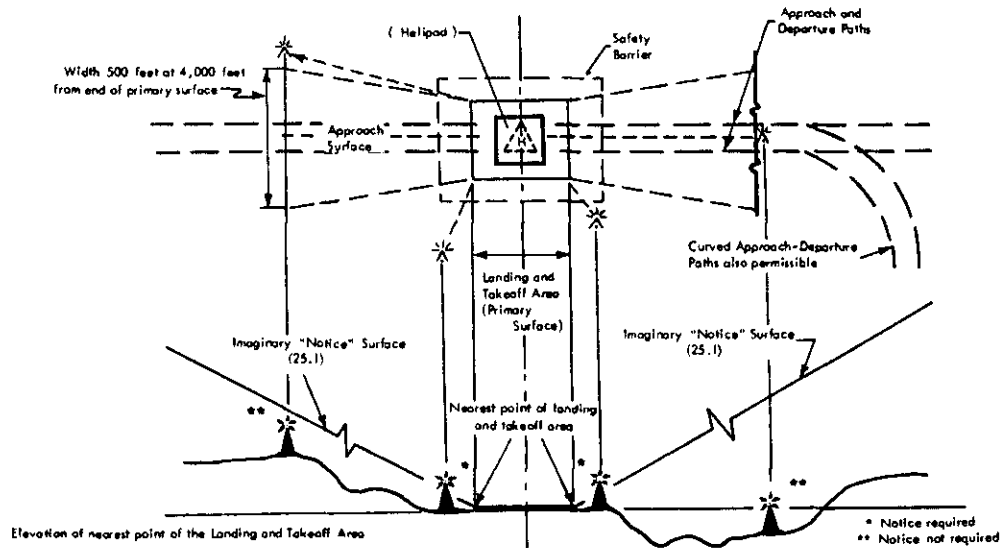


- (2) If the proposed object would be within 10,000 feet of an airport 2/ having no runway more than 3,200 feet in length; and would exceed one foot in height for each 50 feet (50:1) horizontally from the nearest point of the nearest runway. (See diagram under item 3b(1))

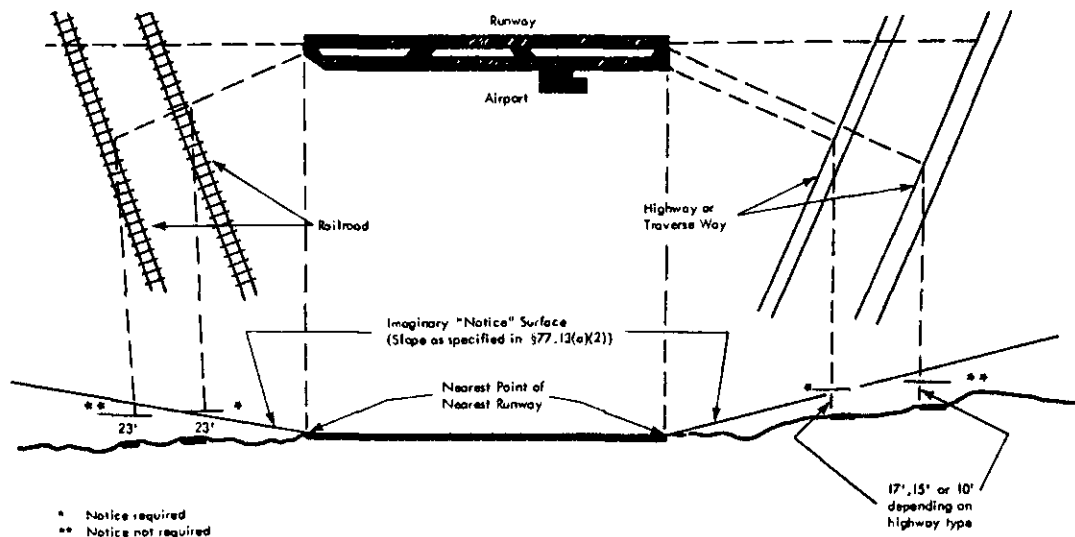
c. Near a Seaplane Base. 2/ If the proposed object would be near a seaplane base, apply item b(1) or (2) above as applicable.

NOTE: 2 - To qualify, an airport, or visually marked seaplane base, must be listed in the "Airport Directory" of the current Airman's Information Manual or in either the Alaska or Pacific Airman's Guide and Chart Supplement or operated by a Federal military agency.

- d. Near a Heliport. If the proposed object would be within 5,000 feet of a heliport listed in the "Airport Directory" or operated by a Federal military agency; and would exceed one foot in height for each 25 feet (25:1), horizontally from the nearest landing and takeoff area of that heliport.



- e. Highways and Railroads. If the proposed object is a traverse way which would exceed at least one of the standards listed in items a - d above, after its height is adjusted upward 17 feet for an Interstate Highway, 15 feet for any other public roadway, 10 feet (or the height of the highest mobile objects that would normally traverse the road) for a private road, 23 feet for a railroad, or an amount equal to the height of the highest mobile objects that would traverse a waterway or any other thoroughfare not previously mentioned.

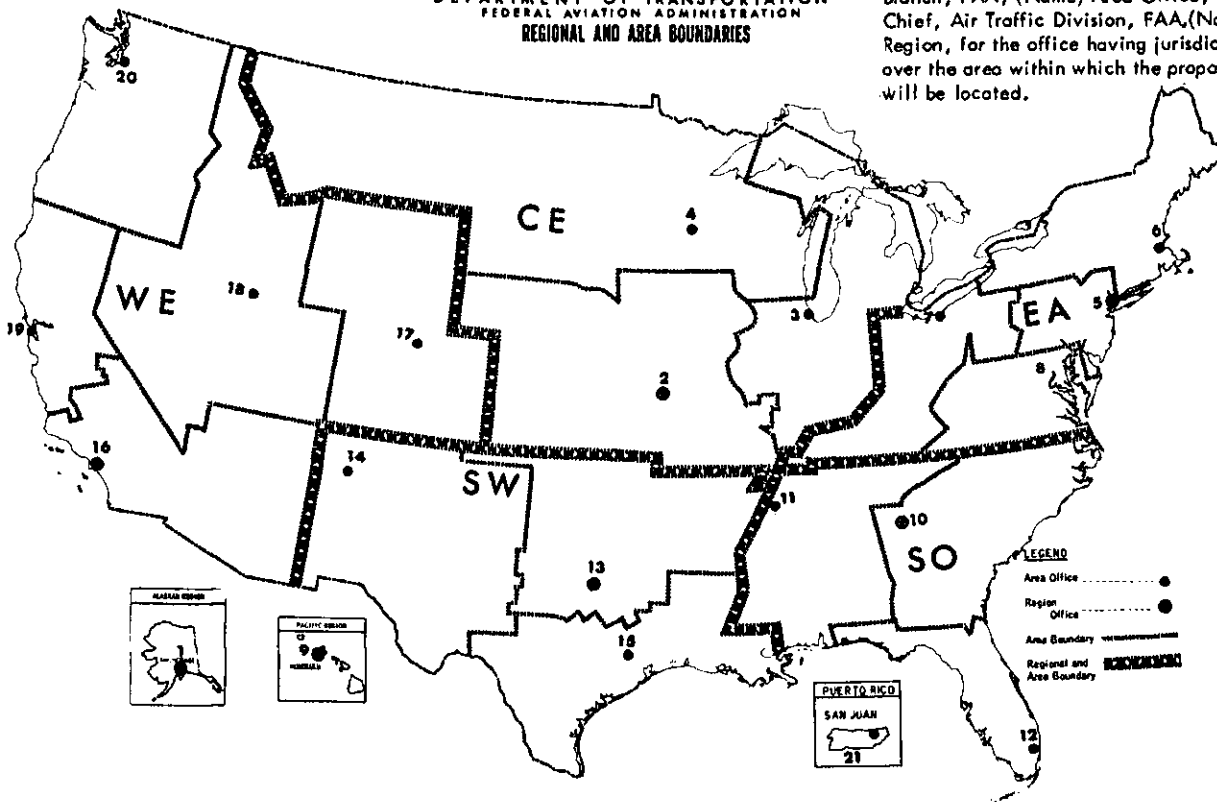


- f. Object on an Airport. If the proposed construction or alteration would be on an airport.
  - g. When Requested by FAA. The FAA may request a notice if available information indicates the proposal may exceed a standard.
4. WHEN TO FILE A NOTICE. The notice required under item 3a through g above must be submitted:
- a. At least 30 days before:
    - (1) the construction or alteration is to begin; or,
    - (2) the application for a construction permit is to be filed.
  - b. On or before the date the application for construction is filed with the Federal Communications Commission (FCC), if the proposed structure would be subject to FCC licensing requirements.
  - c. Immediately by telephone or other expeditious means, with written notification submitted within 5 days thereafter, if immediate construction or alteration is required as in cases involving public services, health or safety.
  - d. As early as possible, and preferably in the planning stage, for construction or alteration on an airport or near an air navigational facility if the proposal could possibly have an adverse effect on air traffic control operations or an air navigation facility. This includes the effect of the physical presence of structures upon the line-of-sight capability of airport air traffic control towers and the operation of air traffic control radar, as well as the interference effect of electrical signals transmitted by some structures upon ground-based or airborne air navigation equipment.
5. WHY A NOTICE IS REQUIRED. Notice of proposed construction or alteration is required so that the FAA may:
- a. Issue notices to airmen (NOTAMS).
  - b. Depict obstructions on aeronautical charts.
  - c. Recommend appropriate marking and lighting.
  - d. Be made aware of potential aeronautical hazards in order to attempt to prevent or minimize them.
  - e. Insure judicious use of airspace.
  - f. Protect the lives and property of persons in the air and on the ground.

6. HOW TO NOTIFY FAA. Notification to the FAA may be made by forwarding one form set of FAA Form 7460-1, "Notice of Proposed Construction or Alteration," to the Chief, Air Traffic Branch, FAA Area Office, or Chief, Air Traffic Division, for the regions having jurisdiction over the area within which the construction or alteration will be located.
7. WHERE TO FILE A NOTICE. The geographic area of jurisdiction for each FAA area and regional office is indicated below:

**FOR BEST SERVICE:** Mail 1 completed FAA Form 7460-1 to the Chief, Air Traffic Branch, FAA, (Name) Area Office, or Chief, Air Traffic Division, FAA, (Name) Region, for the office having jurisdiction over the area within which the proposal will be located.

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
REGIONAL AND AREA BOUNDARIES



ADDRESSES OF THE REGIONAL AND AREA OFFICES

**CE--CENTRAL REGION**

2 **Central Regional Office**  
501 E. 12th Street  
Kansas City, Mo. 64106  
816-374-3246

3 **Chicago Area Office**  
3765 Des Plaines Avenue  
Des Plaines, Ill. 60018  
312-796-1161

4 **Minneapolis Area Office**  
2301 34th Avenue South  
Wald-Chamberlain Airport  
Minneapolis, Minn. 55450  
612-723-3352

**EA - EASTERN REGION**

5 **Eastern Regional Office**  
JFK International Airport  
New York, N.Y. 11430  
212-993-3333

6 **Boston Area Office**  
134 Middlesex Street  
Burlington, Mass. 01802  
617-272-2350

7 **Cleveland Area Office**  
21010 Center Ridge Road  
Westview Building  
Rocky River, Ohio 44116  
216-333-6439

8 **Washington Area Office**  
900 South Washington St.  
Falls Church, Va. 22046  
703-532-1200

**SO - SOUTHERN REGION**

10 **Southern Regional Office**  
3420 Whipple Street  
East Point, Georgia 30044  
Mail Address:  
P.O. Box 20636  
Atlanta, Georgia 30320  
404-526-7541

11 **Memphis Area Office**  
3420 Belmont Road  
Memphis, Tennessee 38119  
901-534-4201

12 **Miami Area Office**  
FAA/Weather Bureau Bldg.  
International Airport  
Mail Address:  
P.O. Box 2014, AMF Branch  
Miami, Florida 33159  
305-634-5481

**AL - ALASKAN REGION**

1 **Alaskan Regional Office**  
632 Sixth Avenue  
Anchorage, Alaska 99501  
907-372-5561 EXT. 674

**SW - SOUTHWEST REGION**

13 **Southwest Regional Office**  
2208 Blue Hound Road  
Mail Address:  
P.O. Box 1689  
Fort Worth, Texas 76101  
817-624-4911

14 **Albuquerque Area Office**  
3301 Central Avenue  
Mail Address:  
P.O. Box 8502  
Albuquerque, N.M. 87108  
505-265-8091

**WE - WESTERN REGION**

16 **Western Regional Office**  
5651 West Manchester Blvd.  
Mail Address:  
P.O. Box 92007  
Workway Postal Center  
Los Angeles, Calif. 90009  
213-670-7020 EXT. 548

17 **Denver Area Office**  
10233 E. 29th Avenue  
Aurora, Colorado 80010  
303-297-3644

**PC - PACIFIC REGION**

18 **Salt Lake City Area Office**  
2378 West North Temple  
Salt Lake City, Utah 84116  
801-524-4201

19 **San Francisco Area Office**  
837 Mission Road  
Burlingame, Calif. 94010  
415-692-2441

20 **Seattle Area Office**  
FAA Building, Boeing Field  
Seattle, Washington 98108  
206-762-4100

9 **Pacific Regional Office**  
1833 Kalia Avenue  
Mail Address:  
P.O. Box 4009  
Honolulu, Hawaii 96812  
808-538-489

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8. ASSISTANCE.

- a. Specialists. Airspace specialists are available in the FAA area and regional offices to provide technical assistance, if required.
- b. Maps. Topographical Map Series, 7.5 minute, Quadrangle maps (Scale 1:24,000), showing the shape and elevation of the terrain and selected man-made and natural features of the earth's surface plotted to a definite scale, and geographic coordinates are available for most sections of the country from U. S. Geological Survey, Map Distribution Section, 1200 Eads Street, Arlington, Virginia 22202. A check or money order in the amount of 50 cents for each map should accompany the order.
- c. Geographic Coordinates and Mean Sea Level Elevations. This information is generally obtainable from the above maps; local zoning boards and surveyors may also be able to provide this information.
- d. FAA Form 7460-1. These forms may be obtained free of charge from FAA regional and area offices.
- e. Volume XI, Federal Aviation Regulations (FAR). Part 77, "Objects Affecting Navigable Airspace," is now included in Volume XI. This Federal regulation contains the standards for determining obstructions in navigable airspace and prescribes the requirements for notice to the FAA. The purchase of an FAR volume will establish your subscription service with the Superintendent of Documents for automatic receipt of changes to the volume as issued by the FAA.
- f. Marking and Lighting Advisory Circular AC 70/7460-1. This circular explains and describes the approved standards, procedures, and equipment for marking and lighting obstructions.
- g. How to Obtain Copies of Volume XI, FAR, and AC 70/7460-1.

(1) Order copies of these publications from:

The Superintendent of Documents  
U. S. Government Printing Office  
Washington, D. C. 20402

(2) Identify each publication you order by its full title:

- (a) Volume XI, Federal Aviation Regulations
- (b) AC 70/7460-1, Obstruction Marking and Lighting

- (3) Payment. Send a check or money order, made payable to the Superintendent of Documents, in the amount of \$2.75 (Volume XI), and 60 cents (AC 70/7460-1) for each copy ordered. No c.o.d. orders are accepted.

9. HOW TO OBTAIN ADDITIONAL COPIES OF THIS ADVISORY CIRCULAR.

- a. Order copies of this publication from:

Department of Transportation  
Distribution Unit  
TAD 484.3  
Washington, D. C. 20590

- b. Identify the publication you order as:

Advisory Circular 70/7460-2B  
Proposed Construction or Alteration that May Affect the Navigable  
Airspace  
Dated: 4 November 1970

- c. Payment.

There is no charge for this publication.

  
Director, Air Traffic Service

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
Washington, D.C. 20590

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