

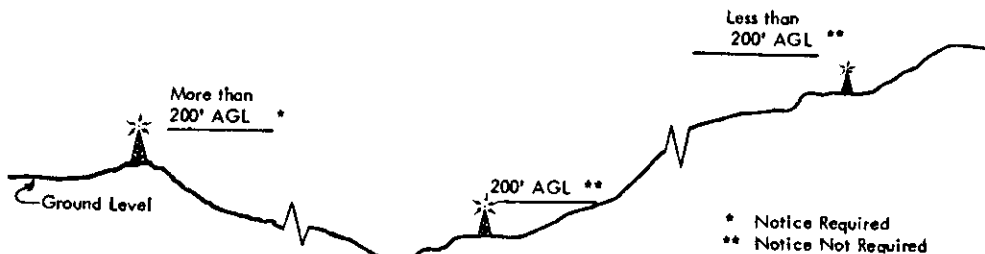


# ADVISORY CIRCULAR

## DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

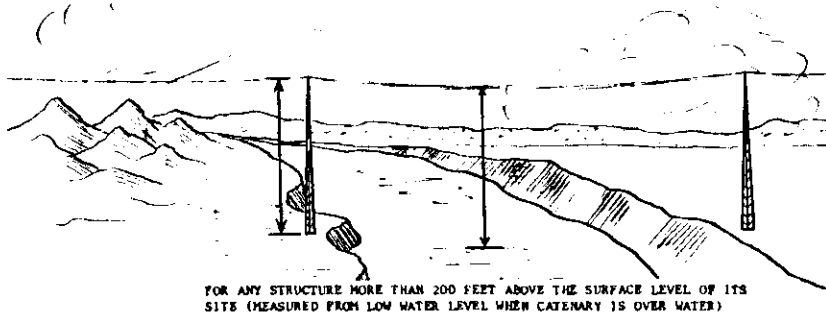
**SUBJECT:** PROPOSED CONSTRUCTION OR ALTERATION OF OBJECTS THAT MAY AFFECT THE NAVIGABLE AIRSPACE

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 70/7460-2.
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.

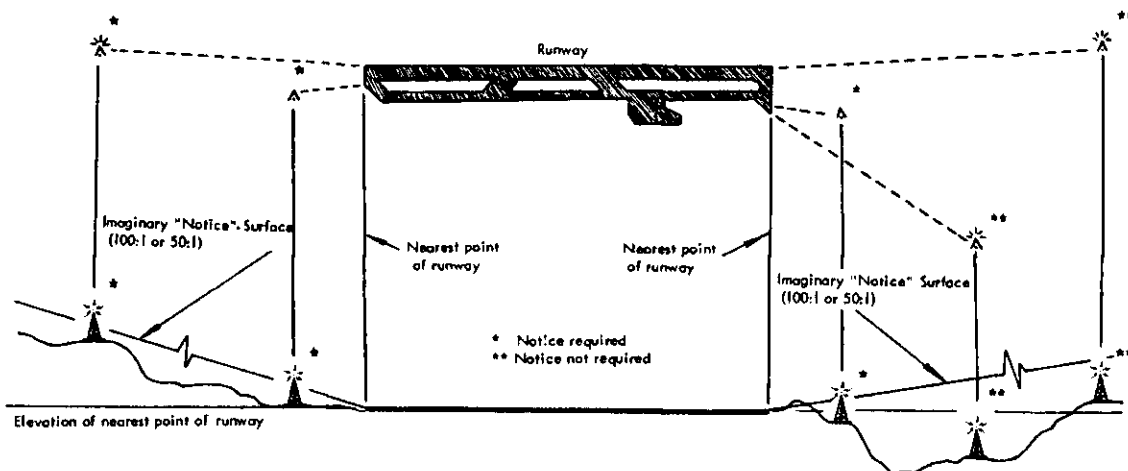
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1 (b) 200  
 FOR ANY STRUCTURE MORE THAN 200 FEET ABOVE THE SURFACE LEVEL OF ITS SITE (MEASURED FROM LOW WATER LEVEL WHEN CATENARY IS OVER WATER)

2/  
 b. 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.

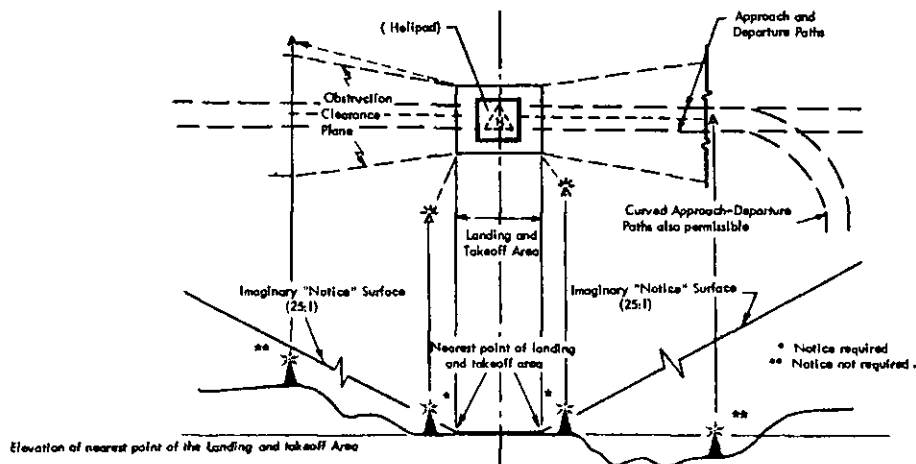


- (2) If the proposed object would be within 10,000 feet of an airport<sup>2/</sup> having no runway more than 3,200 feet in length; and would exceed one foot in height for each 50 feet (50:1) horizontally from the nearest point of the nearest runway. (See diagram under item 3b(1))

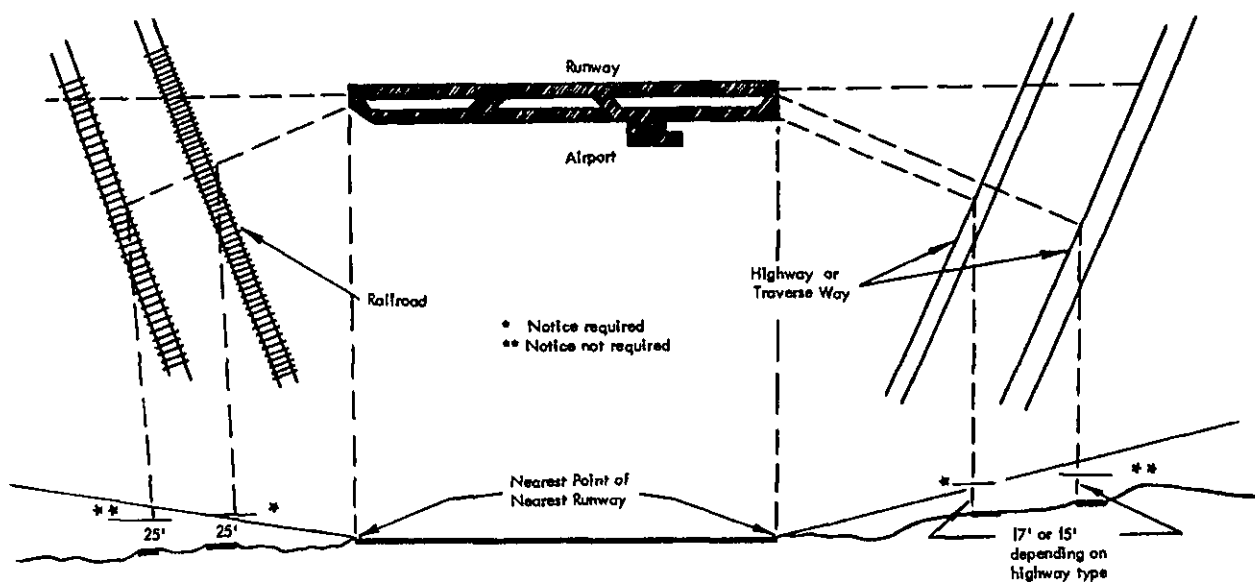
c. Near a Seaplane Base.<sup>2/</sup> If the proposed object would be near a seaplane base, apply item b(1) or (2) above as applicable.

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.

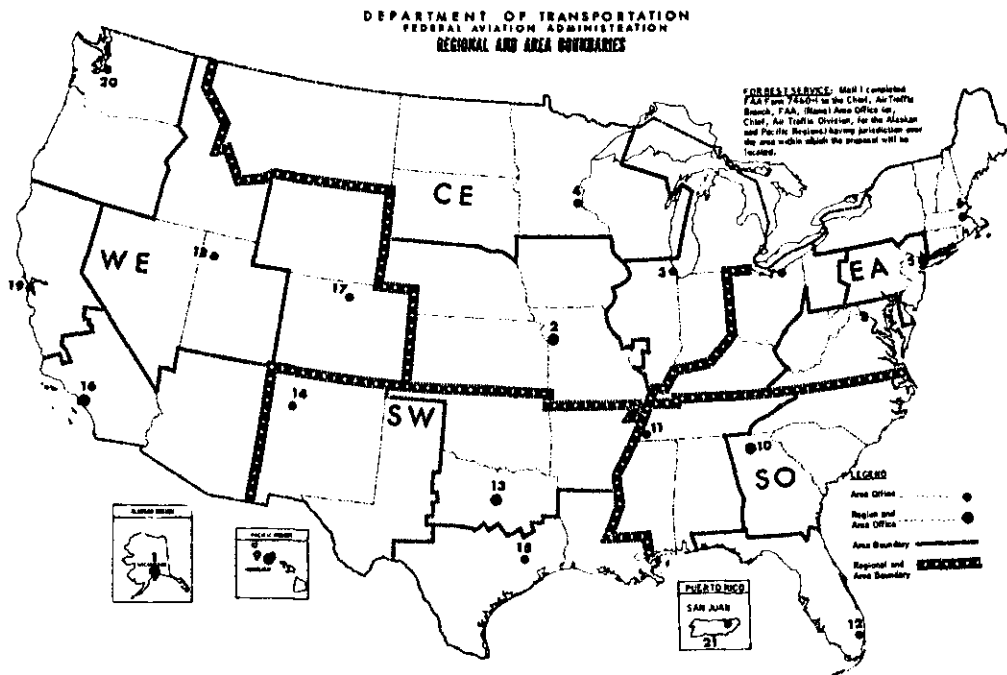


- e. Highways and Railroads. If the proposed object is a traverse way which would exceed at least one of the standards listed in items a - d above, after its height is adjusted upward 17 feet for an interstate highway, 15 feet for other highways, 25 feet for a railroad, or an amount equal to the height of the highest unshielded mobile objects that would traverse any other thoroughfare.



- 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 Alaskan and Pacific Region) 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 Office is indicated below:



**ADDRESSES OF THE REGIONAL AND AREA OFFICES**

<b>AL - ALASKAN REGION</b>		<b>EA - EASTERN REGION</b>		<b>SO - SOUTHERN REGION</b>		<b>SW - SOUTHWEST REGION</b>		<b>WE - WESTERN REGION</b>	
1	Alaskan Regional Office 632 Sixth Avenue Anchorage, Alaska 99501 907-272-5561 EXT. 674	5	Eastern Regional Office JFK International Airport New York, New York 11430 212-995-3333	10	Southern Regional Office P. O. Box 20636 Atlanta, Georgia 30320 404-526-7541	13	Southwest Regional Office P. O. Box 1689 Fort Worth, Texas 76101 817-624-4911	16	Western Regional Office P. O. Box 92007 Los Angeles, Calif. 90009 213-670-7030
<b>CE - CENTRAL REGION</b>		6	Boston Area Office 154 Middlesex Street Burlington, Mass. 01803 617-272-2350	10	Atlanta Area Office P. O. Box 20636 Atlanta, Georgia 30320 404-526-7283	14	Albuquerque Area Office 5301 Central Avenue P. O. Box 8502 Albuquerque, N.M. 87108 505-265-8091	17	Denver Area Office 10255 E. 20th Avenue Aurora, Colorado 80010 303-297-3646
2	Central Regional Office 601 E. 12th Street Kansas City, Mo. 64106 816-374-3246	7	Cleveland Area Office 21010 Center Ridge Road Westview Building Rocky River, Ohio 44116 216-333-6439	11	Memphis Area Office P. O. Box 18097 Memphis, Tennessee 38118 901-534-4201	15	Houston Area Office P. O. Box 60470 Houston, Texas 77060 713-643-0661	18	Los Angeles Area Office 5885 Imperial Highway Los Angeles, Calif. 90045 213-670-7030
3	Chicago Area Office 3166 Des Plaines Avenue Des Plaines, Ill. 60018 312-296-1161	8	New York Area Office 181 South Franklin Avenue Valley Stream, New York 11581 212-995-3333	12	Miami Area Office P. O. Box 2014, AMF Branch Miami, Florida 33159 305-634-5481	13	Fort Worth Area Office 819 Taylor Street Fort Worth, Texas 76102 817-334-3501	19	Salt Lake City Area Office 2398 West North Temple Salt Lake City, Utah 84116 801-524-4201
4	Kansas City Area Office 4747 Troost Avenue Kansas City, Mo. 64110 816-374-3706	9	Washington Area Office 900 South Washington St. Falls Church, Va. 22046 703-557-1390	21	San Juan Area Office RFD 1, Box 29A Loiza Street Station San Juan, Puerto Rico 791-2310	<b>PC - PACIFIC REGION</b>		20	Seattle Area Office FAA Building, Boeing Field Seattle, Washington 98108 206-762-4100
5	Minneapolis Area Office 6301 34th Avenue South Wold-Chamberlain Airport Minneapolis, Minn. 55450 612-725-3352					9	Pacific Regional Office P. O. Box 4009 Honolulu, Hawaii 96812 808-588-489		

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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 the U. S. Geological Survey, Washington, D. C. 20242. 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. Federal Aviation Regulations (FAR), Part 77, "Objects Affecting Navigable Airspace." This Federal regulation contains the standards for determining obstructions in navigable airspace and prescribes the requirements for notice to 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 Part 77, 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) Part 77, FAR.  
Objects Affecting Navigable Airspace

- (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 35 cents (Part 77), 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:

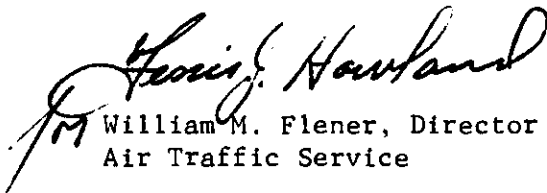
Federal Aviation Administration  
TAD 484.3  
800 Independence Avenue, S.W.  
Washington, D. C. 20590

b. Identify the publication you order as:

Advisory Circular 70/7460-2A  
Proposed Construction or Alteration that May Affect the Navigable  
Airspace  
Dated: July 2, 1969

c. Payment.

There is no charge for this publication.

  
William M. Flener, Director  
Air Traffic Service

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

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