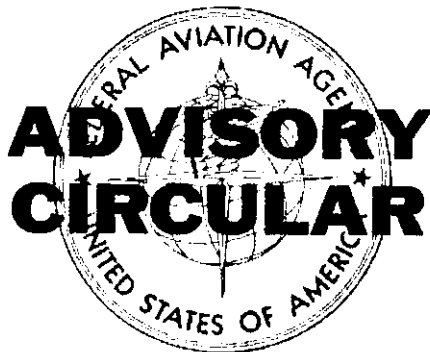


Repl. by - 2A

# Federal Aviation Agency



AC NO: 70/7460- 2

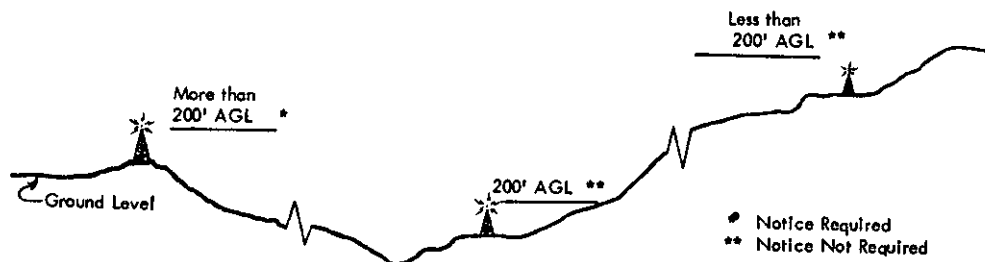
AIRSPACE

EFFECTIVE :

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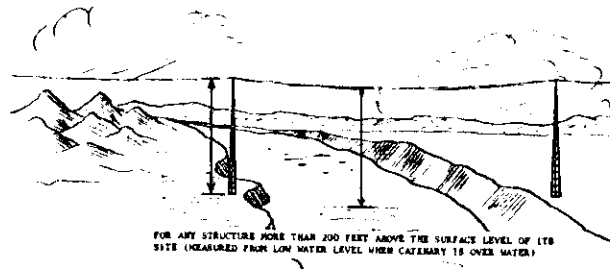
**SUBJECT :** PROPOSED CONSTRUCTION OR ALTERATION OF OBJECTS THAT MAY AFFECT THE NAVIGABLE AIRSPACE

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).
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 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.



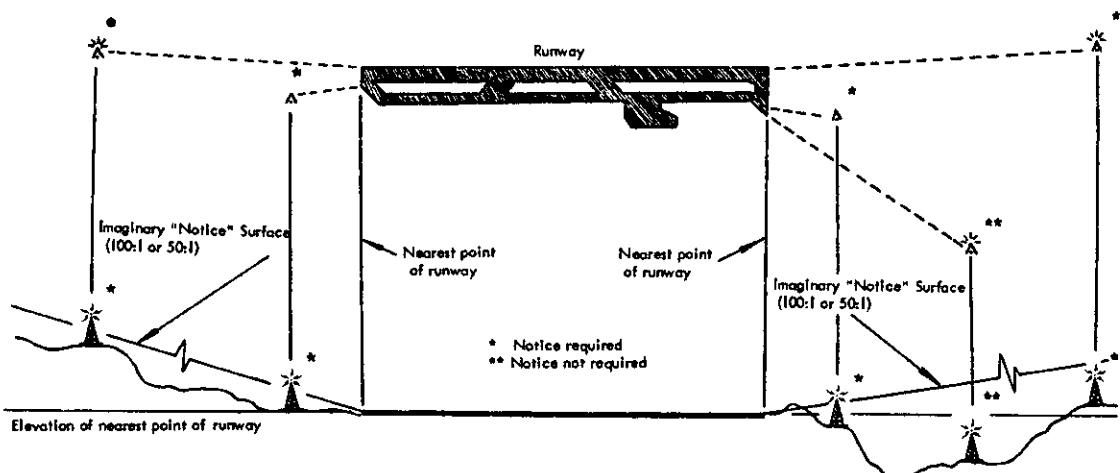
NOTE: 1 - Persons failing to comply with the provisions of the Federal Aviation Regulations, Part 77, may be liable to a fine of up to five hundred dollars (\$500.00) as provided for by Section 902(a) of the Federal Aviation Act of 1958, as amended.

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b. Near an Airport.<sup>2/</sup>

- (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.



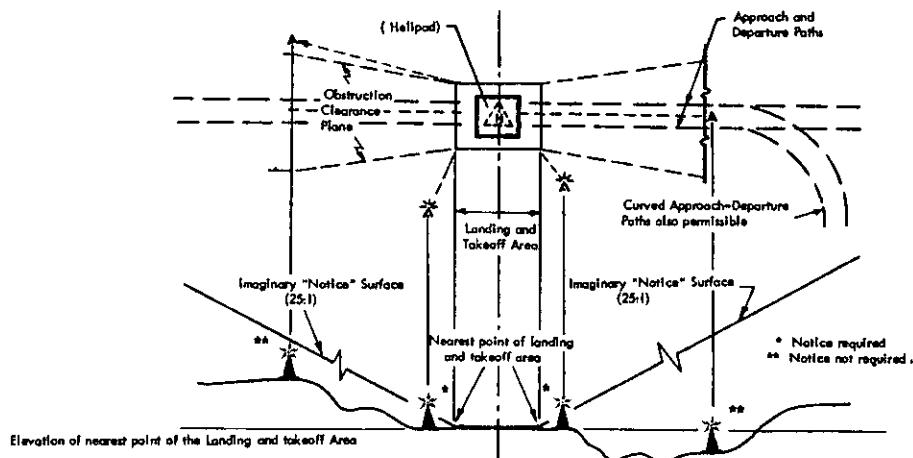
- (2) If the proposed object would be within 10,000 feet of an airport<sup>2/</sup> having no runway more than 3,200 feet in length; and would exceed one foot in height for each 50 feet (50:1) horizontally from the nearest point of the nearest runway. (See diagram under item 3b(1))

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.

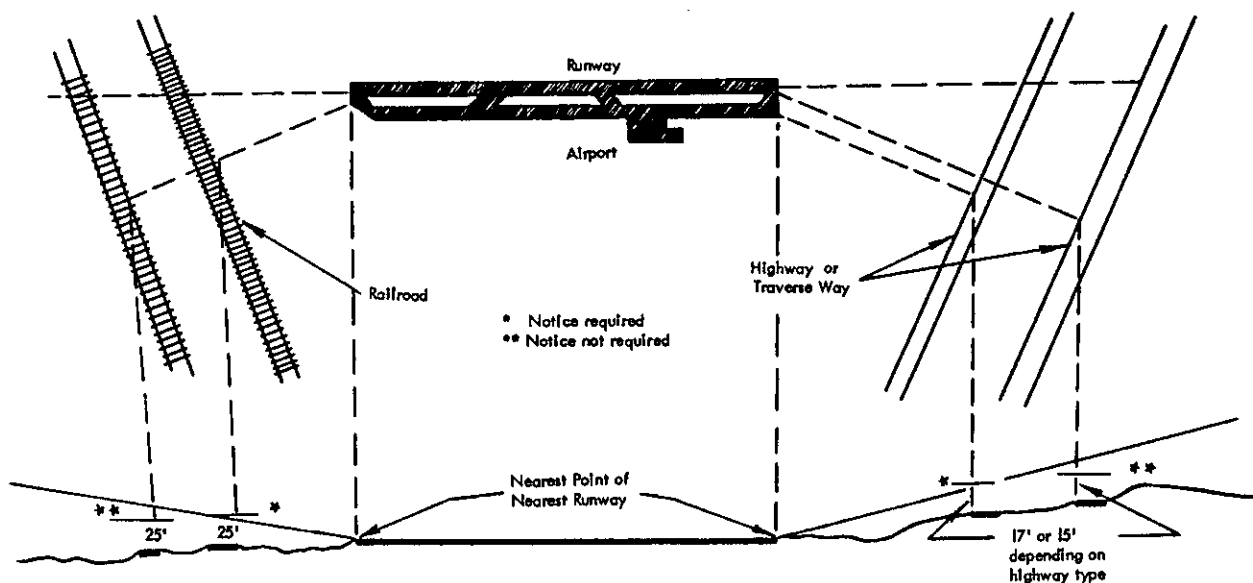
NOTE: 2 - To qualify, an airport, or visually marked seaplane base, must be listed in the "Airport Directory" of the current Airman's Information Manual or in either the Alaska or Pacific Airman's Guide and Chart Supplement or operated by a Federal military agency.

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- 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.



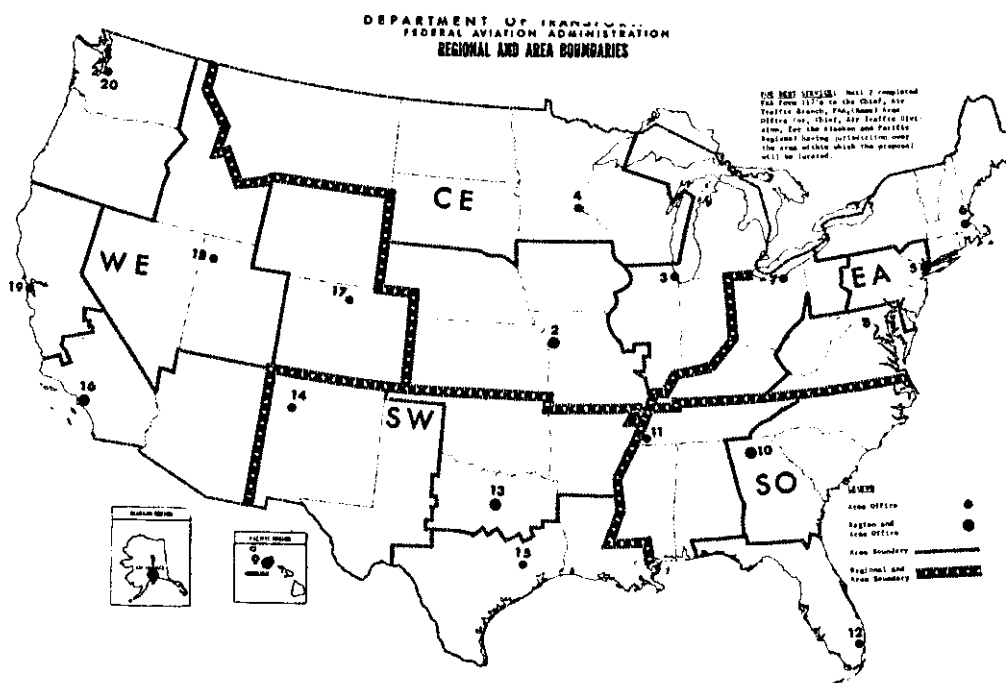
- e. Highways and Railroads. If the proposed object is a traverse way which would exceed at least one of the standards listed in items a - d above, after its height is adjusted upward 17 feet for an interstate highway, 15 feet for other highways, 25 feet for a railroad, or an amount equal to the height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

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6. HOW TO NOTIFY FAA. Notification to the FAA may be made by forwarding two completed copies of FAA Form 117, "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

- |   |   |   |   |  |
|---|---|---|---|--|
| <p><b>AL - ALASKAN REGION</b></p> <p>1 Alaskan Regional Office<br/>632 Sixth Avenue<br/>Anchorage, Alaska 99501<br/>907-272-5561</p> <p><b>CE - CENTRAL REGION</b></p> <p>2 Central Regional Office<br/>601 E. 12th Street<br/>Kansas City, Mo., 64106<br/>816-374-3246</p> <p>3 Chicago Area Office<br/>3166 Des Plaines Avenue<br/>Des Plaines, Ill., 60018<br/>312-296-1161</p> <p>2 Kansas City Area Office<br/>4747 Troost Avenue<br/>Kansas City, Mo., 64110<br/>816-374-3706</p> <p>4 Minneapolis Area Office<br/>6301 34th Avenue South<br/>Wald-Chamberlain Airport<br/>Minneapolis, Minn., 55450<br/>612-334-3367</p> | <p><b>EA - EASTERN REGION</b></p> <p>5 Eastern Regional Office<br/>JFK International Airport<br/>New York, N.Y., 11430<br/>212-995-3333</p> <p>6 Boston Area Office<br/>Building 3<br/>Northwest Industrial Park<br/>Burlington, Mass., 01804<br/>617-272-2350</p> <p>7 Cleveland Area Office<br/>21010 Center Ridge Road<br/>Westview Building<br/>Rocky River, Ohio 44116<br/>216-333-6439</p> <p>5 New York Area Office<br/>JFK International Airport<br/>Federal Building<br/>Jamaica, New York 11430<br/>212-995-3333</p> <p>8 Washington Area Office<br/>900 South Washington St.<br/>Falls Church, Va., 22046<br/>703-557-1390</p> | <p><b>PC - PACIFIC REGION</b></p> <p>9 Pacific Regional Office<br/>P.O. Box 4009<br/>Honolulu, Hawaii 96812<br/>588111</p> <p><b>SO - SOUTHERN REGION</b></p> <p>10 Southern Regional Office<br/>P.O. Box 20836<br/>Atlanta, Georgia 30320<br/>404-526-7541</p> <p>10 Atlanta Area Office<br/>P.O. Box 20635<br/>Atlanta, Georgia 30320<br/>404-526-7238</p> <p>11 Memphis Area Office<br/>P.O. Box 18097<br/>Memphis, Tennessee 38118<br/>901-534-4201</p> <p>12 Miami Area Office<br/>P.O. Box 2014, AMF Branch<br/>Miami, Florida 33159<br/>305-634-5481</p> | <p><b>SW - SOUTHWEST REGION</b></p> <p>13 Southwest Regional Office<br/>P.O. Box 1689<br/>Fort Worth, Texas 76101<br/>817-624-4911</p> <p>14 Albuquerque Area Office<br/>5301 Central Avenue<br/>P.O. Box 8502<br/>Albuquerque, N.M. 87108<br/>505-265-8030</p> <p>15 Houston Area Office<br/>P.O. Box 60470<br/>Houston, Texas 77060<br/>713-643-0661</p> <p>13 Fort Worth Area Office<br/>819 Taylor Street<br/>Fort Worth, Texas 76102<br/>817-334-3501</p> <p><b>WE - WESTERN REGION</b></p> <p>16 Western Regional Office<br/>5651 West Manchester Avenue<br/>P.O. Box 90007<br/>Los Angeles, Calif., 90009<br/>213-670-7030</p> | <p><b>WE - (CONT'D)</b></p> <p>17 Denver Area Office<br/>8055 East 32nd Avenue<br/>Stapleton Field<br/>Denver, Colorado 80207<br/>303-297-3646</p> <p>16 Los Angeles Area Office<br/>5885 Imperial Highway<br/>Los Angeles, Calif. 90045<br/>213-670-7704</p> <p>18 Salt Lake City Area Office<br/>2398 West North Temple<br/>Salt Lake City, Utah 84116<br/>801-524-4201</p> <p>19 San Francisco Area Office<br/>831 Witten Road<br/>Burlingame, Calif., 94010<br/>415-692-2441</p> <p>20 Seattle Area Office<br/>FAA Building<br/>Boeing Field<br/>Seattle, Washington, 98108<br/>206-762-4100</p> |
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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 national 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 117. 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 40 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:

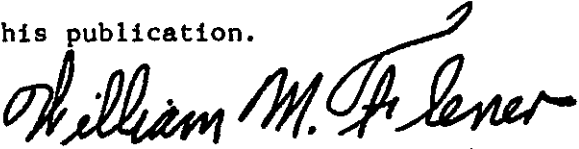
Federal Aviation Administration  
HQ-438  
800 Independence Avenue  
Washington, D.C. 20590

b. Identify the publication you order as:

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

c. Payment.

There is no charge for this publication.

  
William M. Flener, Acting Director  
Air Traffic Service