

STANDARD PROCEDURE

Aviation Authority

Subject: Antenna Installations

Number: S744.02

Effective: 10/10/82

Revised: 07/16/15

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PURPOSE: To establish a procedure concerning the applications, approval and installation of antenna satellite dishes or other communication devices on all Authority airports and property.

GENERAL: Maintenance will process requests for antenna installations through the Authority tenant work permit program.

PROCEDURES:

- A. All requests for installation approval must be presented on the standard tenant work permit application. Each permit application should list, under the scope of work section, type of system, transmitter/receiver location, antenna location, owner, call numbers, frequency and any other pertinent information available. This information will be used for the review and approval process and maintenance of records.
- B. All antenna installations will be in accordance with the following:
1. All cable/wire must be placed in concealed conduit or other approved raceways.
 2. Antennas must be supported by brackets attached to permanent masts, designed and installed for this purpose, or they must be attached to some permanent stanchion light poles extending from roofs of buildings. Exposed cables on the sides of poles must be secured a minimum of every three feet utilizing stainless steel bonding straps.
 3. All antenna masts, guys and roof penetration ducts must be grounded for lightning protection.
 4. All roof penetrations must be made by licensed and bonded roofing contractors.
 5. Generally, antennas shall not be supported by brackets attached to the side walls of buildings. Certain antenna mast attachments to the passenger loading bridges may be acceptable. Requests for these types of installation will be approved on a case-by-case basis.
 6. Certain weighted base type antenna installations may be acceptable. Details on the specific type of base to be used must be submitted for consideration.

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7. The antenna and related equipment must be for the sole purpose of enabling or enhancing communications for a specific airport tenant for their use in operations or maintenance. There can be no commercial use of the system without approval of the Authority.
8. The antenna must be in compliance with the Authority's height zoning regulations. Any proposed antenna that exceeds the height of the existing structure must obtain a height zoning permit from the Authority.
9. Any questions regarding antenna installation should be directed to the Tenant Work Permit Coordinator in Maintenance.
10. The proponent must have an approved FCC application for the proposed frequencies to be used.

APPROVED: Joe Lopano

DATE: 07/16/15