

AIRSPACE REVIEW AND FILING PROCEDURES FOR MDAD OWNED AIRPORTS

PURPOSE

Provides details for Miami-Dade Aviation Department (MDAD) and the Federal Aviation Administration (FAA) review process and filing procedures for construction projects in the Miami-Dade County owned airports.

GENERAL:

The Aviation Planning Division acting as the Aviation Department Sponsor manages the submittal process to the FAA for review and approval and issuance of airspace determinations for new construction projects such as buildings, hangars, structures, antennas, roadways and aprons located within the MDAD system of airports. In addition construction cranes require a separate submittal and review process.

The FAA has recently made changes to the submittal process and has switched to a “green process” using an electronic on-line submittal process; eliminating the need for paper copies of drawings as previously required.

In order to process the requests the following information is required:

Buildings and Structures:

- Brief Project Description. Description of all proposed construction or alteration. Including the type of construction and materials, site orientation and dimensions.
 - For transmitting stations (antennas), provide radiated power and assigned frequency. If not known, provide frequency band and maximum effective radiated power (ERP).
 - For proposals involving overhead wire, transmission lines, etc., provide size and configuration or wires and their supporting structures.
- Projected construction start and completion dates.
- The latitude and longitudes coordinates of the structure in State Plane North American Datum - NAD 83. Typically as in the case of a square building or a hangar, the four corners of the building must be provided.
- Site elevation in AMSL (Above Mean Sea Level) and NAVD 88 (National American Vertical Datum of 1988).
- Maximum elevation of the structure in AMSL (Above Mean Sea Level) and NAVD 88 (National American Vertical Datum of 1988). Typically, as in the case of a square building or a hangar with a gabled roof, the height of the highest roof ridge must be provided.
- The height of the tallest element on the roof, such as top of any elevator shafts, architectural features, lighting rods, flag poles, or other appurtenances.

- The AutoCAD drawings files of the site plan and floor plans are preferred. Please provide them in decimal units and **state plane**, Aviation Planning will use these drawings to locate them in our reference maps and create the proper exhibits.

Using information listed above, the Aviation Planning Division will analyze the proposal's impacts to:

- Airfield Safety Areas
- FAR PART 77 Surfaces.
- TERP Surfaces.
- Line-of-Sight (LOS) or shadow study, identifying any impacts to the air traffic control tower (ATCT).

And will prepare the necessary exhibits for submittal to the FAA.

Construction Equipment:

Construction equipment such as construction cranes, or excavators, must also be reviewed by the FAA, using the same process as outlined above. Although they are typically coordinated later in the process, when a contractor is selected and the type and height of the equipment is known.

If this information is available early in the process, such as in a design build project, the information can be submitted at the time of the building's submittal.

For construction equipment:

- Provide location, height, duration and any other information available at least 90 days prior to NTP.
- For crawler cranes or excavators that will be moving around the jobsite and are not fixed in a specific location. Provide an equipment operational area "box" on the project site throughout the job. Provide the latitude/longitude coordinates of the four corners of the "box" in State Plane North American Datum - NAD 83.

For projects impacting the Aircraft Operating Area (AOA) such as runways, aprons, taxiways, etc., the FAA requires the following information:

- Copies of all safety during construction, phasing, and MOT plans. Depicting the following:
 - Approximate limits of Site/Construction area.
 - Safety during Construction Plan in accordance with FAA AC 150/5370-2F.
 - Contractor's access paths.
 - Contractor's staging area.
 - All safety details
 - Safety notes from specifications

Review Time:

Once all of the required information is submitted to the Aviation Planning Division, please allow at least five working days to compile and prepare the necessary submittal to the FAA.

The FAA review process takes on the average between 60 to 90 days; therefore it is imperative that the information be submitted as soon as possible to avoid delays to the projects. For construction cranes allow 90 days before NTP.

Contact Information:

For questions please contact:

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