

## What You Need to Know About Tall Structures/Equipment On and Around the Airport

Flight procedures and airspace around airports are protected by what is known as "imaginary surfaces" that extend outward and upward from airport runways at varying angles or slopes. When proposed development, natural growth/formations or temporary objects penetrate these surfaces, the potential of compromising safety and utility is present. To that end, Kenton County Airport Board, The Kentucky Airport Zoning Commission (KAZC), and the Federal Aviation Administration (FAA) have established a process for all stakeholders (developers, crane operators, construction contractors, etc.) to acquire determinations and approval when a proposed object, permanent or temporary, will be erected on or near the airport.

To help assist in determining if your project requires an FAA determination and a KAZC approval, please complete the FAA [Notice Criteria Tool](#). Once information is submitted a response will be issued to advise if a 7460-1 is required to be filed. **NOTE: All structures permanent or temporary on Airport Property require 7460 determination and TC55-2 approval.**

### Results

You exceed the following Notice Criteria:

Your proposed structure exceeds an instrument approach area by 85 feet and aeronautical study is needed to determine if it will exceed a standard of subpart C of 14CFR Part 77. The FAA, in accordance with 77.9, requests that you file.

Your proposed structure is in proximity to a navigation facility and may impact the assurance of navigation signal reception. The FAA, in accordance with 77.9, requests that you file.

77.9(b) by 48 ft. The nearest airport is CVG, and the nearest runway is 18L/36R.

The FAA requests that you file

*Example Response from Notice Criteria Tool*

When Notice Criteria is exceeded, the following forms must be submitted

FAA – 7460-1 [Form FAA 7460-1 - NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION – Document Information](#)

KAZC – TC 55-2 [Kentucky Airport Zoning Commission](#)

Information provided on these forms will be evaluated to determine if the proposed construction or object impacts the imaginary surface and compromises safety. **An FAA Determination and a KAZC Approval and Permit must be received prior to commencing construction or alteration.**

## Additional Information

### Kentucky Airport Zoning Commission (KAZC)

Kentucky law requires that all structures built on or near an airport must be approved and permitted by the Kentucky Airport Zoning Commission. This includes, but is not limited to, buildings, antenna towers, water towers, above ground electrical power lines, runway and taxiway extensions, apron expansion, parking lots and construction cranes. ***Any construction or alteration to a structure requires that a form (TC 55-2) be submitted to the KAZC 90-days prior to the date the proposed construction or alteration is to begin.***

### Federal Aviation Administration (FAA)

Federal Aviation Regulation Part 77, Objects Affecting Navigable Airspace, establishes standards and notification requirements for objects affecting navigable airspace. Examples of objects that may affect navigable airspace include buildings, communication towers, antenna structures, temporary construction cranes, etc.

Notification allows the FAA to identify potential aeronautical hazards in advance, thus preventing or minimizing the adverse impacts to the safe and efficient use of navigable airspace. ***Notification is accomplished by completing and submitting an FAA Form 7460-1, Notice of Proposed Construction or Alteration 90-days prior to the date the proposed construction or alteration is to begin.***

### Kenton County Airport Board (KCAB)

Contact the KCAB Planning and Development group at [p&d@cvgairport.com](mailto:p&d@cvgairport.com) at the initiation of any planning for construction on Airport Property. As with KAZC and FAA, KCAB should be notified a minimum of **90-days** prior to the proposed construction or alteration.

A [Concept Request Form](#) must be completed and submitted to KCAB prior to starting the design process. Additional instructions will be provided with the response to the Concept Request Form. If tall equipment, such as cranes, drill rigs, and/or lifts are anticipated, a **Crane Request Form** must be submitted to KCAB for review. In addition, provide KCAB with the Aeronautical Study Number (ASN), FAA Form 7460-1 determination, and KAZC approval as they are received. ***NOTE: All structures, permanent or temporary, on Airport Property require 7460 determination and TC55-2 approval.***