

## How do I know if I need a Tall Structures Permit?

Determining if you need a Tall Structures Permit requires a basic understanding of Lee County's airspace notification criteria and zoning ordinances. An Airport Obstruction Notification Zone is established around Southwest Florida International Airport (RSW) and Page Field (FMY) and consists of an imaginary surface extending outward and upward from any point of any RSW and FMY runway at a slope ratio of 125 to 1 (one foot vertically for every 125 feet horizontally). If any structure (permanent & temporary is expected to penetrate this notification surface, a Lee County Port Authority (LCPA) Tall Structures Permit will be required. In addition, any object or structure within one-half-mile of the RSW Airport Surveillance Radar will require a LCPA Tall Structures Permit. Please see example below to determine whether your project will require a Tall Structures Permit from the LCPA.

**NOTE: ALL OBJECTS THAT EXCEED 125 FEET ABOVE GROUND LEVEL WILL REQUIRE A TALL STRUCTURES PERMIT.**

See example below:

**IF:**

$$\frac{\text{Linear Distance}}{\text{Slope Ratio}} < (\text{Site Elevation} - \text{Runway Elevation}) + \text{Object Elevation AGL}$$

**THEN:**

A permit **IS** required

**EXAMPLE:**

A proposed building is planned to be constructed 3,500 (linear distance) feet southwest of RSW's Runway 06 and its tallest point will exist 45 feet above ground level (AGL). The runway elevation is 27 feet above mean sea level (AMSL) and the site elevation of the building is 16 feet AMSL.

**IF:**

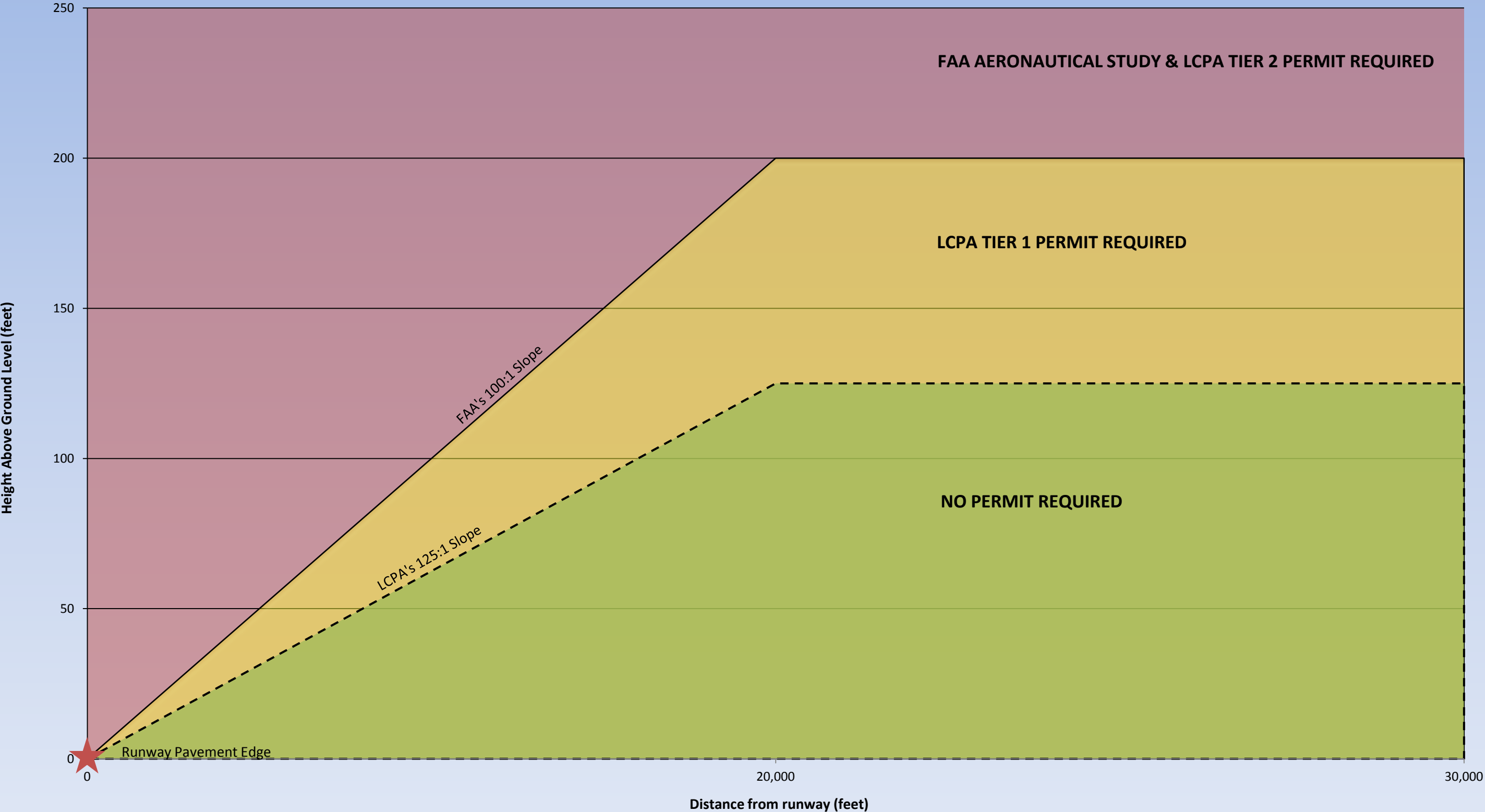
$$\begin{aligned} \frac{3500'}{125'} &< (16' - 27') + 45' \\ 28' &< -11' + 45' \\ 28' &< 34' \end{aligned}$$

**THEN:**

A permit **IS** required since the object will penetrate the 125:1 notification surface by 6 feet.

To get a better idea of whether or not your project may be required to file a Form 7460-1 with the FAA, use the example above, however; replace the slope ratio of "125" with "100". **NOTE: ALL OBJECTS THAT EXCEED 200 FEET ABOVE GROUND LEVEL WILL REQUIRE SUBMITTAL OF FORM 7460-1 WITH THE FAA.**

# Imaginary Notification Surfaces for Lee County and the Federal Aviation Administration

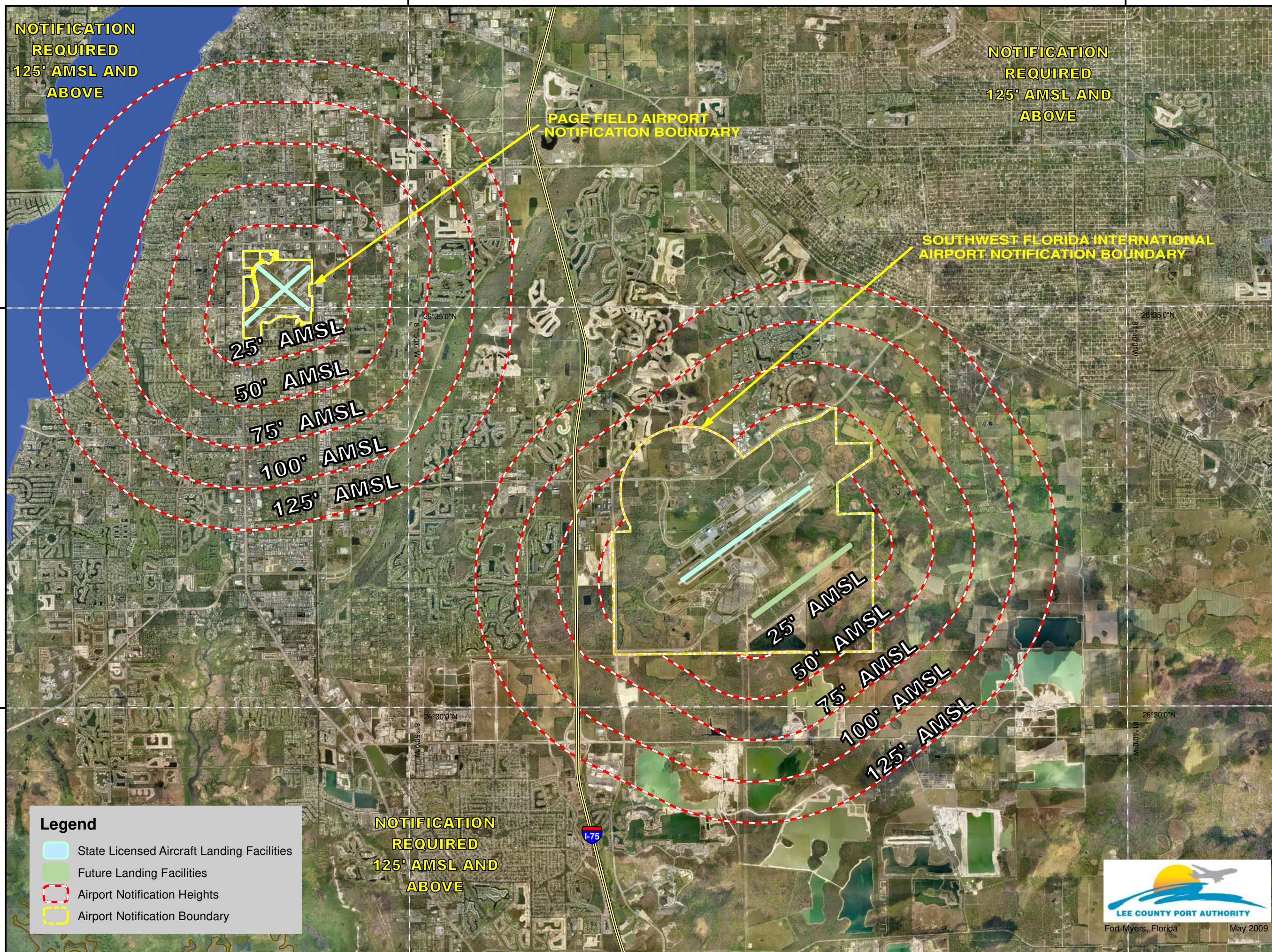


# Tall Structure Permit Breakdown

Tall Structure Permit Type	Slope Notification Surface	Height Notification Limits	FAA Aeronautical Study required (7460-1)?	Any fees?	Review Period	Validity
<b>Tier 1</b> Lee County Port Authority (LCPA) Tier 1 Tall Structures Permit (TSP) only	<u><b>125:1</b></u> Your project structures (permanent & temporary) penetrate the Lee County 125:1 slope notification surface. The slope notification surface extends 1' upward for every 125' of linear distance.	<u><b>&gt;125' AGL</b></u> Though you may not exceed the slope notification surface, your project equipment (permanent & temporary) exceeds <u><b>125' AGL</b></u>	<u><b>NO</b></u> A Tier 1 TSP <b>WILL NOT</b> require a FAA Aeronautical Study	<u><b>NO</b></u> There are no fees associated with obtaining a Tier 1 TSP	<u><b>LCPA Review:</b></u> The LCPA will have 30 calendar days to issue a written response to a <u><b>complete</b></u> TSP Application	<u><b>Tier 1 TSP:</b></u> A Lee County Port Authority Tier 1 TSP will be valid for 12 months
<b>Tier 2</b> Lee County Port Authority (LCPA) Tier 2 Tall Structures Permit (TSP) + Federal Aviation Administration (FAA) Aeronautical Study	<u><b>100:1</b></u> Your project structures (permanent & temporary) penetrate the FAA 100:1 slope notification surface. The slope notification surface extends 1' upward for every 100' of linear distance.	<u><b>&gt;200' AGL</b></u> Though you may not exceed the slope notification surface, your project equipment (permanent & temporary) exceeds <u><b>200' AGL</b></u>	<u><b>YES</b></u> A Tier 2 TSP <u><b>WILL</b></u> require a FAA Aeronautical Study	<u><b>NO</b></u> There are no fees associated with obtaining a Tier 2 TSP or FAA Aeronautical Study	<u><b>LCPA Review:</b></u> The LCPA will have 30 calendar days to issue a written response to a <u><b>complete</b></u> TSP Application + <u><b>FAA Review:</b></u> The FAA may take up to 120 days to issue an Aeronautical Study + <u><b>LCPA 2<sup>nd</sup> Review:</b></u> The LCPA will have an additional 35 calendar days to review in conjunction with the FAA Aeronautical Study, forward the application to FDOT for concurrent review and issue a Tier 2 TSP	<u><b>Tier 2 TSP:</b></u> A Lee County Port Authority Tier 2 TSP will be valid for 12 months, unless otherwise noted on the permit + <u><b>FAA Aeronautical Study:</b></u> A Federal Aviation Administration (FAA) Aeronautical Study will be valid for 18 months
<b>Short Term/ Emergency/Temporary Equipment (Short Term)</b> Short Term/Emergency/Temporary Equipment Tall Structures Permits (TSP) are for emergency projects only	<u><b>125:1</b></u> Your project structures (permanent & temporary) penetrate the Lee County slope notification surface. The slope notification surface extends 1' upward for every 125' of linear distance.	<u><b>&gt;125' AGL</b></u> Your project equipment (permanent & temporary) that exceeds <u><b>125' AGL</b></u>	<u><b>NO</b></u> A Short Term TSP <u><b>WILL NOT</b></u> require a FAA Aeronautical Study because of the emergency being addressed	<u><b>NO</b></u> There are no fees associated with obtaining a Short Term TSP	<u><b>LCPA Review:</b></u> A Short Term TSP will be evaluated as soon as possible to address the emergency	<u><b>Short Term TSP-</b></u> A Short Term TSP will be valid long enough to address the emergency on a very short term basis

\*PLEASE NOTE: The review period for a Tall Structures Permit does not begin until the LCPA receives and accepts a COMPLETE Tall Structures Permit application. The LCPA may request the applicant to make revisions to the information provided before accepting an application\*





## AIRSPACE NOTIFICATION MAP

This map was developed by the Lee County Port Authority pursuant to Lee County Land Development Code, Section 34-1008, to assist the Department of Community Development in determining whether a proposed or existing object or piece of equipment to be used during the construction of an object would require an airspace review by Lee County Port Authority through submittal of a Tall Structures Review Application.

**Use of this map is limited to** notification procedures only and is in no way intended to authorize or suggest allowable object heights. Any other use of this map is done without the knowledge, concurrence or approval of Lee County Port Authority.

### Instructions for Use

Step 1 Determine location of proposed object on the map surface.

Step 2 *If the proposed project is located within the Page Field or Southwest Florida International Airport Notification Boundary go to Step 9a; otherwise continue to Step 3.*

Step 3 Determine the proposed object's max. height Above Mean Sea Level (AMSL = height of object + ground elevation) then go to Step 4.

Step 4 Determine if the proposed object will use a crane or similar equipment during construction.

Step 5 If the proposed object will use a crane, go to Step 6, if it will not use a crane, go to Step 7.

Step 6 Determine the crane's operating height AMSL.

Step 7 Determine if proposed object or crane heights AMSL exceed any of the notification heights for the selected area.

Step 8 If proposed object or crane exceeds the notification heights, go to Step 9a, otherwise go to Step 9b.

Step 9a Submit a Tall Structure Review Application to Lee County Port Authority

Step 9b Notification is not required



Fort Myers, Florida May 2009