
Sec. 18-201. Created and established.

- (a) In order to carry out the provisions of this article, there are hereby created and established certain zones which include all of the land lying within the approach zones, transitional zones, horizontal zones and conical zones as they apply to a particular airport. Such zones are shown on the Shreveport Regional Airport hazard zoning map consisting of one sheet, prepared by Aillet, Fenner, Jolly and McClelland, Inc., and dated February 14, 1978, which is attached to the ordinance from which this article derives and made a part of this article by reference. An area located in more than one of the following zones is considered to be only in the zone with the more restrictive height limitation. The various zones are hereby established and defined as follows:
- (1) *Runway larger than utility with a visibility minimum greater than three-fourths-mile nonprecision instrument approach zone.* The inner edge of this approach zone coincides with the width of the primary surface and is 500 feet wide. The approach zone expands outward uniformly to a width of 3,500 feet at a horizontal distance of 10,000 feet from the primary surface, its centerline being the continuation of the centerline of this runway.
 - (2) *Precision instrument runway approach zone.* The inner edge of this approach zone coincides with the width of the primary surface and is 1,000 feet wide. The approach zone expands outward uniformly to a width of 16,000 feet at a horizontal distance of 50,000 feet from the primary surface, its centerline being the continuation of the centerline of the runway.
 - (3) *Transitional zones.* These zones are hereby established as the area beneath the transitional surfaces. The surfaces extend outward at 90-degree angles to the runway centerline and the runway centerline extended at a slope of seven feet horizontally for each foot vertically from the sides of the primary and approach surfaces to where they intersect the horizontal and conical surfaces. Transitional zones for those portions of the precision approach zones which project through and beyond the limits of the conical surface extend a distance of 5,000 feet measured horizontally from the edge of the approach zones and at 90-degree angles to the extended runway centerline.
 - (4) *Horizontal zone.* The horizontal zone is hereby established by swinging arcs of 10,000 feet radii from the center of each end of the primary surface of each runway that is not a utility or visual runway and connecting the adjacent arcs by drawing lines tangent to those arcs. The horizontal zone does not include the approach and transitional zones.
 - (5) *Conical zone.* The conical zone is hereby established as the area that commences at the periphery of the horizontal zone and extends outward therefrom a horizontal distance of 4,000 feet. The conical zone does not include the precision instrument approach zones and the transitional zones.
- (b) For the purposes of this zoning article, runway 5/23 will be considered as a nonprecision instrument runway larger than utility with visibility minimums greater than three-fourths statute miles. Runway 13/31 will be considered as a precision instrument approach runway with visibility minimums less than three-fourths statute miles.

(Code 1971, § 8-80)

Sec. 18-202. Height limitations.

- (a) Except as otherwise provided in this article, no structure or tree shall be erected, altered, allowed to grow or be maintained in any zone created by this article to a height in excess of the applicable height limit established in this article for such zone. Such applicable height limitations are hereby established for each of the zones in question as follows:

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- (1) *Runway larger than utility with a visibility minimum greater than three-fourths-mile nonprecision instrument approach zone (runway 5/23).* Slopes upward 34 feet horizontally for each foot vertically beginning at the end of and at the same elevation as the primary surface and extending to a horizontal distance of 10,000 feet along the extended runway centerline.
 - (2) *Precision instrument runway approach zone (runway 13/31).* Slopes upward 50 feet horizontally for each foot vertically beginning at the end of and at the same elevation as the primary surface and extending to a horizontal distance of 10,000 feet along the extended runway centerline; thence slopes upward 40 feet horizontally for each foot vertically to an additional horizontal distance of 40,000 feet along the extended runway centerline.
 - (3) *Transitional zones.* Slopes upward and outward seven feet horizontally for each foot vertically beginning at the sides of and at the same elevation as the primary surface and the approach zones, and extending to a height of 150 feet above the airport elevation which is 258 feet above mean sea level. In addition to the foregoing height limitations, there are established height limits sloping upward and outward seven feet horizontally for each foot vertically beginning at the sides of and at the same elevation as the approach zones, and extending to where they intersect the conical surface. Where the precision instrument runway approach zone projects beyond the conical zone, height limits sloping upward and outward seven feet horizontally for each foot vertically shall be maintained beginning at the sides of and at the same elevation as the precision instrument runway approach surface, and extending to a horizontal distance of 5,000 feet measured at 90-degree angles to the extended runway centerline.
 - (4) *Horizontal zones.* One hundred fifty feet above airport elevation or a height of 408 feet above mean sea level.
 - (5) *Conical zone.* Slopes upward and outward 20 feet horizontally for each foot vertically beginning at the periphery of the horizontal zone and at 150 feet above the airport elevation and extending to a height of 350 feet above the airport elevation.
 - (6) *Excepted height limitation.* Nothing in this section shall be construed as prohibiting the growth, construction or maintenance of any tree or structure to a height up to 50 feet above the surface of the land.
- (b) Where an area is covered by more than one height limitation, the more restrictive limitation shall prevail.
- (Code 1971, § 8-81)