

12-1-2703 HEIGHT LIMITING ZONES

In order to carry out the provisions of this ordinance, there are hereby created and established certain height limiting zones, which include all the land lying within the utility and non-precision instrument approach zones, transition zones, horizontal zones, and conical zones. Such zones are shown on the Municipal Airport Zoning Map, which is attached to this ordinance and made a part hereof to the same extent as if said map and the information thereon were fully described and set forth herein. The various height limiting zones are hereby established and defined as follows:

1. Runway Non-Precision Instrument Approach Zone. An approach zone is established at the end of Runway 16 based on a 6300 foot runway, for landing and take-offs. The Non-Precision Approach Zone shall have a width of 1000 feet at a distance of 200 feet beyond the end of the runway, widening hereafter uniformly to a width of 3500 feet at a distance of 10,200 feet beyond the end of the runway, its centerline being the continuation of the centerline of the runway. The Approach Zone shall rise 1 foot in height for each 34 feet in horizontal distance beginning at a point 200 feet from and at the centerline elevation of the runway and extending to a distance of 10,200 feet from the end of the runway.

2. Runway Precision Instrument Approach Zone. An approach zone is established at the end of Runway 34 for landing and take-offs based on a 7200 foot runway. The Precision Approach Zone shall have a width of 1000 feet at a distance of 200 feet beyond the end of the runway, widening hereafter uniformly to a width of 16,000 feet at a distance of 50,200 feet beyond the end of the runway, its centerline being the continuation of the centerline of the runway. The Approach Zone shall rise 1 foot in height for each 50 feet horizontal distance for the first 10,000 feet, beginning at a point 200 feet from and at the centerline elevation of the runway, then shall rise 1 foot in height for each 40 feet horizontal distance for an additional 40,000 feet, extending to a total distance of 50,200 feet from the end of the runway.

3. Transition Zone. Transition zones are hereby established adjacent to each runway and approach zone as indicated on the airport zoning map. Transition zones symmetrically located on either side of runways have variable widths as shown on the airport zoning map. Transition zones extend outward from a line on either side of the centerline of the runway, for the length of such runway plus 200 feet on the end, and are parallel to and level with such runway centerlines. Part The transition zone along such runway slopes upward and outward 7 feet horizontally for each 1 foot vertically to the point where they intersect the surface of the horizontal zone. Further, transition zones are established adjacent to approach zones for the entire length of the approach zone up to the point of intersection with the horizontal zone. These transition zones have variable widths, as shown on the airport zoning map. Such transitions flare symmetrically with either

side of the runway approach zone from the base of such zone and slope upward and outward at the rate of 7 feet horizontally for each 1 foot vertically to the points where they intersect the surfaces of the horizontal and conical zones.

4. Horizontal Zone. A horizontal zone is hereby established as the area within arcs of radius from points at the end of the runway at the centerline extension and having a radius of 10,000 feet at 150 feet above the airport elevation. The horizontal zone does not include the utility and non-precision instrument approach zone and the transition zone.

5. Conical Zone. A conical zone is hereby established as the area that commences at the periphery of the horizontal zone and extends outward for a distance of 4,000 feet. The conical zone does not include the utility and non-precision instrument approach zone and transition zone. The conical zone shall rise 20 feet in height for each 1 foot in horizontal distance beginning at the periphery of the horizontal zone, extending to a height of 350 feet above the airport elevation.