

## City of High Point - Airport Overlay District (ARO) Fact Sheet

- District Boundaries
  - Based on noise contours that radiate outward from the airport's runways and which indicate specific decibel levels
  - Metrics
    - DNL - 24-hour average noise measure
    - NA - Number of individual aircraft flights above a specific decibel level
  - Do not precisely coincide with the noise contours
  - Tied to physical features on the ground that can be identified, such as streets and streams
    - Accomplishes two things
      - Determining when a particular development proposal is within one or more of the zones is more straightforward
      - Mapping the boundaries beyond the contour line allows for variations in aircraft flights patterns and noise that does occur.
  
- Zone 1
  - Prevents the development of land uses sensitive to daytime and nighttime aircraft flight noise
  - Prohibits uses that could pose safety hazards due to aircraft, such as schools, hospitals and other large gathering places
  - No new residential uses are allowed
  - Based the 65 DNL contour
  
- Zone 2
  - Prevents the development of land uses sensitive to nighttime aircraft flight noise
  - No new residential uses are allowed
  - Based on the NA 90(1) contour
  
- Zone 3
  - Based on the same NA 90(1) metric as Zone 2
  - Would have been part of Zone 2, except for consideration of:
    - Established pattern of residential development and infrastructure
    - Oak Hollow Lake watershed critical area
  - New residential construction required to meet a noise level reduction standard—Reduces the interior level of noise by 30 bB

- Zone 4
  - Based on the NA 85(2) metric contour
  - Requires public notification of potential nighttime aircraft noise impacts along with the other 3 zones
  
- All zones
  - Requires notification to potential buyers of property of potential aircraft noise impacts
  - Waiver of claim
    - Required for all subdivisions
    - Executed by the owner of the property for the benefit of the City
    - Waives owners' right to any cause of action against the City due to:
      - Adverse aircraft noise impacts
      - Consequences of the district's noise mitigation requirements