

Charlotte Douglas International Airport

Airport Community Roundtable: As of Feb. 12, 2020

Recommendations being Considered for the Slate

The following are the current items being considered for the Slate:

- 1) Utilize Altitude-based Turns
- 2) Utilize Divergent Departure Headings
- 3) Modify Use of Departure Profiles (*technically, this recommendation - for adoption of NADP-2 - is being addressed outside of the Slate*)
- 4) Utilize Alternating Arrival Rails
- 5) On South Departures, delay Turns off 18L (East) and 18C (West)
- 6) On South Departures, change heading at first turns off 18L (East) and 18C (West)
- 7) Remove the 2-mile Restriction on Departures
- 8) Utilize CDA (Continuous Descent Approach)
- 9) Maintain 6,000' Arrival Altitude until Final Approach Course
- 10) Return CAATT Waypoint to Pre-Metroplex location (aka, Raising the Altitude by 1000' at CAATT/EPAYE)

ACR Guiding Principles

(Macro View) – Evaluating Recommendations for their effect on the Entire Community

Overall, reduce the airplane noise effect on the population.

(Micro View) – Evaluating Recommendations for their effect on People, Locations, Entities

Desired Effect

- 1) For higher affected areas, increase the time between flights.
- 2) For higher affected areas, reduce the number of flights per day.
- 3) For higher affected areas, reduce the number of night flights.
- 4) For higher affected areas, reduce the plane noise level.

Affected Groups

- 5) Reduce the **# of people** who experience a high frequency of loud plane noise.
- 6) Reduce the **# of locations/neighborhoods** that experience a high frequency of loud plane noise.
- 7) Reduce the **# of schools** that experience a high frequency of loud plane noise.

Additional Considerations

- A. In lower affected areas, attempt to minimize increased airplane noise effects resulting from recommendations.
- B. Attempt to minimize/avoid increased airplane noise effects on Environmental Justice areas.
- C. Follow City of Charlotte actions on noise ordinance (which is in development) to determine if/how to modify the list of Affected Groups to apply to particular healthcare or religious facilities.
- D. Avoid unintended consequences resulting from recommendations.