# Charlotte Metroplex Meeting

July 2016





#### Status: The Charlotte Metroplex is currently in the Implementation Phase

- CLT is on a North Flow 55% of the time and on a South Flow 45% of the time.
- To calculate noise for the Environment Assessment, the FAA uses a single-number descriptor of noise, which was developed by the US Environmental Protection Agency (EPA). The day-night average sound level (DNL) is the average noise level over a 24-hour period. Noise between the hours of 10 p.m. and 7 a.m. is artificially increased by 10 db.
- The FAA's threshold for significant noise impact is an increase of DNL 1.5 decibels or more over noise-sensitive areas that are exposed to DNL 65 decibels and higher.

#### **Previous Community Workshop Sessions:**



December 9, 2014 **West Mecklenburg High School Cafeteria** 7400 Tuckaseegee Road Charlotte, NC 28214



December 10, 2014 **Olympic High School** Cafeteria 4301 Sandy Porter Road Charlotte, NC 28273



January 22, 2015 Carol A. Hoefener **Community Services** Center (First Ward Recreation Center) 610 E. 7th St.



Charlotte, NC 28202 May 19, 2016 Charlotte Police + Fire Training Academy 1770 Shopton Road Charlotte, NC 28217

#### Additional information and presentation materials from this meeting can be found here:

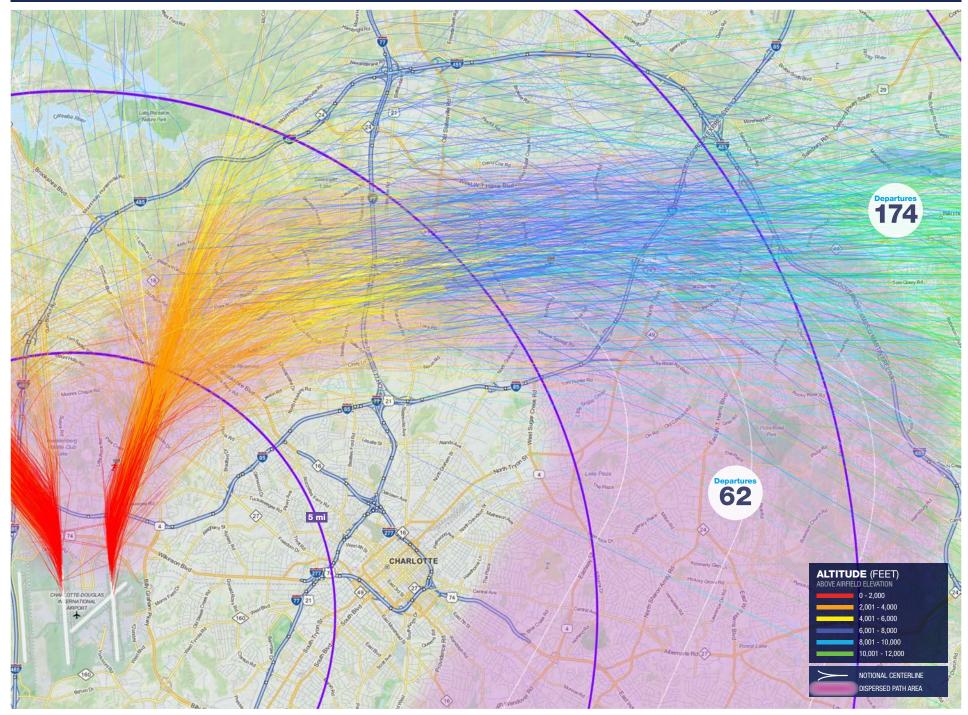
**Charlotte Noise Exposure Map (NEM)** 

www.airportsites.net/CLT-NEM/meeting6boards.htm

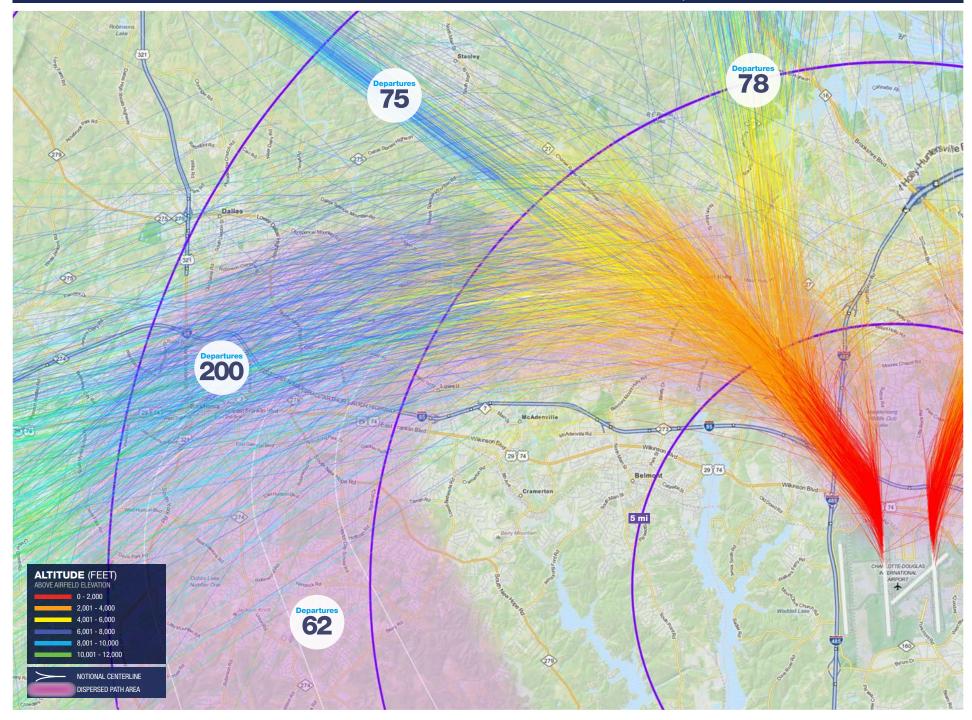
**FAA Charlotte Metroplex Public Engagement** 

www.faa.gov/go/Charlotte

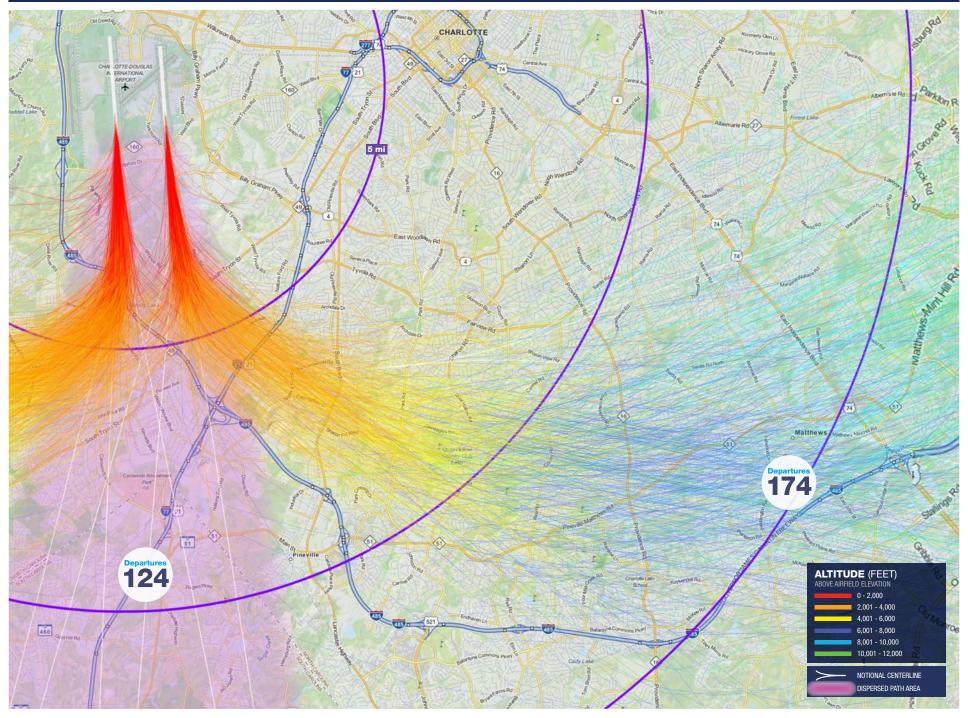
# POST NORTHEAST North Flow Phase 1, Phase 2, and Future Phase 3 Departures



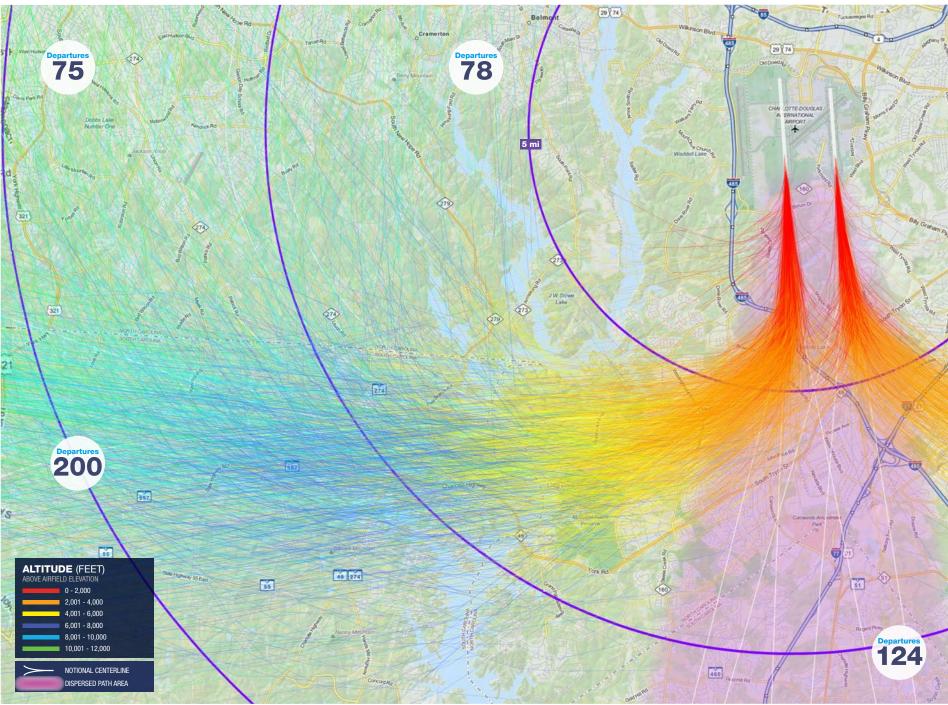
# POST NORTHWEST North Flow Phase 1, Phase 2, and Future Phase 3 Departures



### POST SOUTHEAST South Flow Phase 1, Phase 2 and Future Phase 3 Departures



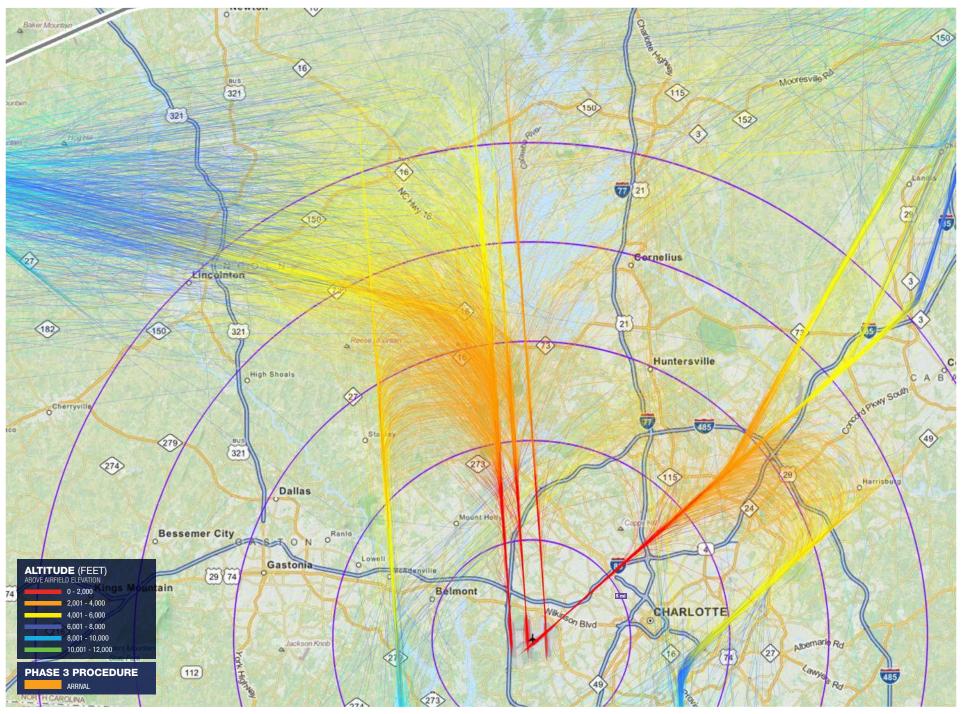
# POST SOUTHWEST South Flow Phase 1, Phase 2 and Future Phase 3 Departures



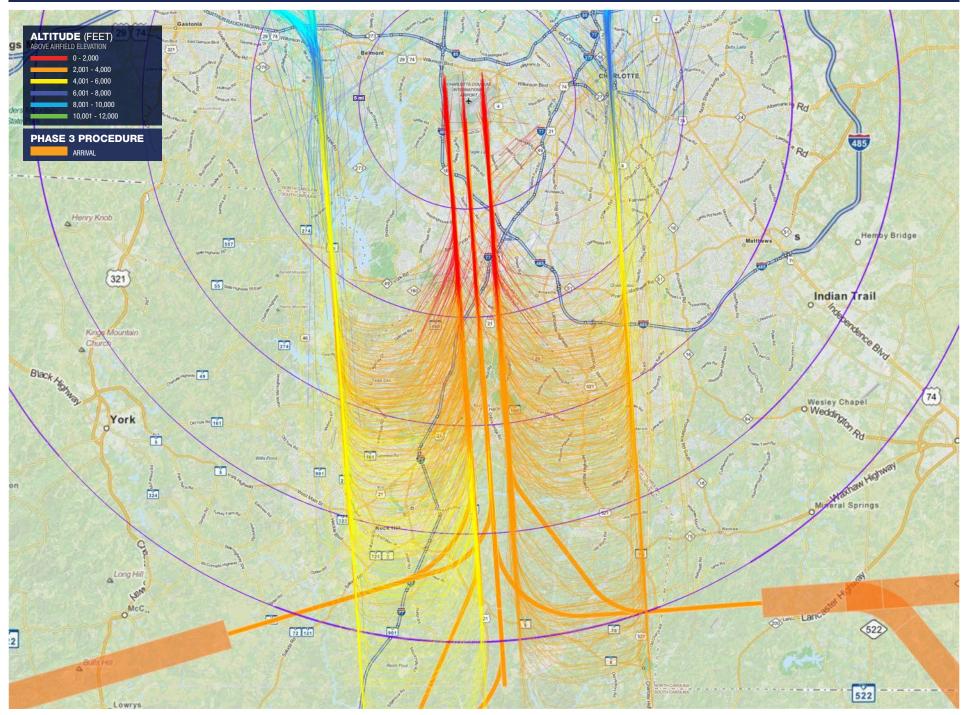
### **® POST NORTH** South Flow Phase 1, Phase 2, and Future Phase 2 Arrivals



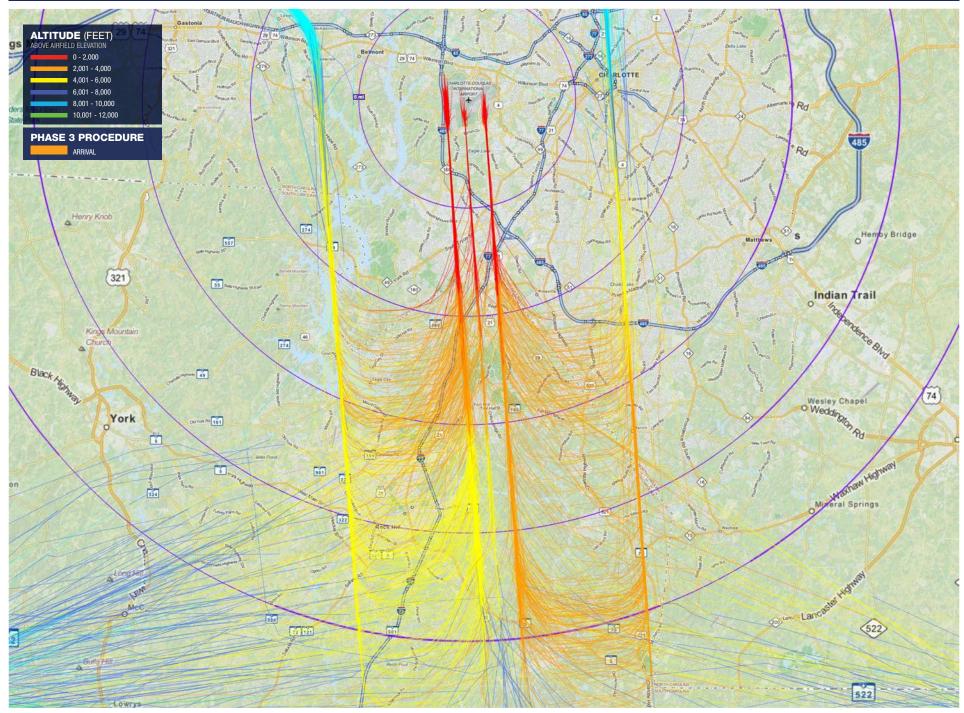
### PRE NORTH South Flow Pre Metroplex Arrivals



### POST SOUTH North Flow Phase 1, Phase 2, and Future Phase 2 Arrivals



# PRE SOUTH North Flow Pre Metroplex Arrivals

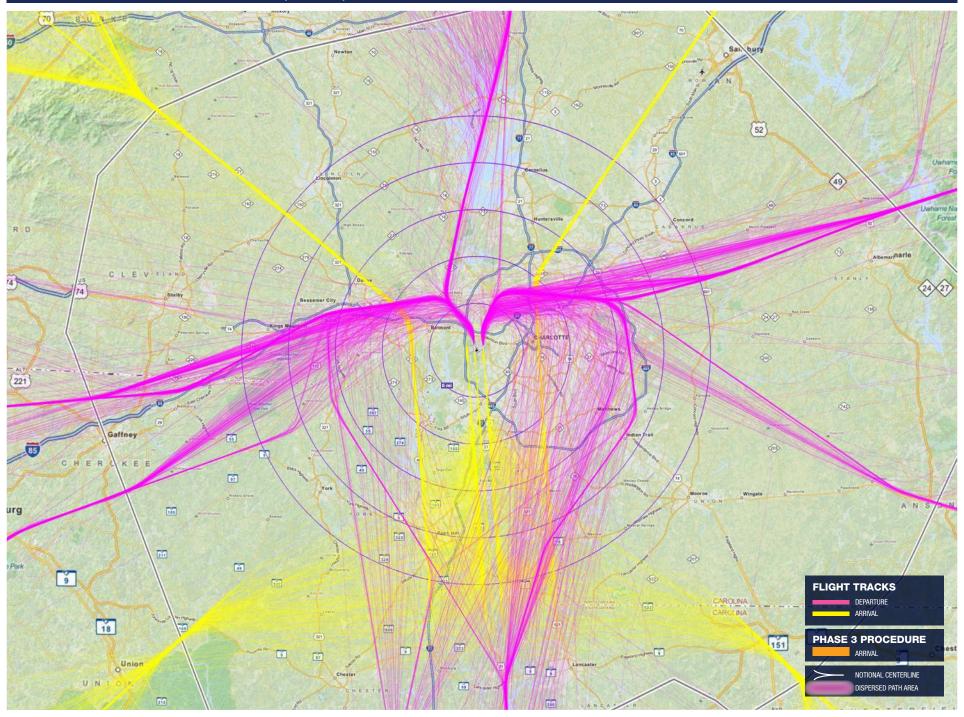


#### **POST** North Flow — Phase 1, Phase 2 and Future Phase 3 Departures and Arrivals (52) 49 1 PHASE 2 PHASE 1 OCT 15, 2015 Albemarinarie IARLOTTE (221) Gaffney 49 57 urg 105 75 6 9 322 **FLIGHT TRACKS** CAROLINA CAROLINA 522 18 909 PHASE 3 PROCEDURE 151 PHASE 3 ARRIVAL 97 JULY 21, 2016 Union 0 NOTIONAL CENTERLINE

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DISPERSED PATH AREA

#### **PRE** North Flow — Pre Metroplex Departures and Arrivals



#### South Flow — Phase 1, Phase 2 and Future Phase 3 Departures and Arrivals PHASE 2 MAY 31, 2016 (52) PHASE 1 OCT 15, 2015 49 PHASE 2 MAY 31, 2016 (221) PHASE 1 OCT 15, 2015 Gaffney CHER 67 161 ANS PHASE 3 urg 105 PHASE 3 JULY 21, 2016 JULY 21, 2016 75 6 9 322 **FLIGHT TRACKS** CAROLINA CAROLINA 522 18 909 PHASE 3 PROCEDURE 151 PHASE 3 ARRIVAL 97 **JULY 21, 2016** Union 1 NOTIONAL CENTERLINE UNI

DISPERSED PATH AREA

#### **PRE** South Flow — Pre Metroplex Departures and Arrivals

