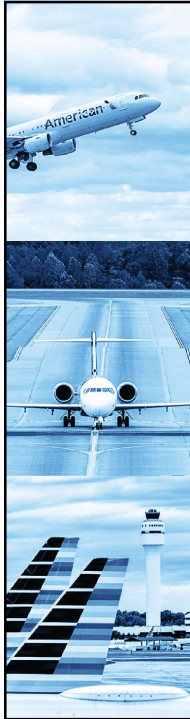


Charlotte Douglas International Airport

Agenda

- Part 150 Overview
- Timeline
- Community Involvement
- Draft Recommended Noise Compatibility Program (NCP)
- Next steps



Charlotte Douglas International Airport

Part 150 Overview

Part 150 Noise Compatibility Study Update | 3



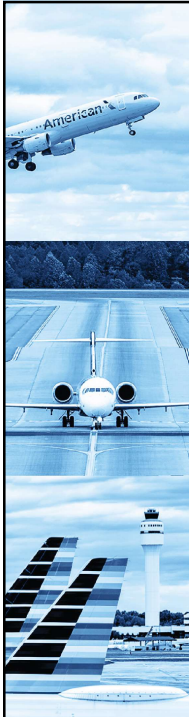
Charlotte Douglas International Airport

Part 150 Overview

What is a Part 150 Study?

- Part 150 Federal Aviation Regulation: Guides and controls planning for aviation noise compatibility on and around airports
- Airports prepare Part 150 studies in accordance with Federal Aviation Administration (FAA)
- Purpose of a Part 150 study is to develop a balanced and cost-effective plan for reducing current noise impacts from the Airport's operations, where practical, and to limit additional impacts in the future, only within the Noise Exposure Map (NEM) Contours

Part 150 Noise Compatibility Study Update | 4



Part 150 Overview

What is Included in a Part 150 Study?

Noise Exposure Maps

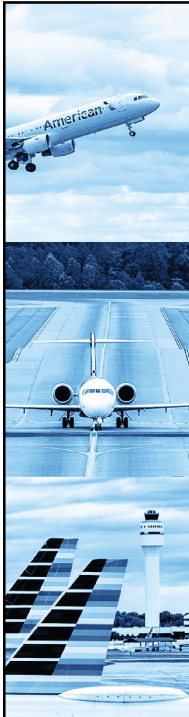
- Description of noise levels in the existing and future (+5 years) conditions

Noise Compatibility Program

- Recommendations for reducing, minimizing, and/or mitigation of aircraft noise and land use conflicts
 - ✓ Noise Abatement Measures: how and where aircraft fly
 - ✓ Land Use Compatibility Measures: programs to help the airport promote compatible land use such zoning, building codes and overlay districts
 - ✓ Land Use Mitigation Measures: remedial programs like sound insulation and voluntary home buyouts
- Implementation steps, timing, responsibilities, and funding

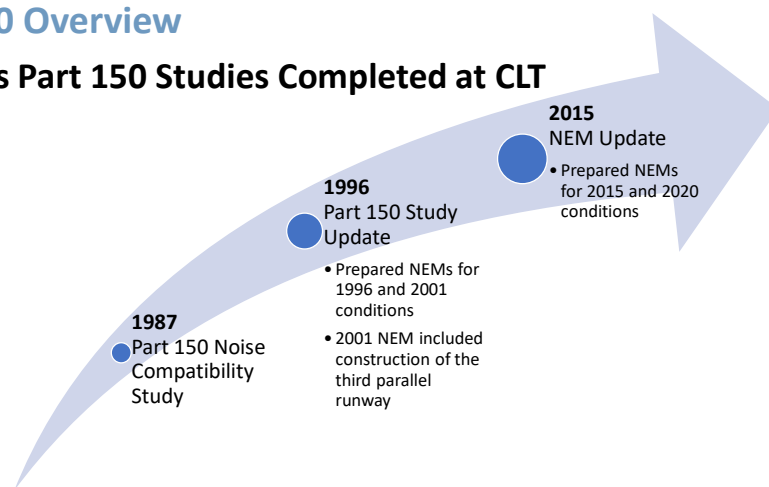
Public Involvement

- Project website and social media
- Public meetings, study process, and draft findings
- Comment collection

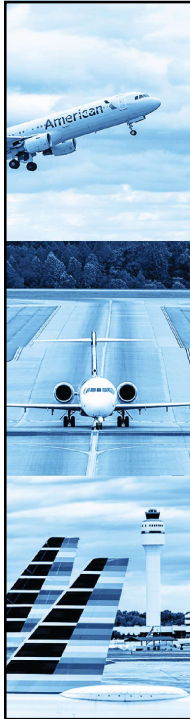


Part 150 Overview

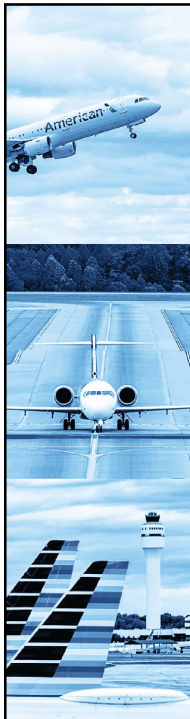
Previous Part 150 Studies Completed at CLT



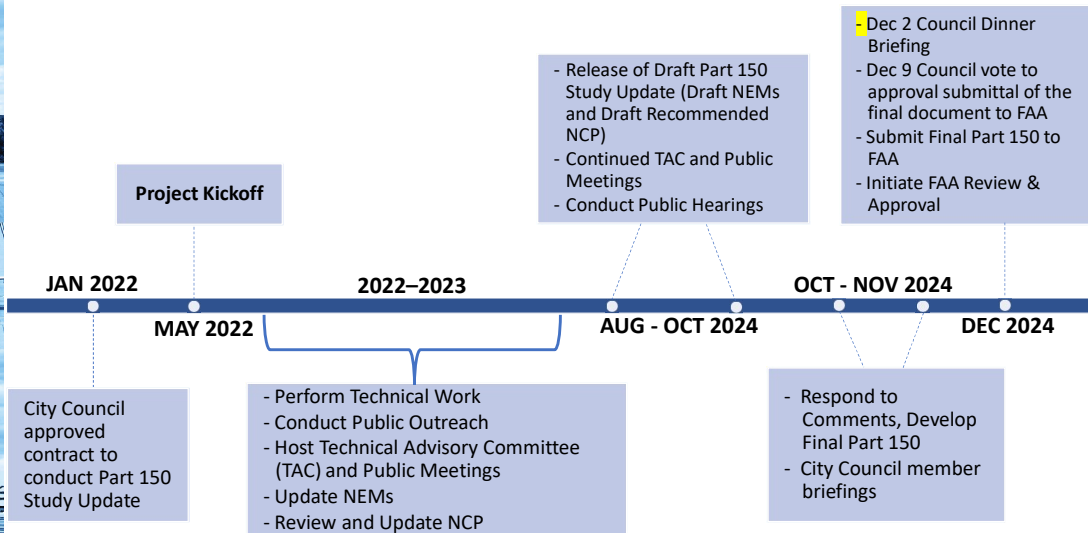
CLT has invested more than \$120 million in local community projects directly related to reducing or mitigating airport noise issues through a Residential Sound Insulation Program and Residential Acquisition Program

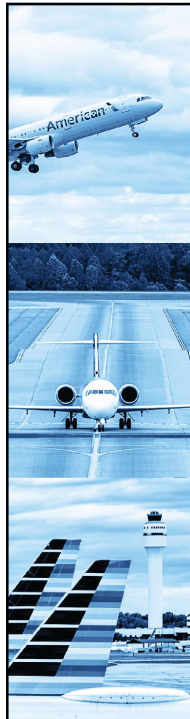


Project Timeline



Project Timeline To Date

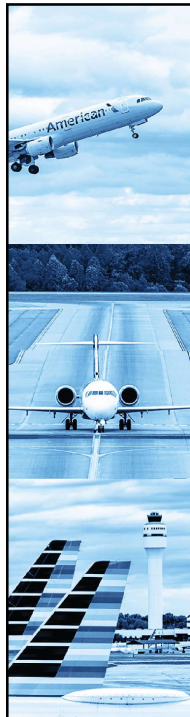




Charlotte Douglas International Airport

Community Involvement

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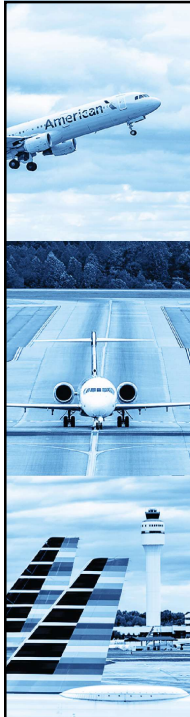


Charlotte Douglas International Airport

Community Involvement

- **Technical Advisory Committee** – Group of stakeholders affected by, or having oversight responsibilities for, issues covered by the Part 150 Study Update participated in routine meetings
 - Airport officials
 - Aircraft operators/airlines
 - Government Officials / Land Use Planners
 - Airport Community Roundtable (ACR)
 - FAA Air Traffic Controllers
- **Public Information Meetings** - Informational meetings to discuss and gather comments on potential aviation noise, land use, and other mitigation measures
- **Public Hearings** - Receive comments (either oral or written) from the public on the Draft Part 150 Study Update document
- **Project Website / Social Media / Virtual Meetings** – expanded community outreach and solicitation of feedback through website and meetings

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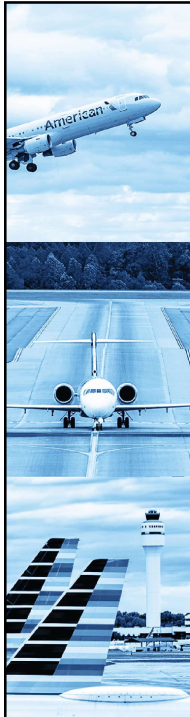


Charlotte Douglas International Airport

Community Involvement

- **Summer/Fall 2022: Project Initiation**
 - Media Briefing, Local Community Group Briefing, TAC Meeting #1
- **March 2023: Review of Part 150 Process and Preliminary NEMs**
 - Public Information Meeting #1
 - TAC Meeting #2
- **November 2023: Preliminary Findings for NCP**
 - Public Information Meeting #2
 - TAC Meeting #3
- **September 2024: Draft NEMs and Draft Recommended NCP**
 - Public Information Meeting #3 and Public Hearings
 - TAC Meeting #4
- **Summer 2022 – Fall 2024: Ongoing print and digital outreach**
 - Newspaper advertisements (English and Spanish languages)
 - Website, social media, newsletter, and e-mail education and feedback solicitation

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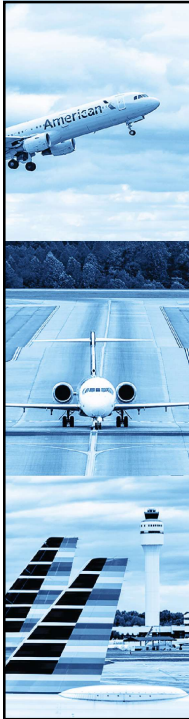
Charlotte Douglas International Airport

Community Involvement

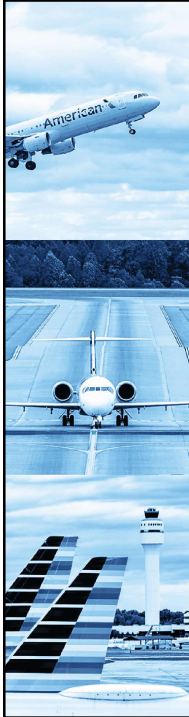
Public Outreach Efforts

- Public Information Meetings provided the public with ample opportunity to participate in one-on-one discussions with Airport staff and the Airport consultants
- Notifications of each meeting were published at least 30 days in advance:
 - ✓ Print media display ads and legal ads in the *Charlotte Observer*
 - ✓ Print media Spanish-language display ads in the *Que Pasa Mi Gente* and *La Noticia* publications
 - ✓ Social media campaign
 - ✓ Project website
 - ✓ Direct emails to local community groups
 - ✓ Direct emails to individuals who requested additional information about the Study
- Additional Airport-led efforts (*Connections* and *Neighborhood Update* publications, etc.)

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Key Recommendations



Draft Recommended 2024 NCP

Overarching Themes: Safety, Efficiency, Sustainability, and Geographically Balanced Distribution



Noise Abatement Measures

Minimizing noise at the source
i.e., flight procedures, runway use, etc.



Land Use Compatibility Measures

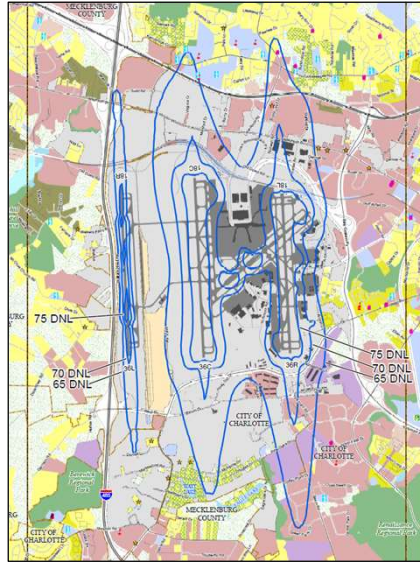
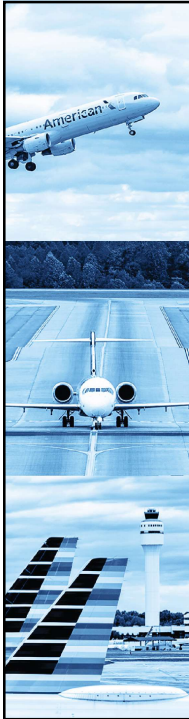
Preventing future land use incompatibilities
i.e., planning, zoning, etc.



Land Use Mitigation Measures

Correcting existing land use incompatibilities
i.e., sound insulation, etc.

Existing (2023) NEM Noise Exposure Contour



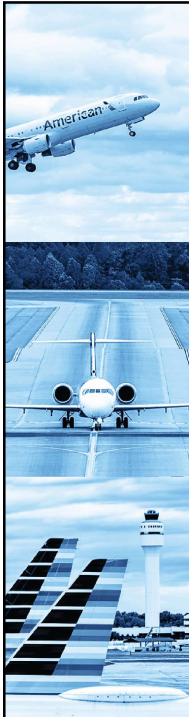
Draft Recommended 2024 NCP Noise Abatement Measures:

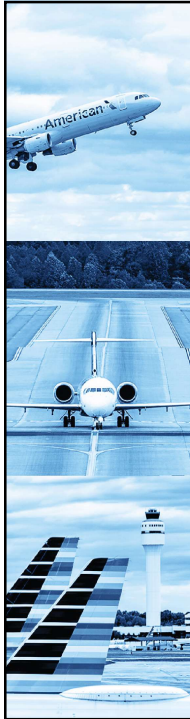
UPDATED

- Airport will continue to monitor late night operations
- Operators will continue to follow the Airport’s run-up policy
- Airport will add new run-up locations within the airfield and encourage procedures to reduce sideline noise
- Departures will continue to use the existing concentrated flight corridors

NEW

- Airport will reassess its run-up policy when airfield projects are completed (i.e. new runway, taxiway improvements, etc)
- Airport will implement new nighttime runway use to shift noise from residential areas to industrial and transportation land uses, pending environmental review





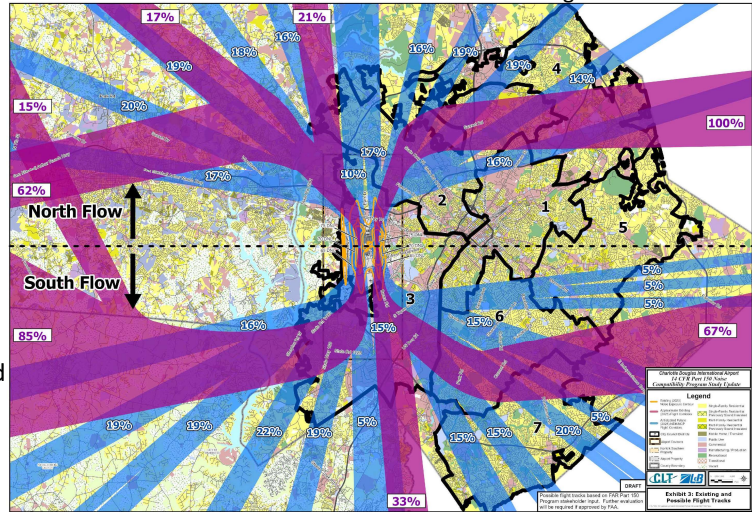
Draft Recommended 2024 NCP Noise Abatement Measures:

NEW

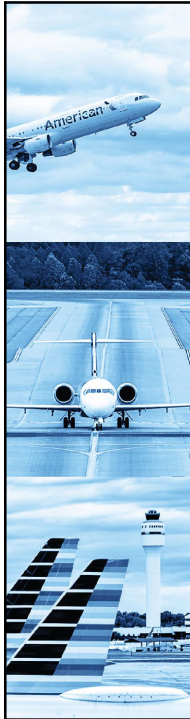
- Plan will implement new diverging headings for departures to disperse aircraft over a wider area pending environmental review and FAA development of flight procedures
- ❖ Potential Future Flight Tracks are simulation-generated, not intended to be used simultaneously (from 8 to up to 27)

Charlotte Douglas International Airport

- Existing Flight Tracks
- Potential Future Flight Tracks*



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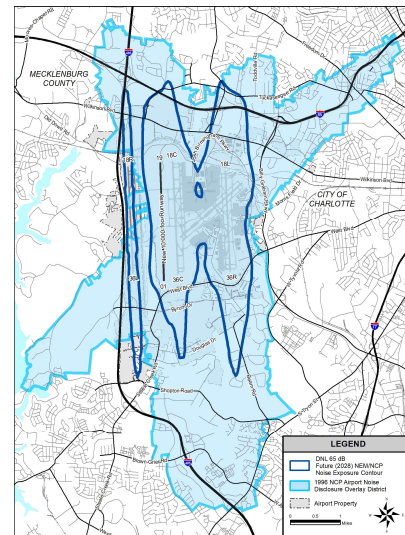


Draft Recommended 2024 NCP Land Use Compatibility Measures:

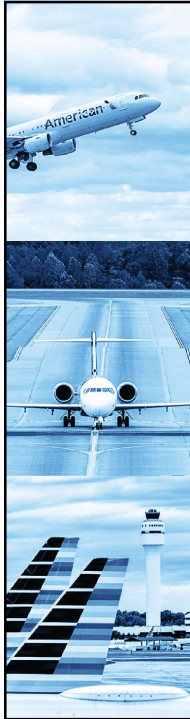
UPDATED

- Airport to continue efforts to promote compatible land use planning and zoning within the Airport Noise Disclosure Overlay (ANDO)
- Airport to continue efforts to keep the existing ANDO boundary in place
- Airport to continue encouraging City's efforts to notify new homeowners within the ANDO that their property may experience noise annoyances

Charlotte Douglas International Airport



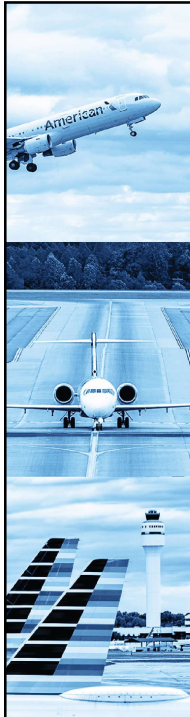
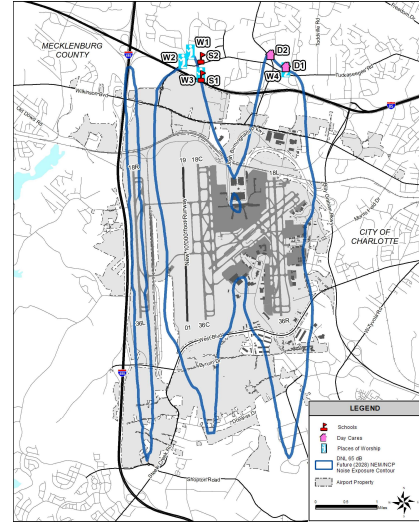
Part 150 Noise Compatibility Study Update | 18



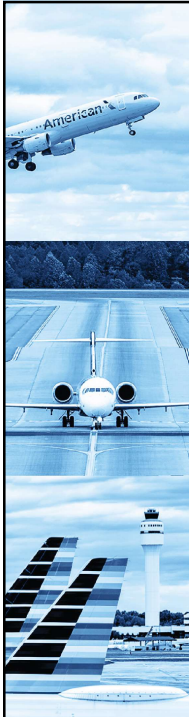
Draft Recommended NCP Land Use Mitigation Measures:

UPDATED

- Airport to continue its public information program
- Airport to continue its sound insulation efforts for noise sensitive public buildings
 - Modification to include properties within the Future (2028) NEM/NCP Noise Exposure Contour (previously the ANDO boundary)
- Airport to continue its voluntary acquisition program for residences where sound insulation is not feasible in new sound insulation boundary
- Airport to continue its voluntary acquisition program for mobile homes in new sound insulation boundary

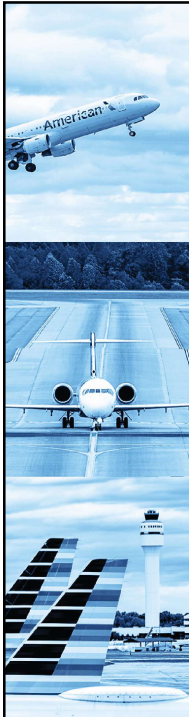


Next Steps & Implementation Timeline

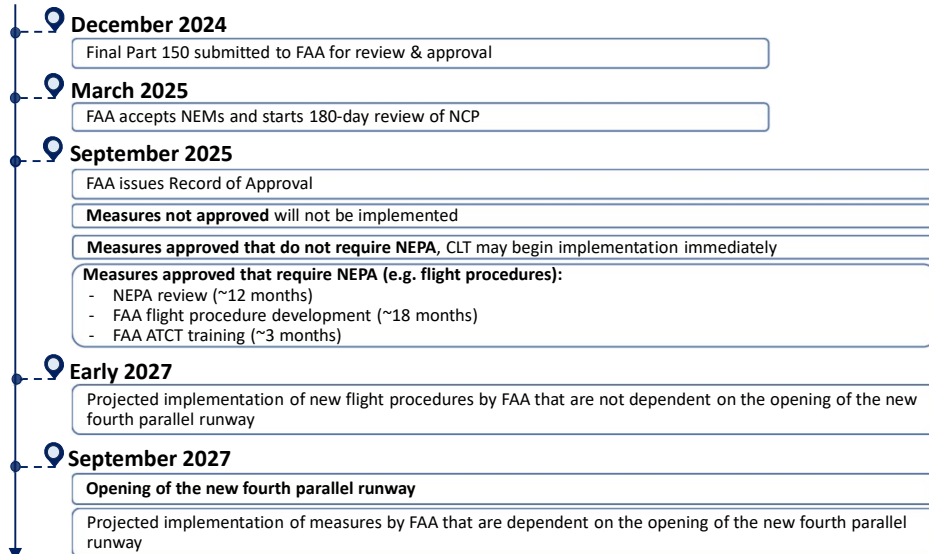


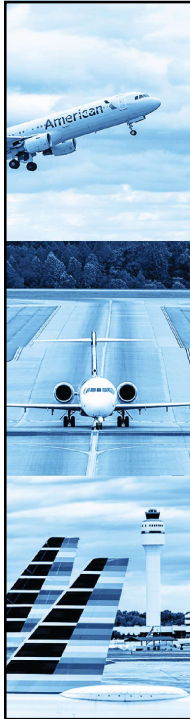
Next Steps

- *Dec 9: City Council will vote on submitting the Part 150 Noise Compatibility Study to the FAA*
- The FAA will review the Final Part 150 and:
 - Accept or reject the updated NEMs
 - Issue a Record of Approval (ROA) accepting or rejecting each measure in the updated NCP
- If approved by FAA, measures in the Part 150 Study Update may be eligible for federal funding
- Anticipated 2+ year review, including environmental analysis and public engagement process before implementation



Potential Implementation Timeline





Charlotte Douglas International Airport

*For more information,
visit the project website*
CLTpart150.com

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