

What is a Part 150 Noise Compatibility Study?

The City of Charlotte is currently updating the Part 150 Noise Compatibility Study for the Charlotte Douglas International Airport (CLT). The study gets its name from Part 150 of the Code of Federal Regulations, which provides guidance for airports preparing a Noise Compatibility Study. Airports prepare Part 150 Studies in accordance with Federal Aviation Administration (FAA) guidance. The Part 150 Study process uses a balanced approach to identify noise incompatibilities surrounding an airport, and to recommend measures to both correct existing incompatibilities and to prevent future incompatibilities.

Part 150 Studies are planning studies.

- They identify noise and land use impacts in accordance with FAA guidance
- They work to develop solutions within the FAA's framework
- The City Council ultimately recommends measures and the FAA approves measures

Part 150 Studies can open funding sources.

- Grants may be available to implement recommendations
- Funding is not guaranteed

Part 150 Studies do not:

- Recommend closing an airport
- Recommend implementing mandatory restrictions

Part 150 Study Primary Elements:

NOISE EXPOSURE MAPS (NEM)	NOISE COMPATIBILITY PROGRAMS (NCP)	PUBLIC INVOLVEMENT
<ul style="list-style-type: none"> • Description of the noise levels for existing and future (+5 years) conditions • Existing conditions (last 12 months of activity) • Future conditions (2028) (considers physical and operational changes) 	<ul style="list-style-type: none"> • Recommendations for reducing, minimizing, and/or mitigating aircraft noise and land use conflicts • May reflect short-term (before 2028) and long-term (after 2028) 	<ul style="list-style-type: none"> • Project website and social media • Meeting notices, study process, and draft findings • Comment collection

Previous and Ongoing Noise Compatibility Planning at CLT

There is a long history of noise compatibility planning at CLT. The Airport began to implement its first federally-approved Federal Aviation Regulation (FAR) Part 150 NCP in 1987. The program was designed to use various methods to mitigate noise impact. The study was updated in 1996 and updated NEMs were developed in 2015. Since the NCP's inception, the Airport has spent 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.



Progress to Date

Since this Part 150 Study Update began in the Summer 2022, the study has concentrated on data collection and the development of preliminary noise contours for the existing conditions and the five-year future condition. The Part 150 Study Update will re-evaluate noise with respect to the decommissioning of runway 5/23 that took place in 2022 and the implementation of multiple previously-approved airfield and terminal improvement projects, including the construction of a new runway, to be operational by 2028. The following lists the major tasks completed for the Part 150 Study Update to date:

- Held kickoff with Technical Advisory Committee
- Compiled and evaluated radar flight track and noise monitoring data
- Conducted field noise measurements (week of October 4, 2022)
- Prepared preliminary existing and future baseline noise contours

Anticipated Schedule & Next Steps



What are the Opportunities for Providing Input?

Members of the public may comment at the meeting by completing and submitting a comment form. Please submit your comments by **April 24, 2023** using one of these methods:

Email:
CLTpart150@landrumbrown.com

Mail:
Gaby Elizondo
4445 Lake Forest Dr,
Suite 700
Cincinnati, OH 45242
(Postmarked by April 24, 2023)

Online:
Visit the project website and submit a comment on the "Contact" page: CLTPart150.com

The public will have additional opportunities to provide input and comments throughout the Part 150 process.

For additional information regarding the EA, please visit: CLTpart150.com

The website will be updated throughout the Part 150 process with project updates, meeting information, status reports and schedules, and other information.