



# Noise Compatibility Study Update (Part 150)

## Piedmont Triad International Airport

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In 2004, the Piedmont Triad Airport Authority (PTAA) began participation in the federal Airport Noise Compatibility Planning process under Title 14 of the Code of Federal Regulations Part 150 (14 CFR Part 150 or simply "Part 150") for the Piedmont Triad International Airport (PTI). This process culminated in a report submitted to the Federal Aviation Administration (FAA) in 2007. The FAA accepted the Noise Exposure Maps contained in the report and issued a Record of Approval (ROA) in 2008 addressing PTAA-recommended measures for a Noise Compatibility Program (NCP). The FAA approved, in whole or in part, all of the 20 PTAA recommended NCP measures. The following table lists the NCP measures.

Noise Abatement Measures	Land Use Measures	Programmatic Measures
<ol style="list-style-type: none"> <li>1. Evaluate Noise Barriers *</li> <li>2. Preferred Night Runway Use **</li> <li>3. Night Runway Use Assignments **</li> <li>4. Night Southbound Departure Corridor from Runway 23L **</li> <li>5. Night Departure Procedures from Runway 23R **</li> <li>6. Night Northbound Departure Corridor from Runway 23L **</li> <li>8. Departures from Runway 05L **</li> <li>9. Departures from Runway 05R **</li> <li>10. Restrictions on Use of APUs</li> <li>11. Noise Abatement Departure Profiles **</li> <li>12. Noise Abatement Approach Procedure **</li> <li>13. Altitude for Downwind Legs **</li> </ol>	<ol style="list-style-type: none"> <li>1. Acquire Noise-Sensitive Properties where DNL Exceeds 70 dB</li> <li>2. Sound Insulation of Noise-Sensitive Structures where DNL Exceeds 65 dB</li> <li>3. Optional Acquisition of Avigation Easements for Noise-Sensitive Structures where DNL Exceeds 65 dB</li> <li>4. Other Assistance for Owners of Residential Property where DNL Exceeds 65 dB *</li> <li>5. Pursue Compatible Use Zoning where DNL Exceeds 65 dB</li> </ol>	<ol style="list-style-type: none"> <li>1. Establish a Noise Monitoring Function at PTI</li> <li>2. Publish DNL Contours at 60 dB and Above</li> <li>3. Install and Operate an Aircraft Noise and Operations Monitoring System</li> </ol>

*Note: There is no Noise Abatement Measure number 7 since it was included in Noise Abatement Measure number 5 during the course of the original study.*

\* - Approved for further study.

\*\* - Approved as voluntary measures subject to traffic, weather, and airspace safety and efficiency.

## Part 150 Update

The PTAA has begun the process to update the Part 150 Study. The update will develop new Noise Exposure Maps for current (2020) and projected future (2025) aircraft operations. The study update will also consider whether changes are needed to the NCP that was adopted in the previous study to address any noncompatible land uses that exist.



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## Study Team

The PTAA has contracted with a team of experienced noise consultants (HMMH) to conduct the Part 150 Study Update. A Technical Advisory Committee (TAC) will include representatives from aircraft operators, FAA Air Traffic Control, airport tenants, and local planning jurisdictions. A Citizens Advisory Committee (CAC) will include representatives of the surrounding communities. The TAC and CAC will provide input to the PTAA on the study update.

## Study Schedule

The PTI Part 150 update began in early 2019 and is scheduled to be submitted to the FAA for final review in early 2020. Four TAC and CAC meetings will be held at key points in the study process to review assumptions, baseline data, forecasts and draft results, and to provide feedback and suggestions. Two open house style public workshops will be held during the course of the study.

## Stay Connected

For more information or to submit comments and feedback, the PTAA has several ways you can participate and stay informed:

1. The project website (<http://PTIPart150Update.com>) is updated regularly with project documents, meeting announcements, and other general information about the study. Register on this site to join the mailing list and receive project updates.
2. To make comments and give feedback, please email us at [Part150@gsoair.org](mailto:Part150@gsoair.org)
3. PTAA noise information website provides broader information: <https://flyfrompti.com/noise-information/>

## Project News

The PTI Part 150 update is in the inventory phase, which includes data collection, meeting with users of the airport, development of the aviation forecast, and setting up the noise model, which by federal regulation is the FAA's Aviation Environmental Design Tool (AEDT). During this phase of the Part 150 update the PTAA has set up the TAC and CAC, and is planning the first public open house to introduce the project.

## Public Open House

To learn more, please attend the Part 150 Public Workshop on **Thursday, June 27, 2019 from 5 p.m. to 7 p.m.** at the Greensboro-High Point Marriott Airport, 1 Marriott Drive, Greensboro, NC 27409. The purpose of this first open house is to provide background information on Part 150 regulations, an introduction to aircraft noise, and an overview of the project schedule. Please come anytime between 5 p.m. and 7 p.m. to browse project information and discuss the study with PTAA Staff and members of the Study Team.

