



APPENDIX E

Public Involvement

E.1 | PUBLIC MEETING #1

E.2 | PUBLIC MEETING #2

E.3 | PUBLIC COMMENTS



APPENDIX E.1

Public Meeting #1

SUN-SENTINEL

Sold To:

Boca Raton Airport Authority - CU00563306
903 NW 35th St
Boca Raton, FL 33431-6410

Bill To:

Boca Raton Airport Authority - CU00563306
903 NW 35th St
Boca Raton, FL 33431-6410

Published Daily

**Fort Lauderdale, Broward County, Florida
Boca Raton, Palm Beach County, Florida
Miami, Miami-Dade County, Florida**

State Of Florida

County Of Orange

Before the undersigned authority personally appeared
Rose Williams, who on oath says that he or she is a duly authorized representative of the SUN- SENTINEL,
a DAILY newspaper published in BROWARD/PALM BEACH/MIAMI-DADE County, Florida; that the
attached copy of advertisement, being a Legal Notice in:

The matter of 11720-Notice of Public Meeting .
Was published in said newspaper by print in the issues of, and by publication on the
newspaper's website, if authorized on May 18, 2025
SSC_Notice of Public Meeting
Affiant further says that the newspaper complies with all legal requirements for
publication in Chapter 50, Florida Statutes.

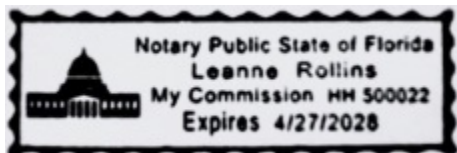


Signature of Affiant

Sworn to and subscribed before me this: May 19, 2025.



Signature of Notary Public



Name of Notary, Typed, Printed, or Stamped
Personally Known (X) or Produced Identification ()

Affidavit Delivery Method: E-Mail

Affidavit Email Address: travis@bocaairport.com
7816471

**NOTICE FOR PUBLIC MEETING
PART 150 STUDY, NOISE EXPOSURE
MAP UPDATE
BOCA RATON AIRPORT**

The Boca Raton Airport Authority (BRAA) is conducting a Noise Exposure Map (NEM) Update to evaluate the noise compatibility of Boca Raton Airport (BCT) with the surrounding communities. This study follows the process outlined in Title 14 of the Code of Federal Regulations (CFR) Part 150, Airport Noise Compatibility Planning.

This notice is to announce a public meeting that will begin with an open house-style workshop, where attendees can view presentation materials about the NEM Update and key steps in the process. Members of BRAA and its consulting team will be available to answer questions and provide additional context. This portion of the meeting will give attendees the opportunity to engage directly with the study team, ask questions, and submit formal comments for consideration during development of the NEM Update. Following the open house-style workshop, a formal presentation on the NEM Update will be provided at a BRAA Board workshop. The presentation will outline the 14 CFR Part 150 Study process, forecasting methodology, and preliminary data used to create land use maps and noise contours. There will also be an opportunity for the public to participate and submit formal comments at the Board workshop. For more information, please visit the study webpage: <https://bocaairport.com/noiseexposure-map-update/>

The public meeting will be held on the following date and at the following time:

DATE: Wednesday, June 18, 2025

TIME:

OPEN HOUSE: 1:00 to 3:00 PM Eastern

BOARD WORKSHOP: 3:00 to 4:30 PM

LOCATION: Eastern Boca Raton Airport
Authority Administration Building, 903
NW 35th Street, Boca Raton, FL

Any person with a disability requiring auxiliary aids or services to participate in this meeting may call Robert Pratt at 561-391-2202, with requests at least five business days before the meeting.

5/18/25 7816471

**in Boca Raton Airport Authority**Sent Post **Safety Week '25**[Wed, Jun 11, 2025 4:00 pm](#)

Join us on June 18 at our administrative offices for key discussions on the Noise Exposure Map (NEM) update and its impact on Boca Raton Airport and the surrounding communities.

📍 1:00 P.M. | Public Open House: Learn about the NEM update and key steps in the process.

📍 3:00 P.M. | NEM Board Workshop: A focused session on updating the Noise Exposure Map.

📍 5:00 P.M. | Board Meeting: Our regular Board meeting will follow.

This is your opportunity to engage with the BRAA team and study experts, ask questions, and stay informed about ongoing efforts to evaluate noise compatibility at Boca Raton Airport.

**BCT** by Boca Raton A.

**Boca Raton Airport**Sent Post **Safety Week '25**[Wed, Jun 11, 2025 4:00 pm](#)

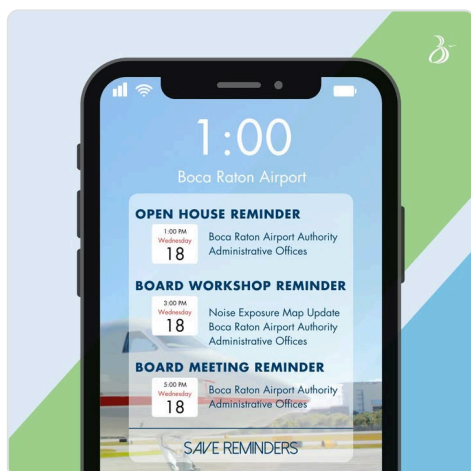
Join us on June 18 at our administrative offices for key discussions on the Noise Exposure Map (NEM) update and its impact on Boca Raton Airport and the surrounding communities.

📍 1:00 P.M. | Public Open House: Learn about the NEM update and key steps in the process.

📍 3:00 P.M. | NEM Board Workshop: A focused session on updating the Noise Exposure Map.

📍 5:00 P.M. | Board Meeting: Our regular Board meeting will follow.

This is your opportunity to engage with the BRAA team and study experts, ask questions, and stay informed about ongoing efforts to evaluate noise compatibility at Boca Raton Airport.

**BCT** by Boca Raton A.

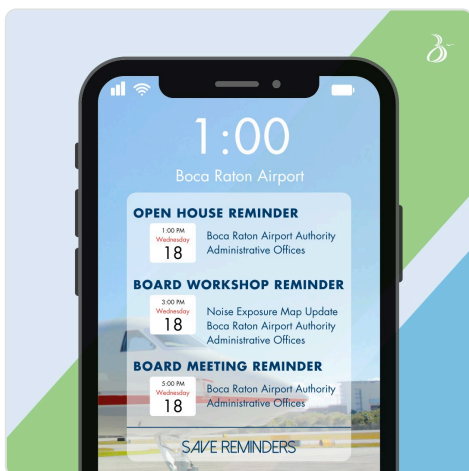


Boca Raton Airport @AirportBoca

Sent Post Safety Week '25

Wed., Jun 11, 2025 4:00 pm

You're Invited: Special Public Open House & Board Workshop on the Noise Exposure Map Update! Join us on June 18 at 1 P.M. at our administrative office for key discussions on the NEM update. The Board Workshop starts at 3 P.M., followed by the Board meeting at 5 P.M.



BCT by Boca Raton A.



**Boca Raton Airport** bocaairportSent Post Safety Week '25[Wed, Jun 11, 2025 4:00 pm](#)

Join us on June 18 at our administrative offices for key discussions on the Noise Exposure Map (NEM) update and its impact on Boca Raton Airport and the surrounding communities.

📍 1:00 P.M. | Public Open House: Learn about the NEM update and key steps in the process.

📍 3:00 P.M. | NEM Board Workshop: A focused session on updating the Noise Exposure Map.

📍 5:00 P.M. | Board Meeting: Our regular Board meeting will follow.

This is your opportunity to engage with the BRAA team and study experts, ask questions, and stay informed about ongoing efforts to evaluate noise compatibility at Boca Raton Airport.

BCT by Boca Raton A.**Thu, Jun 12, 2025**



NOISE EXPOSURE MAP UPDATE

PUBLIC MEETING

Title 14 CFR Part 150 Overview

Purpose & Objective:

Establishes procedures and standards for airport sponsors to voluntarily develop and submit Noise Exposure Maps (NEMs) and Noise Compatibility Programs (NCPs). This process informs the public about current and future airport noise and land use compatibility, helps identify strategies to reduce or prevent incompatible development, and details the Federal Aviation Administration's (FAA) review and approval process. The goal is to keep surrounding communities informed and promote land use compatibility around airports.

Timeline

FEBRUARY 1991



**NEM
ACCEPTED**

AUGUST 1991



**NCP
APPROVED**

DECEMBER 2001

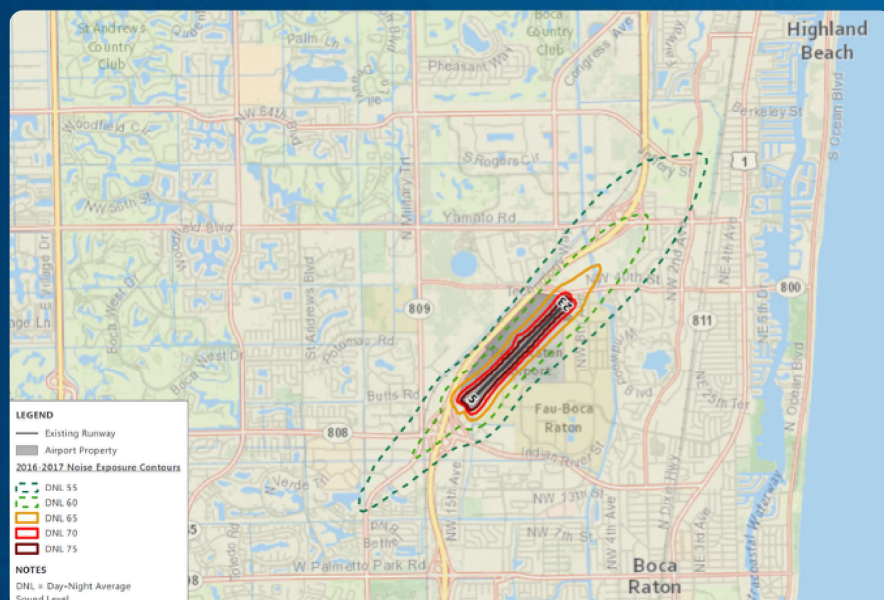


**UPDATED
NEM
ACCEPTED**

JUNE 2002



**UPDATED
NCP
APPROVED**



2017 noise contours prepared for BCT

- DNL 65 contour stayed largely within airport property
- No incompatible land uses found
- NEM update not submitted to FAA

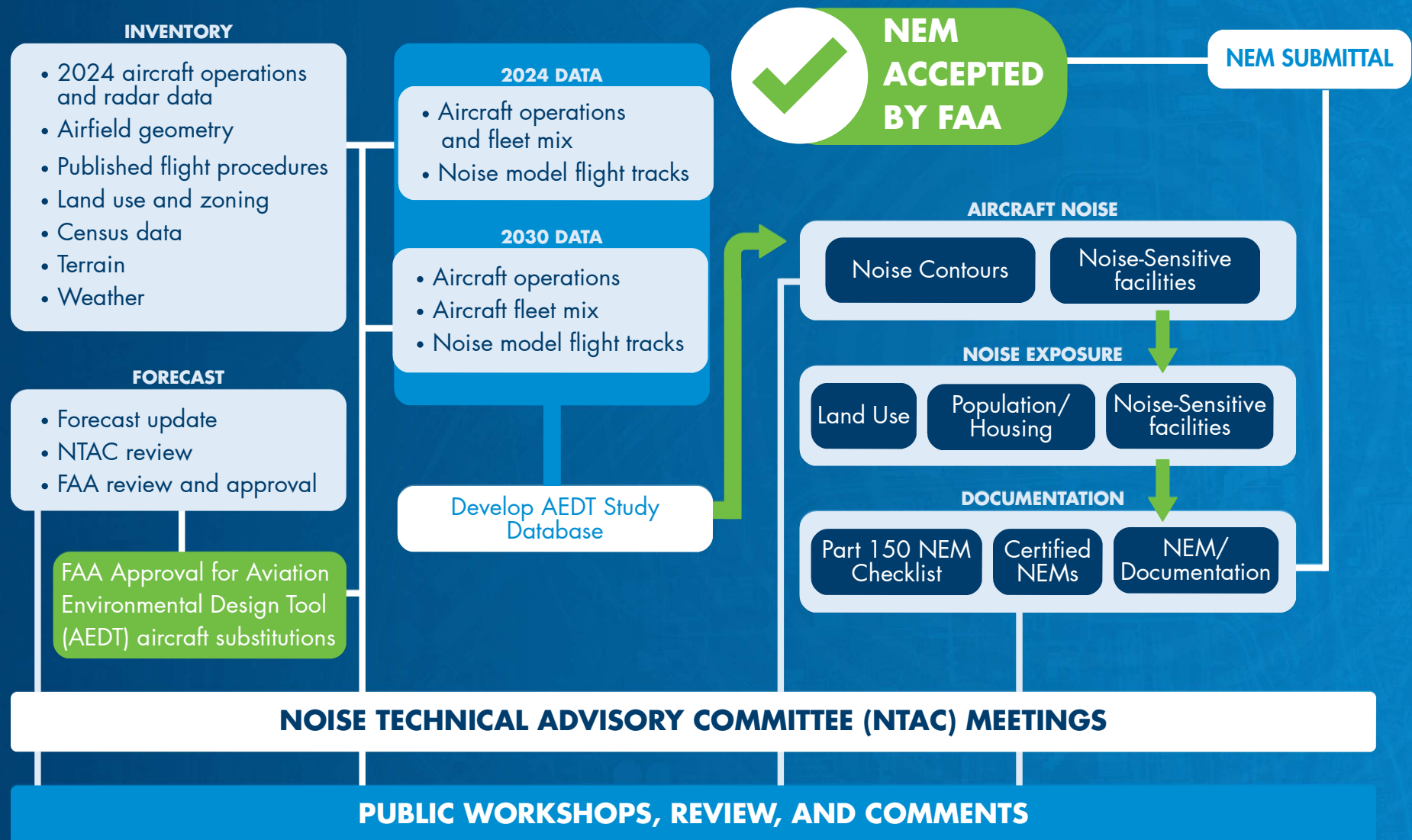
Post-2017 changes at BCT require NEM update

- Increased operations
- New aircraft types
- Different operation types (itinerant vs. local)

BRAA is pursuing a NEM update and will not be updating the NCP

SOURCES: National Geographic, Esri, De Lorme, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp., October 2017 (base map); Aviation Environmental Design Tool, October 2017 (AEDT Tracks); Ricondo & Associates, Inc., October 2017.

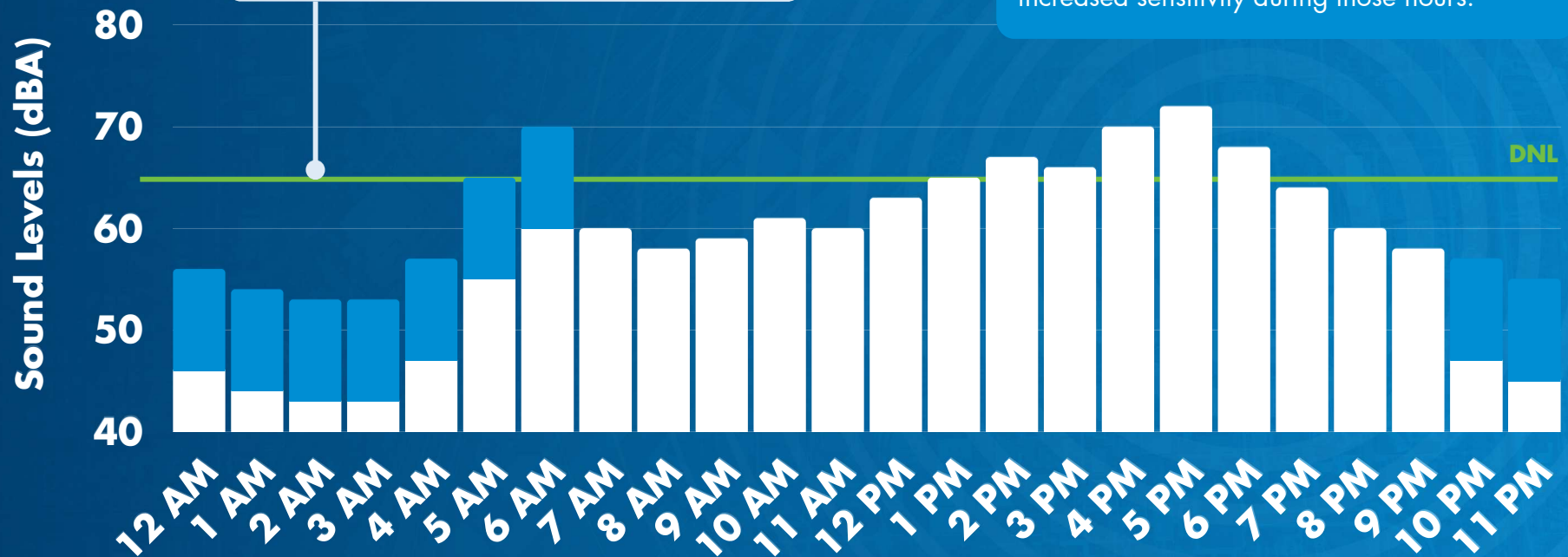
Noise Exposure Map (NEM) Update Process



Day-Night Average Sound Level (DNL) Metric

Day-Night Average Sound Level (DNL) 24-hour time weighted energy average noise level based on A-weighted decibels (dBA).

Noise events occurring during the nighttime hours (10:00 p.m. to 7:00 a.m.) are weighted with a 10-decibel weighting to represent increased sensitivity during those hours.



DNL

is calculated based on an "annual average day" (AAD) derived from aircraft operations data for an entire calendar year.



FAA requires use of the annual Day-Night Average Sound Level (DNL) noise metric.

Aircraft Activity Baseline and Forecast

Year	ITINERANT OPERATIONS				LOCAL OPERATIONS			Total Airport
	Air Taxi	General Aviation	Military	Total	General Aviation	Military	Total	
Existing Conditions 2024	16,088	42,870	151	59,109	26,171	275	26,446	85,555
Future Conditions 2030	19,177	47,311	151	66,639	30,360	275	30,635	97,274
Compound Annual Growth Rate	3.0%	1.7%	0.0	2.0%	2.5%	0.0%	2.5%	2.2%

SOURCE: Federal Aviation Administration, Operations Network, April 2025; Ricondo & Associates, Inc., April 2025

Key Forecast Approach and Findings

- FAA directed use of 2024 actual operations to define existing conditions for the NEM Update
- 2030 forecast will be re-based using Master Plan Update (MPU) growth rates
 - Socioeconomic forecasts align with the MPU projections.
 - MPU growth rates for user types (e.g., air taxi, GA) and operation types (itinerant, local) remain consistent
 - Recent increase in flight training activity (local ops) included in forecast
- Temporary Flight Restrictions are not expected to affect annual operations or noise levels by 2030 due to their short-term nature.



WE WOULD LIKE TO HEAR FROM YOU:

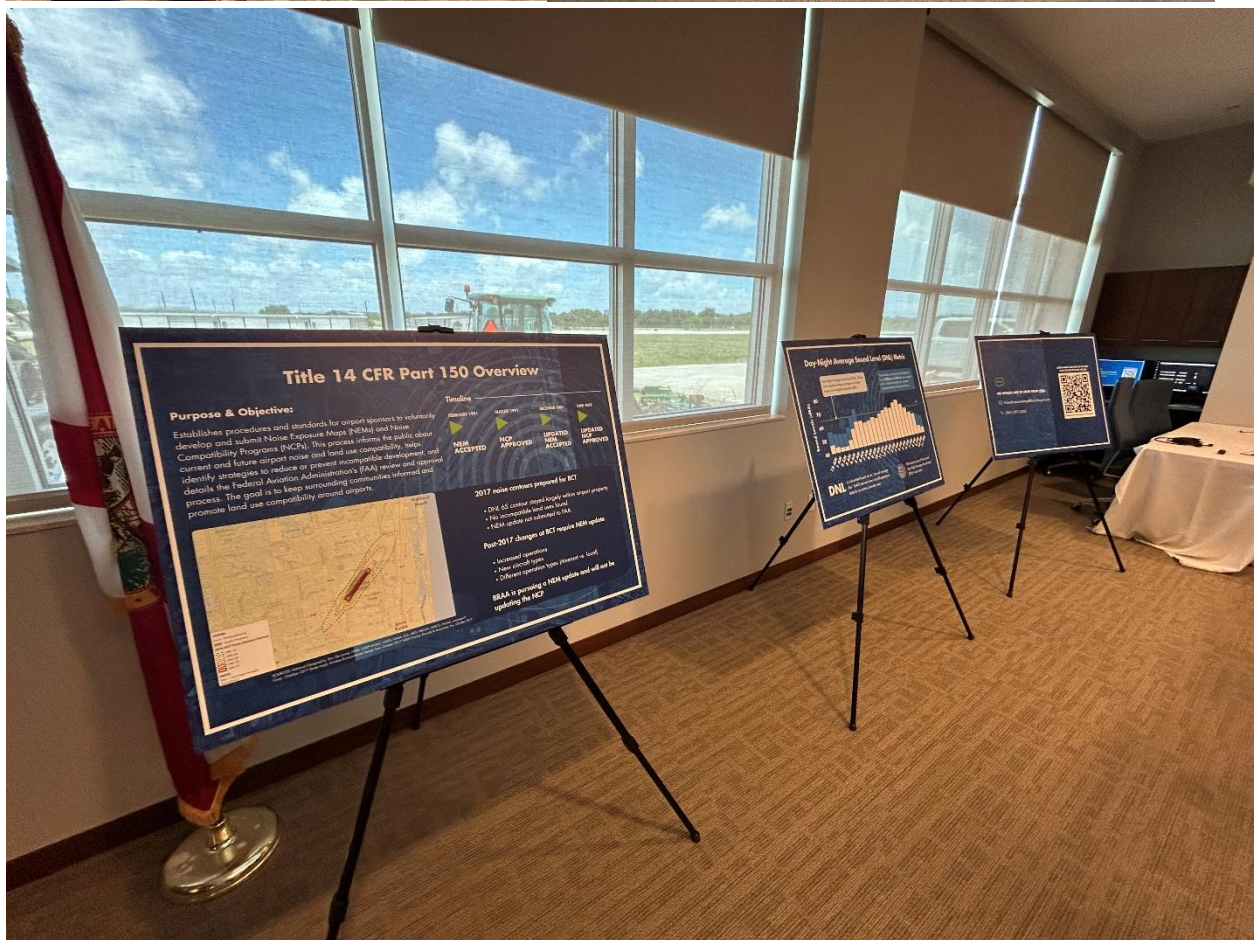
✉ NoiseExposureMap@BocaAirport.com

☎ (561) 391-2202

**LEARN MORE AND STAY UP TO DATE
SCAN THE QR OR VISIT THE URL**



Bocaairport.com/noise-exposure-map-update





APPENDIX E.2

Public Meeting #2

SUN-SENTINEL

Sold To:

Boca Raton Airport Authority - CU00563306
903 NW 35th St
Boca Raton, FL 33431-6410

Bill To:

Boca Raton Airport Authority - CU00563306
903 NW 35th St
Boca Raton, FL 33431-6410

Published Daily

**Fort Lauderdale, Broward County, Florida
Boca Raton, Palm Beach County, Florida
Miami, Miami-Dade County, Florida**

**State Of Florida
County Of Orange**

Before the undersigned authority personally appeared
Rose Williams, who on oath says that he or she is a duly authorized representative of the SUN- SENTINEL,
a DAILY newspaper published in BROWARD/PALM BEACH/MIAMI-DADE County, Florida; that the
attached copy of advertisement, being a Legal Notice in:

The matter of 11720-Notice of Public Meeting .
Was published in said newspaper by print in the issues of, and by publication on the
newspaper's website, if authorized on Oct 05, 2025
SSC_Notice of Public Meeting
Affiant further says that the newspaper complies with all legal requirements for
publication in Chapter 50, Florida Statutes.

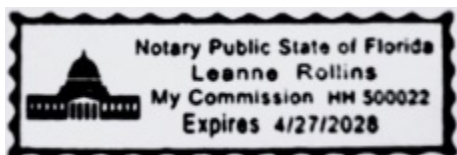


Signature of Affiant

Sworn to and subscribed before me this: October 06, 2025.



Signature of Notary Public



Name of Notary, Typed, Printed, or Stamped
Personally Known (X) or Produced Identification ()

Affidavit Delivery Method: E-Mail

Affidavit Email Address: rpratt@bocaairport.com
7878090

**NOTICE OF DRAFT NOISE EXPOSURE
MAPS AND NOTICE OF
PUBLIC MEETING
14 CFR PART 150
NOISE EXPOSURE MAP UPDATE
BOCA RATON AIRPORT**

The Boca Raton Airport Authority (BRAA) is conducting a Noise Exposure Maps (NEMs) Update to evaluate the noise compatibility of Boca Raton Airport (BCT) with the surrounding communities. This study follows the process outlined in Title 14 of the Code of Federal Regulations (CFR) Part 150, Airport Noise Compatibility Planning. This notice is to announce the availability of the draft NEMs for public review and comment starting on October 8, 2025. The draft NEMs and report will be available for download from the project website at: <https://bocaairport.com/noise-exposure-map-update/>. Printed copies of the draft NEMs and accompanying report will be available for review during normal hours (9:00 AM to 5:00 PM Eastern) at the locations listed below.

- Boca Raton Airport Authority Administration Building, 903 NW 35th Street, Boca Raton, FL
- Spanish River Library located at 1501 Spanish River Blvd, Boca Raton FL 33431.

The BRAA also invites you to attend a public meeting to review the draft NEMs and answer any questions or provide other input. At the meeting, attendees will be able to review the data used to develop the draft NEMs. Members of BRAA and its consultancy team will be available to answer questions and provide additional context. This portion of the meeting will give attendees the opportunity to engage directly with the study team, ask questions, and submit formal comments. For more information, please visit the study webpage: <https://bocaairport.com/noise-exposure-map-update/>

The public meeting will be held on the following date and at the following time:

DATE: Wednesday, October 22, 2025
TIME: 3:00 to 5:00 PM Eastern
LOCATION: Boca Raton Airport Authority Administration Building, 903 NW 35th Street, Boca Raton, FL

Any person with a disability requiring auxiliary aids or services to participate in this meeting may call Robert Pratt at 561-391-2202, with requests at least five business days before the meeting.
10/5/25 7878090

Notice of Draft Noise Exposure...

Notice of Draft Noise Exposure Maps and Notice of
Public Meeting
14 CFR Part 150
Noise Exposure Map Update
Boca Raton Airport

The Boca Raton Airport Authority (BRAA) is conducting a Noise Exposure Maps (NEMs) Update to evaluate the noise compatibility of Boca Raton Airport (BCT) with the surrounding communities. This study follows the process outlined in Title 14 of the Code of Federal Regulations (CFR) Part 150, Airport Noise Compatibility Planning. This notice is to announce the availability of the draft NEMs for public review and comment starting on October 8, 2025. The draft NEMs and report will be available for download from the project website at: <https://bocaairport.com/noise-exposure-map-update/>. Printed copies of the draft NEMs and accompanying report will be available for review during normal hours (9:00 AM to 5:00 PM Eastern) at the locations listed below.

- Boca Raton Airport Authority Administration Building, 903 NW 35th Street, Boca Raton, FL
- Spanish River Library located at 1501 Spanish River Blvd, Boca Raton FL 33431.

The BRAA also invites you to attend a public meeting to review the draft NEMs and answer any questions or provide other input. At the meeting, attendees will be able to review the data used to develop the draft NEMs. Members of BRAA and its consultancy team will be available to answer questions and provide additional context. This portion of the meeting will give attendees the opportunity to engage directly with the study team, ask questions, and submit formal comments. For more information, please visit the study webpage: <https://bocaairport.com/noise-exposure-map-update/>

The public meeting will be held on the following date and at the following time:

DATE: Wednesday, October 22, 2025

TIME: 3:00 to 5:00 PM Eastern

LOCATION: Boca Raton Airport Authority Administration Building, 903 NW 35th Street, Boca Raton, FL

Any person with a disability requiring auxiliary aids or services to participate in this meeting may call Robert Pratt at 561-391-2202, with requests at least five business days before the meeting.

10/5/25 7878090



[Home](#) [Airport Information](#) [Airport Authority](#) [Pilots](#) [Travelers](#) [Customs](#) [Noise Abatement](#) [Safety Management Systems](#) [News](#) [Contact](#)

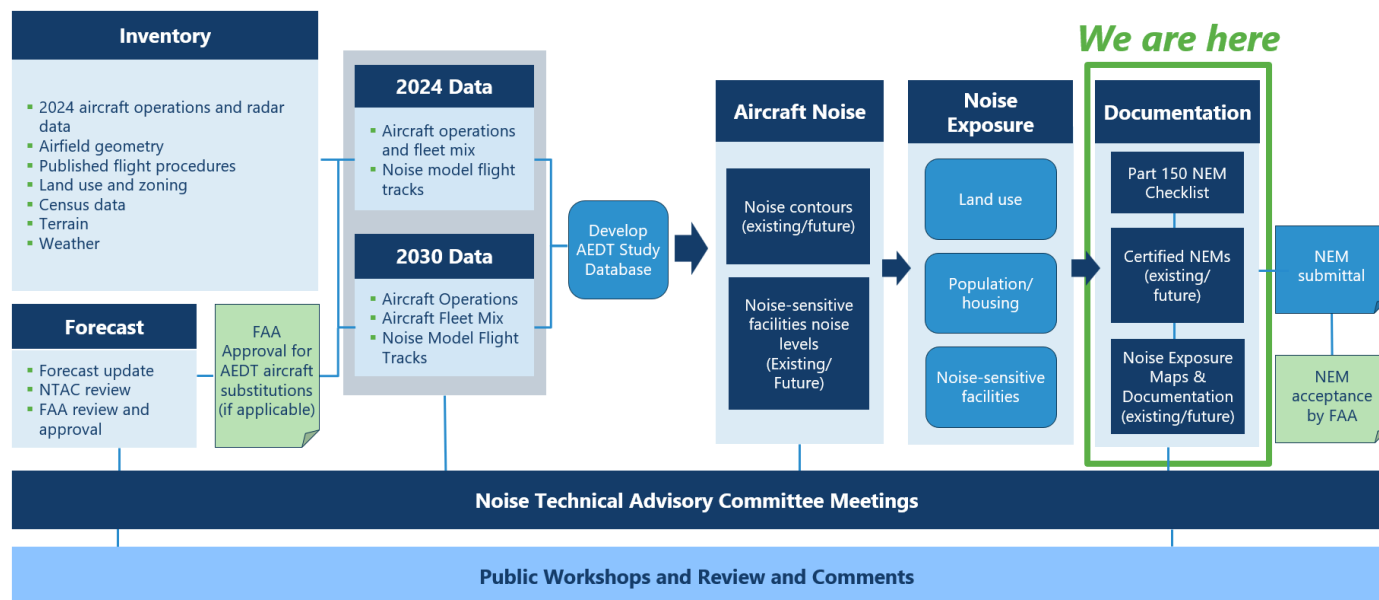


Noise Exposure Map Update

The Boca Raton Airport Authority (BRAA), along with Ricondo and Associates, has initiated a project to update the Boca Raton Airport Noise Exposure Map (NEM). This update will analyze the most recent annual aircraft operations and noise impacts to determine the levels of aviation related noise around the Airport, in accordance with federal guidelines. The last Federal Aviation Administration (FAA)-accepted Noise Exposure Map was completed in 2001 and updated noise contours were completed in 2017. This update aims to provide a current representation of noise exposure to assess land use compatibility in areas surrounding the Airport.

The NEM update process includes public meetings as well as the development of a Noise Technical Advisory Committee (NTAC) who will meet to discuss assumptions and inputs to the NEM Update and to gain input from community representatives and members. The materials presented at each public and NTAC meeting can be found on this webpage. A high-level overview of the NEM process is depicted below. *Please check this webpage periodically as updates regarding the NEM are posted as the project progresses.*

NEM Update Process



Draft Noise Exposure Maps

BRAA is accepting public comments on the draft NEMs and accompanying report. Links to the draft documents are provided below for public review and comment.

- Draft NEM Update Report (October 2025)
- Appendix A – Background Information on Noise
- Appendix B – Aircraft Activity Forecasts
- Appendix C – Operational Data
- Appendix D – Consultation and Correspondence
- Appendix E – Public Involvement
- Appendix F – Official Noise Exposure Maps

The BRAA is accepting public comments on the draft NEMs and accompanying report through November 6, 2025. All comments must be received by 5:00 P.M. Eastern. Members of the public are encouraged to share their feedback by email or mail.

By Email:

noiseexposuremap@bocaairport.com

By Mail:

Boca Raton Airport Authority
Administration Building
903 NW 35th Street
Boca Raton, FL

Printed copies of the draft NEMs and report are also available for public review during normal business hours (9:00 AM to 5:00 PM Eastern) at the following locations:

- Boca Raton Airport Authority Administration Building
903 NW 35th Street, Boca Raton, FL
- Spanish River Library
1501 Spanish River Blvd, Boca Raton, FL 33431

The BRAA also invites you to attend a public meeting on October 22, 2025, to review the draft NEMs and provide input. During the meeting, attendees will be able to:

- Review the data used to develop the draft NEMs
- Ask questions and engage with members of the BRAA and its consulting team
- Submit formal comments on the draft NEMs and report

More information about the public meeting is available on this webpage under "Public Outreach and NTAC Meetings."

BRAA encourages interested members of the public to attend the public meetings and to review the materials presented at the NTAC meetings. Interested individuals are encouraged to submit comments specific to the NEM Update. We believe that community involvement is crucial, and we welcome your insights and feedback. If you have any questions or would like to provide a comment on the project, please contact BRAA at noiseexposuremap@bocaairport.com or (561) 391-2202. All comments must be submitted in writing and will be submitted to the FAA for their review as part of this update.

Public Outreach and NTAC Meetings

The BRAA will hold two public meetings and three NTAC meetings over the course of the NEM Update. The public will have the opportunity to participate in each meeting and provide comments. Information on each meeting will be periodically posted on this webpage. We encourage interested individuals to check this webpage periodically for updates.

Any person with a disability requiring auxiliary aids or services to participate in a meeting may call Robert Pratt, Operations Coordinator at (561) 391-2202, with requests at least five business days before the meeting. Interpretation services are also available upon advanced request. To make arrangements for such services, please contact the study team at noiseexposuremap@bocaairport.com or (561) 391-2202 no less than five business days prior to the meeting.

Noise Technical Advisory Committee Meetings

TUE
21
OCT

NOISE TECHNICAL ADVISORY COMMITTEE MEETING

□ 1:00 pm □ Boca Raton Airport Authority Administrative Building
Event Type : Community Engagement, Public Outreach Meetings

In the third and final meeting, the Boca Raton Airport Authority will present a Noise Exposure Map Update report.

To download the first NTAC meeting presentation

[CLICK HERE](#)

To download the Second NTAC meeting presentation

[CLICK HERE](#)

One additional NTAC meeting will be held over the course of the NEM Update. The specific date and time of the meeting will be posted as is scheduled.

Public Outreach Meetings

WED
22
OCT

PUBLIC OPEN HOUSE

□ 1:00 pm □ Boca Raton Airport Authority Administrative Building
Event Type : Community Engagement, Public Outreach Meetings

WED
22
OCT**BOARD MEETING**

□ 5:00 pm □ Boca Raton Airport Authority Administrative Building

Event Type : Community Engagement, Public Outreach Meetings

The first public meeting was held in conjunction with a regular BRAA Board meeting and provided attendees with an overview of the 14 CFR Part 150 Study process, forecasting methodology, and preliminary data used to develop noise contours. Attendees were also able to provide comments for consideration in the development of the NEMs.

More Information

Aircraft Noise

For more information on aircraft noise, including the metrics used to describe noise and how it is measured, please visit the FAA's webpage at [FAA Noise](#). The FAA provides detailed explanations of various noise metrics, such as the decibel (dB) and the A-weighted decibel (dBA), which accounts for the intensity and frequency of sounds as perceived by the human ear. You can also learn about specific metrics like the Sound Exposure Level (SEL) and the Day-Night Average Sound Level (DNL), which help evaluate noise exposure and its impact over time. We invite you to explore these resources to gain a deeper understanding of how aircraft noise is assessed and managed.

Current Noise Abatement at BCT

For more information on current noise abatement and mitigation measures implemented at the Airport, please visit [Noise Abatement – Boca Raton Airport](#). BRAA staff work continuously to maintain good relations with federal and local agencies and community groups to ensure that demonstrate our commitment to being a good neighbor. This includes working with the community to address excessive aircraft noise. As described, the BRAA has introduced several noise abatement measures to ensure the Airport remains considerate of both quality-of-life concerns and the needs of the aviation community.

Airport Noise Compatibility Planning (14 CFR Part 150)

For more information on Part 150, please visit FAA's webpage at [Airport Noise Compatibility Planning \(14 CFR Part 150\)](#). This webpage provides comprehensive information on airport noise compatibility planning under Part 150 and Part 161 regulations. It includes guidelines, checklists, and policies for noise mitigation, compatibility planning, and noise exposure maps.



Located in the beautiful City of Boca Raton, the Boca Raton Airport is one of the premier general aviation facilities in Florida. Situated off of I-95, midway between West Palm Beach and Ft. Lauderdale, the Airport's convenient location puts you just minutes from business centers and beaches.

 **Accessibility Information**

Recent News

Annual Report

FAA Southern Region Aviation Safety Award Win

Boca Raton Airport Celebrates Grand Opening of New Observation Area

Boca Raton Airport Authority Collects Most Toys in Airport History during 8th Annual U.S. Marines Toys for Tots Drive

Boca Raton Airport Authority Concludes 75th Anniversary Celebrations with

Contact Us

Boca Raton Airport Authority
903 NW 35th Street
Boca Raton, Florida 33431
Tel: 561.391.2202
Fax: 561.391.2238
airportauthority@bocaairport.com

Hours of Operation:
Monday - Friday | 8:00a - 4:30p

PB County: Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

Important Links

Boca Raton Airport's 75th Anniversary

Airport Authority

Drone Procedures

Customs & Border Protection

TFR and Important Updates

Career Opportunities



**ACCEPTING
PUBLIC COMMENTS**
UNTIL NOV. 6, 2025

**BOCA RATON AIRPORT
NOISE EXPOSURE MAP UPDATE**

The Boca Raton Airport Authority (BRAA), along with Ricondo and Associates, has initiated a project to update the Boca Raton Airport Noise Exposure Map (NEM). The NEM update analyzes aviation-related noise exposure surrounding the airport. This update also outlines the process and federal regulations required by the Federal Aviation Administration (FAA).

The last FAA-accepted Noise Exposure Map was completed in 2001 and the last updated noise contours were completed in 2017. This update aims to provide a current representation of noise exposure to assess land use compatibility in areas surrounding the airport.

The BRAA is accepting public comments on the draft NEMs and accompanying report through November 6, 2025. All comments must be received by 5:00 P.M. Eastern Time. Members of the public are encouraged to share their feedback by email or mail.

By Email:
noiseexposuremap@bocaairport.com

By Mail:
Boca Raton Airport Authority
Administration Building
903 NW 35th Street
Boca Raton, FL

NEM UPDATE DETAILS

 **NOISE TECHNICAL ADVISORY COMMITTEE (NTAC)**
The NEM update process involved establishing a Noise Technical Advisory Committee (NTAC). The NTAC committee met to discuss the assumptions and inputs related to the NEM Update, while also gathering feedback from community representatives and members.

 **PUBLIC OUTREACH AND NTAC MEETINGS**
Extensive study and public outreach were conducted as part of the NEM update. The BRAA held public meetings and NTAC meetings over the course of the NEM Update. The public has had the opportunity to participate in each meeting and provide comments.

 **NEARING SUBMISSION TO THE FAA**
The NEM update is nearing submission to the FAA and the draft documents are now live on the website for public review. Scan the QR code to read the draft documents or visit bocaairport.com/noise-exposure-map-update

**SCAN TO READ THE DRAFT
NEM UPDATE DOCUMENTS**



Printed copies of the draft NEM update documents are also available during business hours at the Boca Raton Airport Authority Administration Building and at the Spanish River Library.

FOLLOW US

 [@BocaAirport](https://www.facebook.com/BocaAirport)  [@AirportBoca](https://twitter.com/AirportBoca)  [boca-raton-airport-authority](https://www.instagram.com/boca-raton-airport-authority)  [BocaRatonAirport6358](https://www.youtube.com/BocaRatonAirport6358)





Home

About

Posts

Jobs

People

Insights

**Boca Raton Airport Authority**

701 followers

3h • Edited •

You're Invited!

The Boca Raton Airport Authority is hosting a

...more

YOU ARE INVITEDNoise Exposure Map Update:
Public Open House**October 22nd, 2025 at 1:00 pm****Boca Raton Airport Authority Administration Building**
903 NW 35th St, Boca Raton, FL 33431

Home



Video



My Network



Notifications



Jobs

7:28

20



Posts
bocaairport



bocaairport



YOU ARE INVITED



Noise Exposure Map Update:
Public Open House

October 22nd, 2025 at 1:00 pm

Boca Raton Airport Authority Administration Building
903 NW 35th St, Boca Raton, FL 33431



bocaairport You're Invited!

The Boca Raton Airport Authority is hosting a Noise... more
3 hours ago



7:23

**Boca Raton Airport**

4h · 🌐

**You're Invited!**

The Boca Raton Airport Authority is hosting a Noise Exposure Map Update Public Open House on Wednesday, October 22, at 1:00 pm in the Boca Raton Airport Authority Administrative Building. This is your opportunity to learn about the latest noise data, review proposed updates, ask questions, and share your input to help shape the future of airport operations and noise management.

Your feedback is important to us. Together, we can work toward a balanced approach that keeps Boca Raton Airport safe, efficient, and considerate to the surrounding community.

Learn more at <https://bit.ly/3KFKyJu>

YOU ARE INVITED

Noise Exposure Map Update:
Public Open House

October 22nd, 2025 at 1:00 pm

Boca Raton Airport Authority Administration Building
903 NW 35th St, Boca Raton, FL 33431



Write a comment...



(October 22, 2025)

[illegible]



NOISE EXPOSURE MAP UPDATE
PUBLIC MEETING

Title 14 CFR Part 150 Overview

Purpose & Objective:

Establishes procedures and standards for airport sponsors to voluntarily develop and submit Noise Exposure Maps (NEMs) and Noise Compatibility Programs (NCPs). This process informs the public about current and future airport noise and land use compatibility, helps identify strategies to reduce or prevent incompatible development, and details the Federal Aviation Administration's (FAA) review and approval process. The goal is to keep surrounding communities informed and promote land use compatibility around airports.

Timeline

FEBRUARY 1991



**NEM
ACCEPTED**

AUGUST 1991



**NCP
APPROVED**

DECEMBER 2001

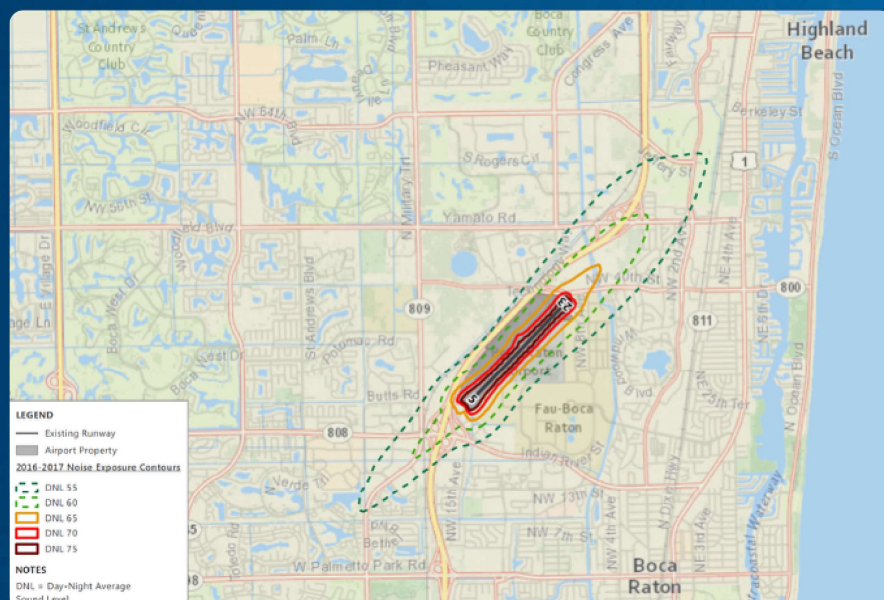


**UPDATED
NEM
ACCEPTED**

JUNE 2002



**UPDATED
NCP
APPROVED**



2017 noise contours prepared for BCT

- DNL 65 contour stayed largely within airport property
- No incompatible land uses found
- NEM update not submitted to FAA

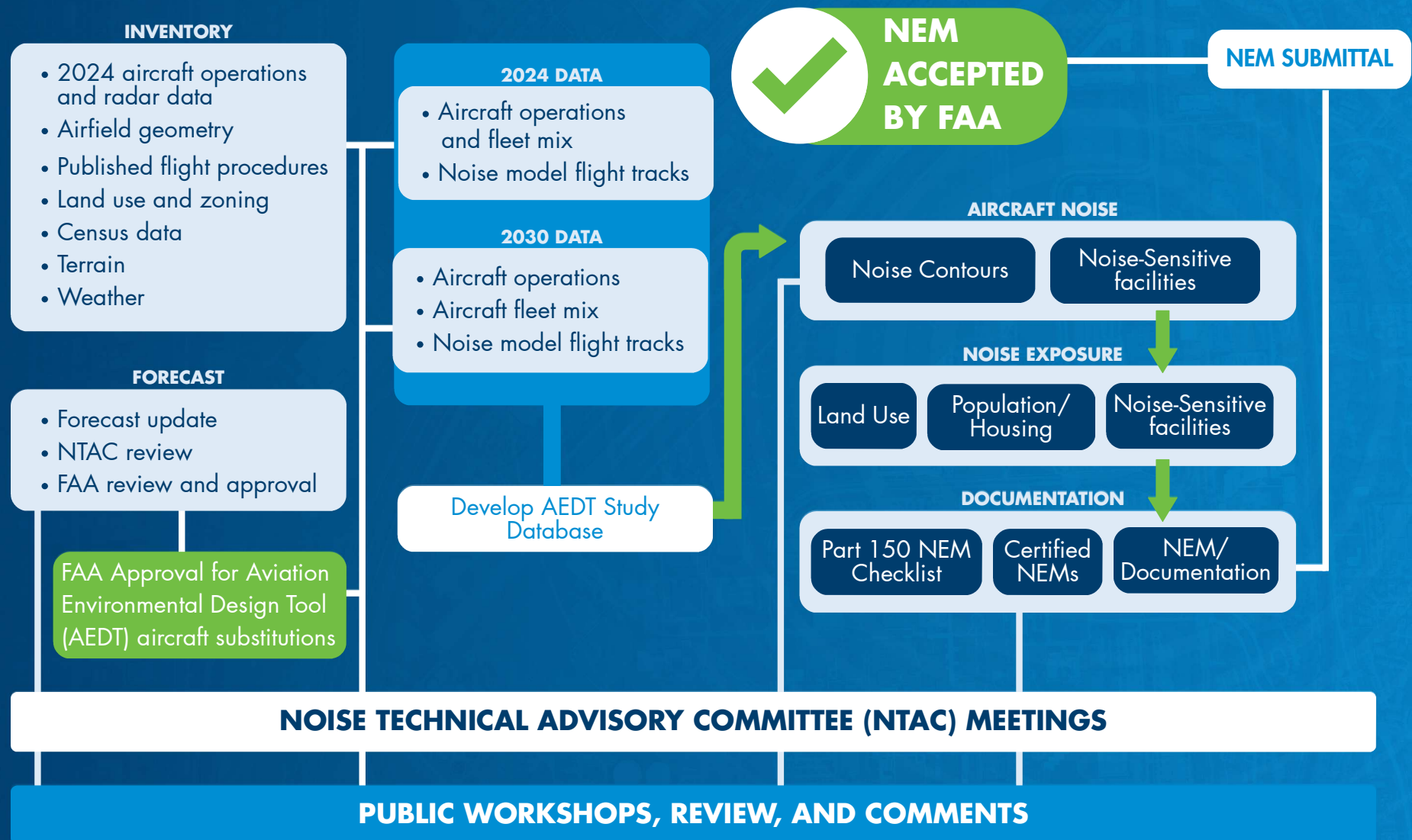
Post-2017 changes at BCT require NEM update

- Increased operations
- New aircraft types
- Different operation types (itinerant vs. local)

BRAA is pursuing a NEM update and will not be updating the NCP

SOURCES: National Geographic, Esri, De Lorme, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp., October 2017 (base map); Aviation Environmental Design Tool, October 2017 (AEDT Tracks); Ricondo & Associates, Inc., October 2017.

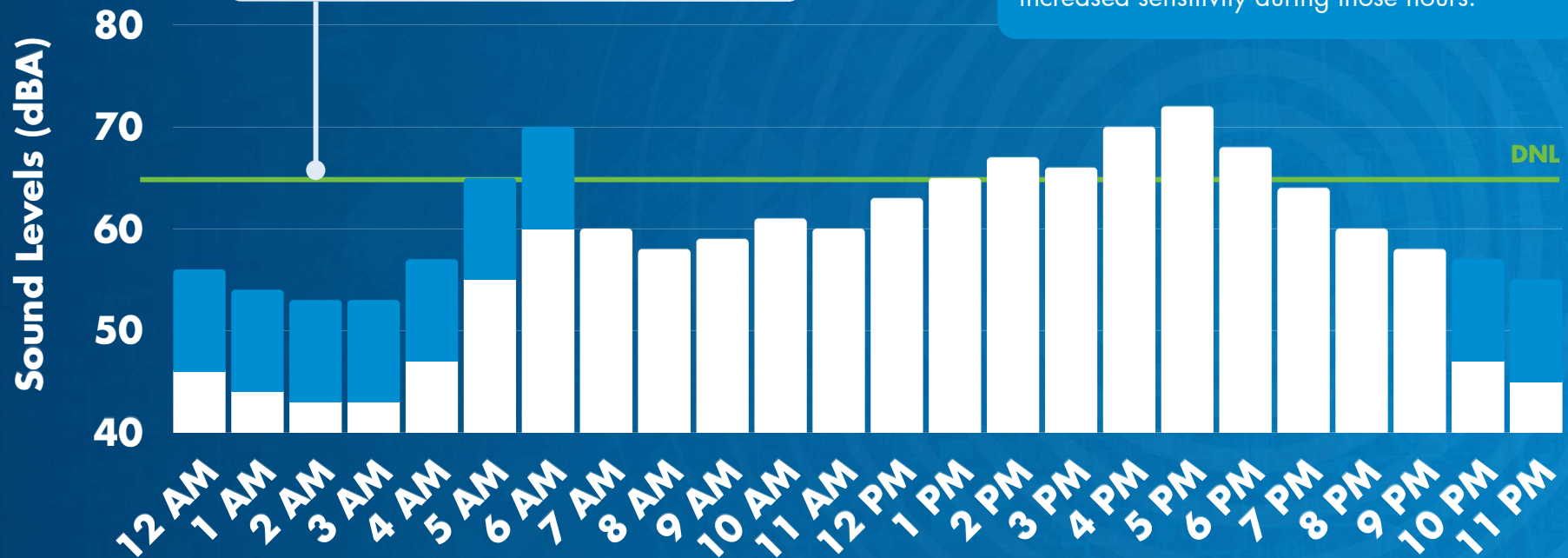
Noise Exposure Map (NEM) Update Process



Day-Night Average Sound Level (DNL) Metric

Day-Night Average Sound Level (DNL) 24-hour time weighted energy average noise level based on A-weighted decibels (dBA).

Noise events occurring during the nighttime hours (10:00 p.m. to 7:00 a.m.) are weighted with a 10-decibel weighting to represent increased sensitivity during those hours.



DNL

is calculated based on an "annual average day" (AAD) derived from aircraft operations data for an entire calendar year.



FAA requires use of the annual Day-Night Average Sound Level (DNL) noise metric.

Aircraft Activity Baseline and Forecast

Year	ITINERANT OPERATIONS				LOCAL OPERATIONS			Total Airport
	Air Taxi	General Aviation	Military	Total	General Aviation	Military	Total	
Existing Conditions 2024	16,088	42,870	151	59,109	26,171	275	26,446	85,555
Future Conditions 2030	19,177	47,311	151	66,639	30,360	275	30,635	97,274
Compound Annual Growth Rate	3.0%	1.7%	0.0	2.0%	2.5%	0.0%	2.5%	2.2%

SOURCE: Federal Aviation Administration, Operations Network, April 2025; Ricondo & Associates, Inc., April 2025

Key Forecast Approach and Findings

- FAA directed use of 2024 actual operations to define existing conditions for the NEM Update
- 2030 forecast will be re-based using Master Plan Update (MPU) growth rates
 - Socioeconomic forecasts align with the MPU projections.
 - MPU growth rates for user types (e.g., air taxi, GA) and operation types (itinerant, local) remain consistent
 - Recent increase in flight training activity (local ops) included in forecast
- Temporary Flight Restrictions are not expected to affect annual operations or noise levels by 2030 due to their short-term nature.

Percentage of Airport Operations by Time of Day: Existing and Future Conditions

ARRIVALS				DEPARTURES			TOUCH AND GO			
Aircraft Category	Day ¹	Night ²	Total	Day ¹	Night ²	Total	Day ¹	Night ²	Total	Total
2025 EXISTING CONDITIONS										
Jet	18.0%	1.2%	19.3%	18.5%	0.8%	19.3%	0.4%	0.1%	0.5%	39.0%
Turbopop	2.0%	0.1%	2.1%	2.0%	0.1%	2.1%	0.2%	0.1%	0.4%	4.7%
Piston	11.8%	0.9%	12.7%	12.0%	0.7%	12.7%	28.7%	1.3%	30.0%	55.4%
Helicopter	0.5%	<0.0%	0.5%	0.5%	<0.0%	0.5%	-	-	-	1.0%
Total	32.3%	2.3%	34.6%	32.9%	1.7%	34.6%	29.4%	1.5%	30.8%	100.0%
2030 FUTURE CONDITIONS										
Jet	18.1%	1.2%	19.4%	18.6%	0.8%	19.4%	0.4%	0.1%	0.5%	39.2%
Turbopop	2.0%	0.1%	2.1%	2.0%	0.1%	2.1%	0.2%	0.1%	0.4%	4.6%
Piston	11.4%	0.9%	12.3%	11.6%	0.7%	12.3%	29.3%	1.3%	30.6%	55.3%
Helicopter	0.4%	<0.0%	0.5%	0.5%	<0.0%	0.5%	-	-	-	1.0%
Total	32.0%	2.3%	34.3%	32.7%	1.6%	34.3%	29.9%	1.5%	31.4%	100.0%

NOTES: An aircraft operation is equivalent to one arrival/landing or one departure/takeoff. Due to rounding, the percentages above may vary slightly from the totals.

1 Operations occurring between 7:00 a.m. and 9:59 p.m.

2 Operations occurring between 10:00 p.m. and 6:59 a.m.

SOURCES: Boca Raton Airport Authority, Aircraft Noise Monitoring System, Aircraft Radar and Flight Header Data for CY2024 (aircraft types); Boca Raton Airport Traffic Control Tower Operations Log; Federal Aviation Administration, Traffic Flow Management System Counts, <http://aspm.faa.gov/> (aircraft types; accessed January 14, 2025). Ricondo & Associates, Inc., July 2025 (analysis and forecast).

See Section 4 of the Draft NEM Update Report for more information

Aircraft Fleet Mix and Runway Use: Existing and Future Conditions

RUNWAY USE						
Aircraft Category	DAY ¹			NIGHT ²		
	Runway 5	Runway 23	Total	Runway 5	Runway 23	Total
Arrivals	72.8%	20.5%	93.3%	5.0%	1.7%	6.7%
Departures	74.6%	20.6%	95.2%	3.7%	1.0%	4.8%
Touch and Go	75.8%	19.5%	95.3%	3.6%	1.1%	4.7%
Total	74.4%	20.2%	94.6%	4.1%	1.3%	5.4%

NOTES: Values may not add to 100 percent due to rounding.

¹ DAY = 7:00 a.m. to 9:59 p.m.

² NIGHT = 10:00 p.m. to 6:59 a.m.

SOURCES: Ricondo & Associates, Inc., January 2023; Boca Raton Airport Authority, Aircraft Noise Monitoring System, Aircraft Radar and Flight Header Data, date obtained January 10, 2024 (2024 operations); Ricondo & Associates, Inc., August 2023 (analysis and forecast).

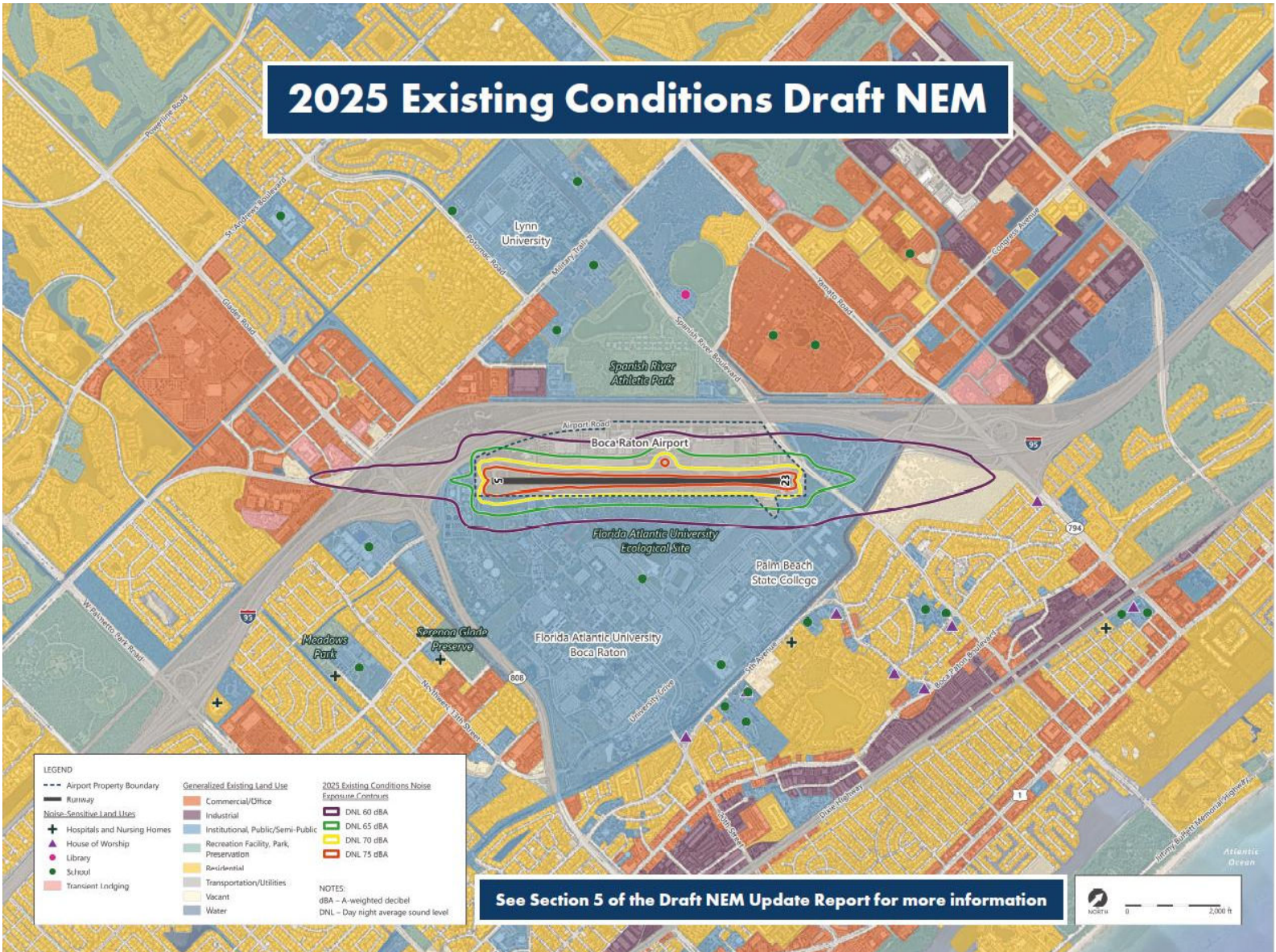
[No Title]

AIRCRAFT FLEET MIX		
Aircraft Category	2025 Share of Fleet	2030 Share of Fleet
Jet	39.0%	39.2%
Turboprop	4.7%	4.6%
Piston	55.4%	55.3%
Helicopter	1.0%	1.0%
Total	100%	100%

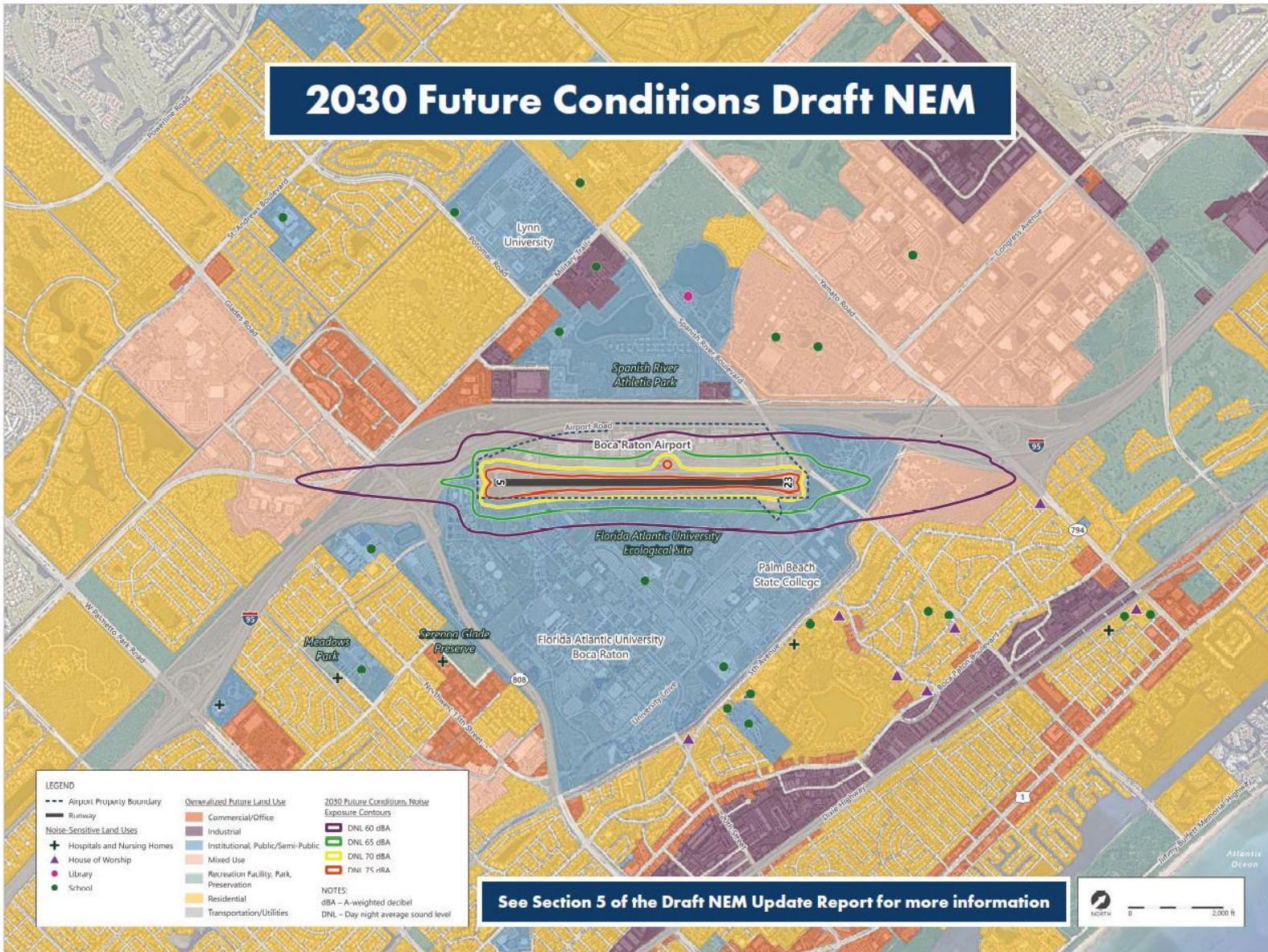
SOURCES: Boca Raton Airport Authority, Aircraft Noise Monitoring System, Aircraft Radar and Flight Header Data for CY2024 (aircraft types); Boca Raton Airport Traffic Control Tower Operations Log; Federal Aviation Administration, Traffic Flow Management System Counts, <http://aspm.faa.gov/> (aircraft types; accessed January 14, 2023). Ricondo & Associates, Inc., July 2023 (analysis and forecast).

See Section 4 of the Draft NEM Update Report for more information

2025 Existing Conditions Draft NEM



2030 Future Conditions Draft NEM





WE WOULD LIKE TO HEAR FROM YOU:

✉ NoiseExposureMap@BocaAirport.com

☎ (561) 391-2202

**LEARN MORE AND STAY UP TO DATE
SCAN THE QR OR VISIT THE URL**



Bocaairport.com/noise-exposure-map-update





APPENDIX E.3

Public Comments

From: Zachary Fein <fein.zachary@gmail.com>

Sent: Wednesday, October 22, 2025 11:28

To: Noise Exposure Map <noiseexposuremap@bocaairport.com>; Airport Authority <airportauthority@bocaairports.onmicrosoft.com>

Subject:

Hello Boca Raton Airport Noise Office,

I'm a homeowner at 22740 Bella Rita Cir, Boca Raton 33433. We experience frequent aircraft overflights, and I'm trying to understand our eligibility for mitigation.

1. Based on the upcoming Noise Exposure Map (NEM) update, can you confirm whether our property is inside or near the 65 DNL contour?
2. Is the Airport planning any residential sound insulation program following the NEM update? If so, please share timeline, participation criteria, and any waitlist process.
3. Please add me to any email list for NEM public meetings and FAA milestones.
4. If no program is planned, do you have recommended construction specs (e.g., laminated/asymmetric glazing, door/ceiling assemblies) that align with your noise goals?

Thank you for your help, and for confirming the best point of contact.

Best,
Zach Fein