



CITY OF  
**FORT LAUDERDALE**

**AVIATION ADVISORY BOARD  
 FORT LAUDERDALE EXECUTIVE AIRPORT  
 ADMINISTRATIVE OFFICE - MULTIPURPOSE ROOM  
 6000 NW 21 AVENUE, FORT LAUDERDALE, FLORIDA  
 THURSDAY, JULY 24, 2014, 1:30 P.M.**

<b>Board Members</b>	<b>Attendance</b>	<b>Cumulative Attendance</b>	
		<b>7/13 through 6/14 Present</b>	<b>Absent</b>
Ron Carlson	P	1	0
Jeffrey Fauer	P	1	0
Michael J. Grimmé	P (via telephone)	1	0
Linda Iversen, Chair	P	1	0
Patrick Kerney	A	0	1
Ed Kwoka	P	1	0
Tom Moody	P	1	0
Stephen O'Malley, Vice Chair	P	1	0
Dana Pollitt	P	1	0
Mark Volchek	P	1	0
Pamela Bushnell, Commissioner	P	1	0
City of Tamarac [non-voting]			
Jeff Helyer, City of Oakland Park [non-voting]	P	1	0

**Airport Staff**

Diana Alarcon, Transportation and Mobility Director  
 Julie Leonard, Transportation and Mobility Deputy Director  
 Rufus James, Assistant Airport Manager  
 Fernando Blanco, Airport Engineer  
 Florence Straugh, Acting Assistant Airport Manager  
 Scott Kohut, Airport Operations Supervisor  
 Karen Reese, Airport Business Outreach & FTZ Administrator  
 Diana McDowell, Administrative Assistant II  
 Denise Greenstein, Administrative Aide  
 Angelia Basto, Senior Accounting Clerk

**Guest Speakers**

Ted Baldwin, Harris Miller, Miller and Hanson Inc.  
 Robert C. Mentzer Jr., Harris Miller, Miller and Hanson Inc.

**CALL TO ORDER**

Chair Iversen called the meeting to order at 1:33 p.m.

**1. Roll Call**

Roll was called and it was determined a quorum was present.

**2. Telephonic Participation vote for Michael Grimmé.**

Mr. Grimmé's telephonic participation was approved by consensus.

**VOTING ITEMS**

**1. Election of Chair**

**Motion** was made by Mr. Carlson and seconded by Vice Chair O'Malley to re-elect Chair Iversen as Chair. In a voice vote, motion passed unanimously.

**2. Election of Vice Chair**

**Motion** was made by Mr. Carlson and seconded by Mr. Pollitt to re-elect Vice Chair O'Malley. In a voice vote, motion passed unanimously.

**3. Approve Minutes of June 26, 2014 Meeting**

**Motion** was made by Mr. Fauer and seconded by Vice Chair O'Malley to approve the minutes. In a voice vote, motion passed unanimously.

**4. Approve Minutes of June 30, 2014 Meeting**

**Motion** was made by Mr. Fauer and seconded by Vice Chair O'Malley to approve the minutes. In a voice vote, motion passed unanimously.

**5. RFQ 946-11333 – Consultant Competitive Negotiations Act (CCNA) General Aviation Consultant Services – Contract Agreement**

Mr. Pollitt informed the board he has a conflict of interest and would abstain from voting (conflict of interest form attached).

Staff recommended that the Board support the City approval of the hourly rates for HDR, Inc. and enter into a contract with HDR, Inc., to serve as the Airport's General Aviation Consultant for a period of up to two (2) years with two one (1) year renewal options. Task orders will be brought back to the Board and City Commission on a project-by-project basis as funding is determined.

**Motion** was made by Vice Chair O'Malley and seconded by Mr. Volchek to approve the staff recommendation. Motion passed (7-0 and 1 abstained).

**6. Airfield Electrical Rehabilitation – Project No. 11997 - Joint Participation Agreement with Florida Department of Transportation**

Staff recommended that the JPA be supported by the Board for the City to accept \$464,000 from FDOT for up to 80% of the project costs for providing design and construction services

**Motion** was made by Mr. Fauer and seconded by Vice Chair O'Malley to approve the staff recommendation. In a voice vote, motion passed unanimously.

**7. Master Plan Update – Project No. 12070 - Joint Participation Agreement with Florida Department of Transportation**

Staff recommended that the JPA be supported by the Board for the City to accept \$400,000 from the FDOT for up to 80% of the project costs for developing a Master Plan Update for FXE.

**Motion** was made by Mr. Volchek and seconded by Mr. Fauer to approve the staff recommendation. In a voice vote, motion passed unanimously.

**8. Termination of Lease Agreement Parcel 8D Performance Trading Inc.**

Staff recommended that the City Commission authorizes the City Manager to terminate the lease for Parcel 8D with Performance Trading, Inc. in accordance with Paragraph 16 of the lease. Staff shall work with the City Attorney's Office to pursue available legal remedies.

Mr. Moody informed the board he has a conflict of interest and would abstain from voting (conflict of interest form attached)

**Motion** was made by Mr. Kwoka and seconded by Mr. Carlson to approve the staff recommendation. Motion failed (0-7 and 1 abstained).

**UPDATE ITEMS**

**A. Noise Compatibility Program**

Ms. Straugh provided an update.

**B. Development and Construction**

Mr. Kohut provided an update.

**C. Arrearages**

Ms. McDowell provided an update.

**D. Communications to the City Commission**

The Board had nothing to communicate to the City Commission.

**E. FLL Update**

Ms. Straugh provided an update.

**F. FLL Update**

A Noise Exposure Map Update presentation was provided by Ted Baldwin & Robert C. Mentzer Jr. from Harris Miller Miller and Hanson (see attached).

**Other Items and Information**

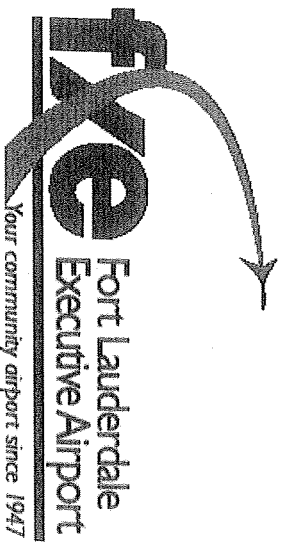
There being no further business before the Board, the meeting adjourned at 2:50 p.m.

➤ Next scheduled meeting: August 28, 2014 – 1:30 p.m.

[Minutes prepared by Denise Greenstein, Administrative Aide]

**PLEASE NOTE:**

If a person decides to appeal any decision made with respect to any matter considered at this public meeting or hearing, he/she will need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.



# AVIATION ADVISORY BOARD

July 24, 2014

Sign-In Sheet

Name	Address	HOA/Organization	Phone/Fax	E-mail Address
Tito Mainardi	Tito@Waviction.net	WAviation/Windsor	954481099	
Winston Carmick	BCADs - A/As	BCADs - A/As	954 358-6151	Wcarmick@stjohns.com
Daryl Schneider	HDR 3250 W Comm,	HDR	954-233-4919	dschneid@hdrinc.com
Darren Anderson	Palm Aire	Citizen		darren.anderson14@gmail.com
George Lowell	Palm Aire	Citizen	954-625-4036	g.lowell191@gmail.com
Ted Brannon	HMMH	HMMH	7812290707	HalBrannon@hmmh.com
Robert Mertz	HMMH	HMMH	7812290707	rmertz@hmmh.com
Craig Huston	Baird		954413170	CHUSTON@BAIRD.COM

PLEASE PRINT

NAME: Patrick Sullivan  
STREET ADDRESS: 2500 West Cypress Creek  
CITY: Ft Lauderdale

SPEAKING ON REQUESTOR'S BEHALF:  YES  NO

REQUESTOR: DESIGNATED REPRESENTATIVE OF:

Performance Trading

SUPPORTS OR  OPPOSES OR  NEUTRAL

AGENDA ITEM # 8

# FORM 8B MEMORANDUM OF VOTING CONFLICT FOR COUNTY, MUNICIPAL, AND OTHER LOCAL PUBLIC OFFICERS

LAST NAME—FIRST NAME—MIDDLE NAME <b>MOODY TOM</b>	NAME OF BOARD, COUNCIL, COMMISSION, AUTHORITY, OR COMMITTEE <b>Aviation Advisory Board</b>
MAILING ADDRESS <b>1939 Tyler St.</b>	THE BOARD, COUNCIL, COMMISSION, AUTHORITY OR COMMITTEE ON WHICH I SERVE IS A UNIT OF:
CITY COUNTY <b>Hollywood FL Broward</b>	<input type="checkbox"/> CITY <input type="checkbox"/> COUNTY <input type="checkbox"/> OTHER LOCAL AGENCY
DATE ON WHICH VOTE OCCURRED	NAME OF POLITICAL SUBDIVISION: MY POSITION IS:
	<input type="checkbox"/> ELECTIVE <input type="checkbox"/> APPOINTEE

## WHO MUST FILE FORM 8B

This form is for use by any person serving at the county, city, or other local level of government on an appointed or elected board, council, commission, authority, or committee. It applies to members of advisory and non-advisory bodies who are presented with a voting conflict of interest under Section 112.3143, Florida Statutes.

Your responsibilities under the law when faced with voting on a measure in which you have a conflict of interest will vary greatly depending on whether you hold an elective or appointive position. For this reason, please pay close attention to the instructions on this form before completing and filing the form.

## INSTRUCTIONS FOR COMPLIANCE WITH SECTION 112.3143, FLORIDA STATUTES

A person holding elective or appointive county, municipal, or other local public office **MUST ABSTAIN** from voting on a measure which would inure to his or her special private gain or loss. Each elected or appointed local officer also **MUST ABSTAIN** from knowingly voting on a measure which would inure to the special gain or loss of a principal (other than a government agency) by whom he or she is retained (including the parent, subsidiary, or sibling organization of a principal by which he or she is retained); to the special private gain or loss of a relative; or to the special private gain or loss of a business associate. Commissioners of community redevelopment agencies (CRAs) under Sec. 163.356 or 163.357, F.S., and officers of independent special tax districts elected on a one-acre, one-vote basis are not prohibited from voting in that capacity.

For purposes of this law, a "relative" includes only the officer's father, mother, son, daughter, husband, wife, brother, sister, father-in-law, mother-in-law, son-in-law, and daughter-in-law. A "business associate" means any person or entity engaged in or carrying on a business enterprise with the officer as a partner, joint venturer, coowner of property, or corporate shareholder (where the shares of the corporation are not listed on any national or regional stock exchange).

\* \* \* \* \*

### ELECTED OFFICERS:

In addition to abstaining from voting in the situations described above, you must disclose the conflict:

PRIOR TO THE VOTE BEING TAKEN by publicly stating to the assembly the nature of your interest in the measure on which you are abstaining from voting; *and*

WITHIN 15 DAYS AFTER THE VOTE OCCURS by completing and filing this form with the person responsible for recording the minutes of the meeting, who should incorporate the form in the minutes.

\* \* \* \* \*

### APPOINTED OFFICERS:

Although you must abstain from voting in the situations described above, you are not prohibited by Section 112.3143 from otherwise participating in these matters. However, you must disclose the nature of the conflict before making any attempt to influence the decision, whether orally or in writing and whether made by you or at your direction.

**IF YOU INTEND TO MAKE ANY ATTEMPT TO INFLUENCE THE DECISION PRIOR TO THE MEETING AT WHICH THE VOTE WILL BE TAKEN:**

- You must complete and file this form (before making any attempt to influence the decision) with the person responsible for recording the minutes of the meeting, who will incorporate the form in the minutes. (Continued on page 2)

**APPOINTED OFFICERS (continued)**

- A copy of the form must be provided immediately to the other members of the agency.
- The form must be read publicly at the next meeting after the form is filed.

IF YOU MAKE NO ATTEMPT TO INFLUENCE THE DECISION EXCEPT BY DISCUSSION AT THE MEETING:

- You must disclose orally the nature of your conflict in the measure before participating.
- You must complete the form and file it within 15 days after the vote occurs with the person responsible for recording the minutes of the meeting, who must incorporate the form in the minutes. A copy of the form must be provided immediately to the other members of the agency, and the form must be read publicly at the next meeting after the form is filed.

**DISCLOSURE OF LOCAL OFFICER'S INTEREST**

I, Tom Moody, hereby disclose that on 7/24, 20 14:

(a) A measure came or will come before my agency which (check one or more)

- inured to my special private gain or loss;
- inured to the special gain or loss of my business associate, \_\_\_\_\_;
- inured to the special gain or loss of my relative, \_\_\_\_\_;
- inured to the special gain or loss of \_\_\_\_\_, by whom I am retained; or
- inured to the special gain or loss of \_\_\_\_\_, which is the parent subsidiary, or sibling organization or subsidiary of a principal which has retained me.

(b) The measure before my agency and the nature of my conflicting interest in the measure is as follows:

Not sure if conflict exist but ~~to~~ want to notify board I do know Mr. Sullivan personally. ~~I have no business dealing with him.~~

If disclosure of specific information would violate confidentiality or privilege pursuant to law or rules governing attorneys, a public officer, who is also an attorney, may comply with the disclosure requirements of this section by disclosing the nature of the interest in such a way as to provide the public with notice of the conflict.

Date Filed 7/24/14

Signature [Handwritten Signature]

NOTICE: UNDER PROVISIONS OF FLORIDA STATUTES §112.317, A FAILURE TO MAKE ANY REQUIRED DISCLOSURE CONSTITUTES GROUNDS FOR AND MAY BE PUNISHED BY ONE OR MORE OF THE FOLLOWING: IMPEACHMENT, REMOVAL OR SUSPENSION FROM OFFICE OR EMPLOYMENT, DEMOTION, REDUCTION IN SALARY, REPRIMAND, OR A CIVIL PENALTY NOT TO EXCEED \$10,000.

Item # 8



# FORM 8B MEMORANDUM OF VOTING CONFLICT FOR COUNTY, MUNICIPAL, AND OTHER LOCAL PUBLIC OFFICERS

LAST NAME—FIRST NAME—MIDDLE NAME Pollock Danny Lee	NAME OF BOARD, COUNCIL, COMMISSION, AUTHORITY, OR COMMITTEE Awarter Advisory Board
MAILING ADDRESS 2148 NE 6th St	THE BOARD, COUNCIL, COMMISSION, AUTHORITY OR COMMITTEE ON WHICH I SERVE IS A UNIT OF: <input checked="" type="checkbox"/> CITY <input type="checkbox"/> COUNTY <input type="checkbox"/> OTHER LOCAL AGENCY
CITY COUNTY Fort Lauderdale Broward	NAME OF POLITICAL SUBDIVISION:
DATE ON WHICH VOTE OCCURRED 7-24-14	MY POSITION IS: <input type="checkbox"/> ELECTIVE <input checked="" type="checkbox"/> APPOINTEE

## WHO MUST FILE FORM 8B

This form is for use by any person serving at the county, city, or other local level of government on an appointed or elected board, council, commission, authority, or committee. It applies to members of advisory and non-advisory bodies who are presented with a voting conflict of interest under Section 112.3143, Florida Statutes.

Your responsibilities under the law when faced with voting on a measure in which you have a conflict of interest will vary greatly depending on whether you hold an elective or appointive position. For this reason, please pay close attention to the instructions on this form before completing and filing the form.

## INSTRUCTIONS FOR COMPLIANCE WITH SECTION 112.3143, FLORIDA STATUTES

A person holding elective or appointive county, municipal, or other local public office **MUST ABSTAIN** from voting on a measure which would inure to his or her special private gain or loss. Each elected or appointed local officer also **MUST ABSTAIN** from knowingly voting on a measure which would inure to the special gain or loss of a principal (other than a government agency) by whom he or she is retained (including the parent, subsidiary, or sibling organization of a principal by which he or she is retained); to the special private gain or loss of a relative; or to the special private gain or loss of a business associate. Commissioners of community redevelopment agencies (CRAs) under Sec. 163.356 or 163.357, F.S., and officers of independent special tax districts elected on a one-acre, one-vote basis are not prohibited from voting in that capacity.

For purposes of this law, a "relative" includes only the officer's father, mother, son, daughter, husband, wife, brother, sister, father-in-law, mother-in-law, son-in-law, and daughter-in-law. A "business associate" means any person or entity engaged in or carrying on a business enterprise with the officer as a partner, joint venturer, coowner of property, or corporate shareholder (where the shares of the corporation are not listed on any national or regional stock exchange).

\* \* \* \* \*

### ELECTED OFFICERS:

In addition to abstaining from voting in the situations described above, you must disclose the conflict:

PRIOR TO THE VOTE BEING TAKEN by publicly stating to the assembly the nature of your interest in the measure on which you are abstaining from voting; and

WITHIN 15 DAYS AFTER THE VOTE OCCURS by completing and filing this form with the person responsible for recording the minutes of the meeting, who should incorporate the form in the minutes.

\* \* \* \* \*

### APPOINTED OFFICERS:

Although you must abstain from voting in the situations described above, you are not prohibited by Section 112.3143 from otherwise participating in these matters. However, you must disclose the nature of the conflict before making any attempt to influence the decision, whether orally or in writing and whether made by you or at your direction.

**IF YOU INTEND TO MAKE ANY ATTEMPT TO INFLUENCE THE DECISION PRIOR TO THE MEETING AT WHICH THE VOTE WILL BE TAKEN:**

- You must complete and file this form (before making any attempt to influence the decision) with the person responsible for recording the minutes of the meeting, who will incorporate the form in the minutes. (Continued on page 2)

**APPOINTED OFFICERS (continued)**

- A copy of the form must be provided immediately to the other members of the agency.
- The form must be read publicly at the next meeting after the form is filed.

**IF YOU MAKE NO ATTEMPT TO INFLUENCE THE DECISION EXCEPT BY DISCUSSION AT THE MEETING:**

- You must disclose orally the nature of your conflict in the measure before participating.
- You must complete the form and file it within 15 days after the vote occurs with the person responsible for recording the minutes of the meeting, who must incorporate the form in the minutes. A copy of the form must be provided immediately to the other members of the agency, and the form must be read publicly at the next meeting after the form is filed.

**DISCLOSURE OF LOCAL OFFICER'S INTEREST**

I, Daren Pollitt, hereby disclose that on July 24, 20 14:

(a) A measure came or will come before my agency which (check one or more)

- inured to my special private gain or loss;
- inured to the special gain or loss of my business associate, \_\_\_\_\_;
- inured to the special gain or loss of my relative, \_\_\_\_\_;
- inured to the special gain or loss of \_\_\_\_\_, by whom I am retained; or
- inured to the special gain or loss of \_\_\_\_\_, which is the parent subsidiary, or sibling organization or subsidiary of a principal which has retained me.

(b) The measure before my agency and the nature of my conflicting interest in the measure is as follows:

*Have done business with subcontractors of recommended firm that our committee was voting on.*

*Item # 5*

If disclosure of specific information would violate confidentiality or privilege pursuant to law or rules governing attorneys, a public officer, who is also an attorney, may comply with the disclosure requirements of this section by disclosing the nature of the interest in such a way as to provide the public with notice of the conflict.

7-24-14  
Date Filed

*Daren Pollitt*  
Signature

**NOTICE: UNDER PROVISIONS OF FLORIDA STATUTES §112.317, A FAILURE TO MAKE ANY REQUIRED DISCLOSURE CONSTITUTES GROUNDS FOR AND MAY BE PUNISHED BY ONE OR MORE OF THE FOLLOWING: IMPEACHMENT, REMOVAL OR SUSPENSION FROM OFFICE OR EMPLOYMENT, DEMOTION, REDUCTION IN SALARY, REPRIMAND, OR A CIVIL PENALTY NOT TO EXCEED \$10,000.**

# Part 150 Noise Exposure Map Update



Presentation to:

**Fort Lauderdale Executive Airport  
Aviation Advisory Board**

July 24, 2014

Ted Baldwin and Robert Mentzer



**HARRIS MILLER MILLER & HANSON INC.**

# Topics

- **What is Part 150?**
- **Prior FXE Part 150 processes**
- **A brief “Noise 101” summary**
- **Draft 2014 and 2019 NEMs**
- **Comparison to 2002 NEM**
- **Major conclusions**
- **Public consultation opportunities**
- **Discussion**

# What is “Part 150”?

- **14 C.F.R Part 150, “Airport Noise Compatibility Planning”**
  - *Voluntary* FAA-defined process for airport noise studies
- **Two major components**
  - **Noise Exposure Map – FAA “accepts”**
    - Detailed description of airport layout, operations, noise exposure, land uses, and noise/land use compatibility for at least two years
  - **Noise Compatibility Program – FAA “approves” individual measures**
    - Noise abatement measures to reduce noise exposure
    - Land use mitigation measures to address existing non-compatible uses
    - Land use control measures to prevent new non-compatible uses
- **Consultation required with users and land use jurisdictions**

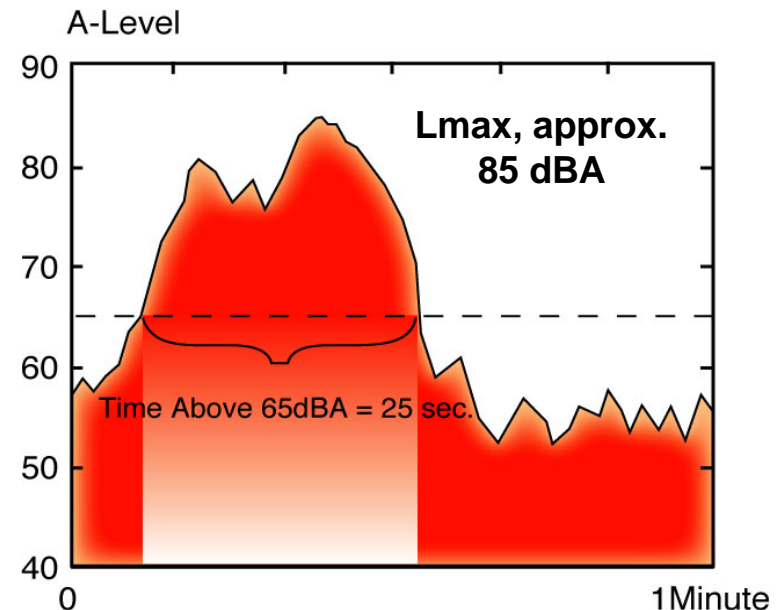
***Part 150 focusses on cumulative (“average”) noise levels over an entire year.***

# Three Prior Part 150 Processes at FXE

- **1986 Submission**
  - FAA found NEM in compliance in 1988
  - FAA published NCP “Record of Approval” in 1991
- **1994/6 submission**
  - FAA found NEM in compliance in 1995, published ROA in 1997
- **2002 submission**
  - FAA found NEM in compliance in 2004, published ROA in 2005
- ***Overall result has been a comprehensive noise program***
  - Including noise abatement, compatible land use, and continuing program elements
- **This submission is an NEM update for 2014 and 2019**
  - To support City’s commitment to monitor operations and noise, and provide up-to-date basis for continued land use planning

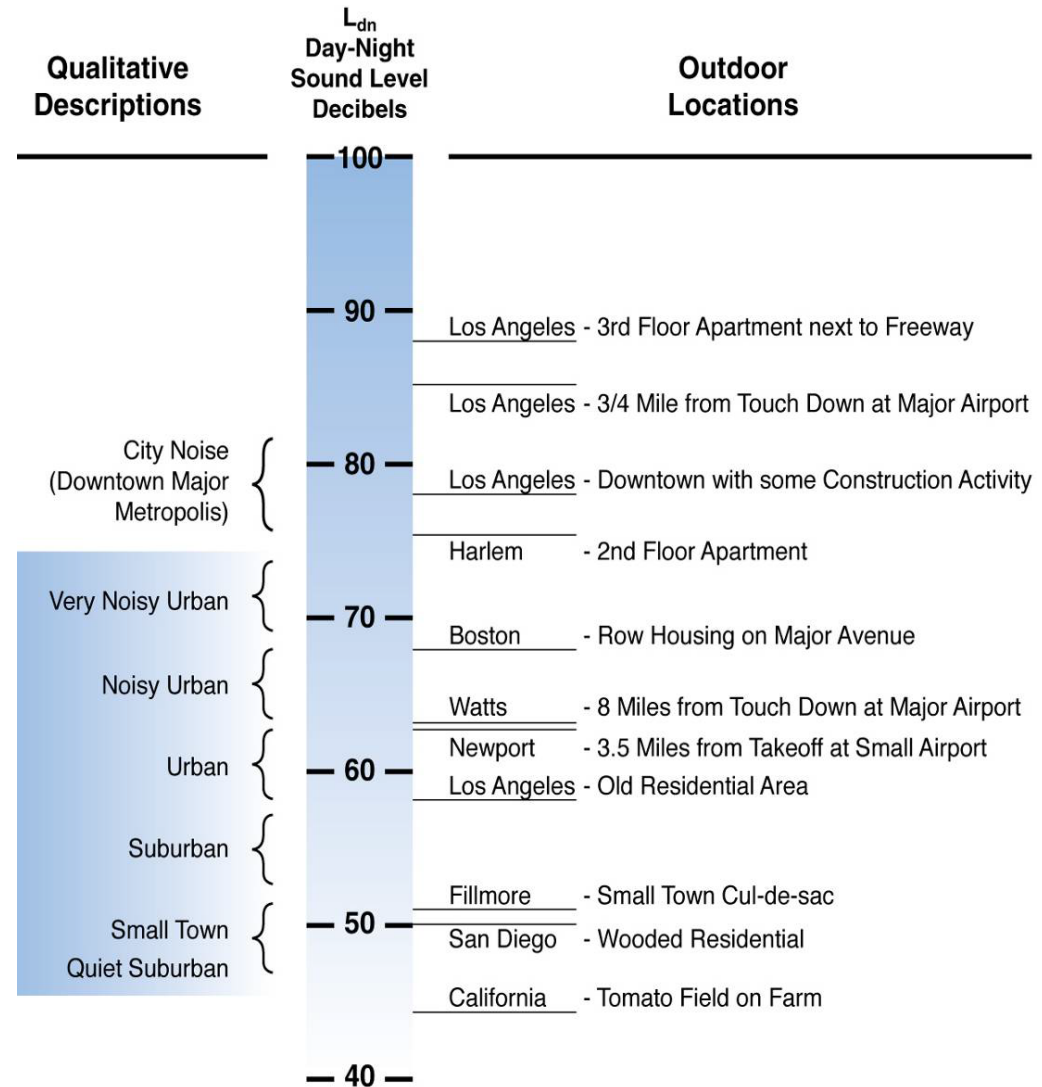
# Most noise concerns at FXE relate to “single events”

- **A-weighted decibel (dBA)**
  - Reflects the manner humans hear different pitches of sound
  - Nearly universally used for environmental studies
- **Single event metrics**
  - **Maximum sound level (Lmax)**
    - “How loud did it get?”
  - **Time-Above threshold (TA)**
    - “How long will it affect me?”
  - **Sound Exposure Level (SEL)**
    - Noise “dose” over entire event
- **FAA will not base Part 150 reviews on single event levels**
  - Requires consideration of total annual noise exposure
    - Day-Night Average Sound Level



# Day-Night Average Sound Level (“DNL” or “Ldn”)

- Measure of cumulative noise
- Equal to steady level that contains same energy as the actual time-varying sound
- 10 dB “penalty” on sounds from 10 pm to 7 am
- Nearly every state and federal agency uses for land use compatibility purposes
- Part 150 provides compatibility “guidelines” – *City has adopted*
- ***All land uses are considered compatible outside 65 DNL***

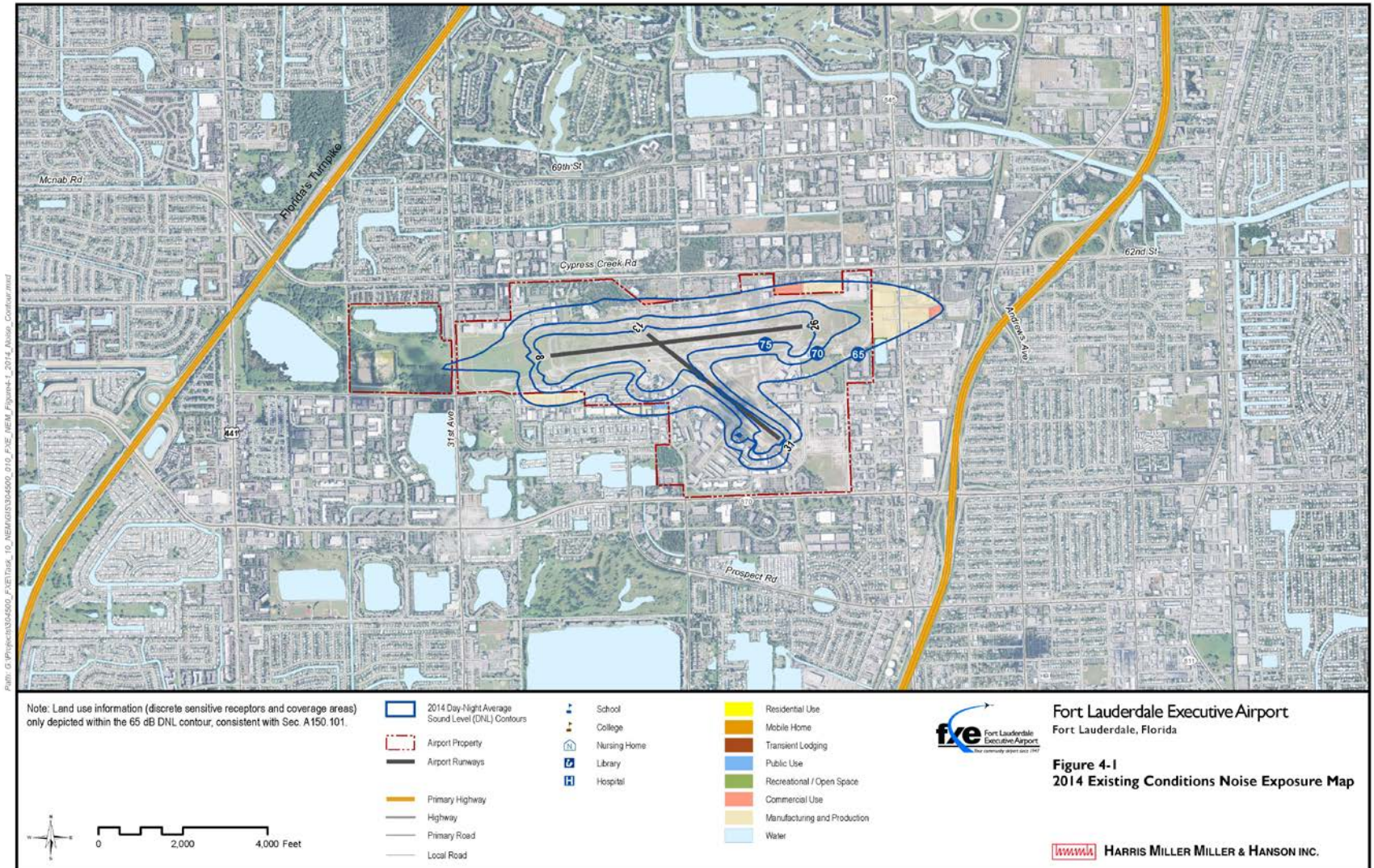




# Noise Modeling

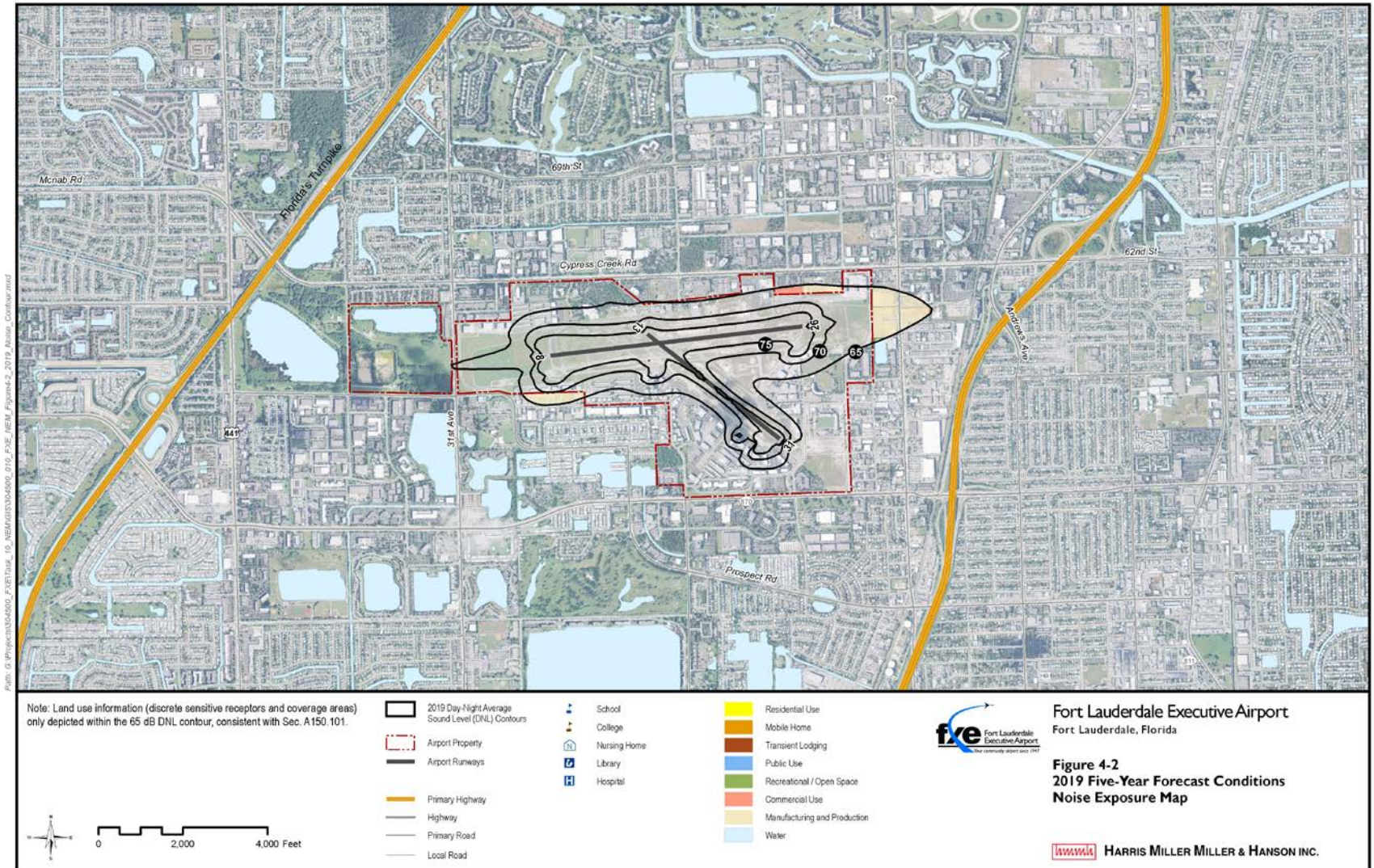
- **Part 150 requires that noise exposure be determined using the FAA's Integrated Noise Model ("INM")**
  - Results presented in the form of noise contours
- **Noise modeling inputs include:**
  - Average daily arrivals and departures
    - By aircraft type
    - By time of day
  - Arrival and departure "cockpit" procedures
  - Airfield layout
  - Percentage use of runways (by aircraft type and time of day)
  - Flight track geometry and use (by aircraft type and time of day)
  - Meteorological data
- **FXE "ANOMS" provides excellent, objective data**

# Draft 2014 NEM



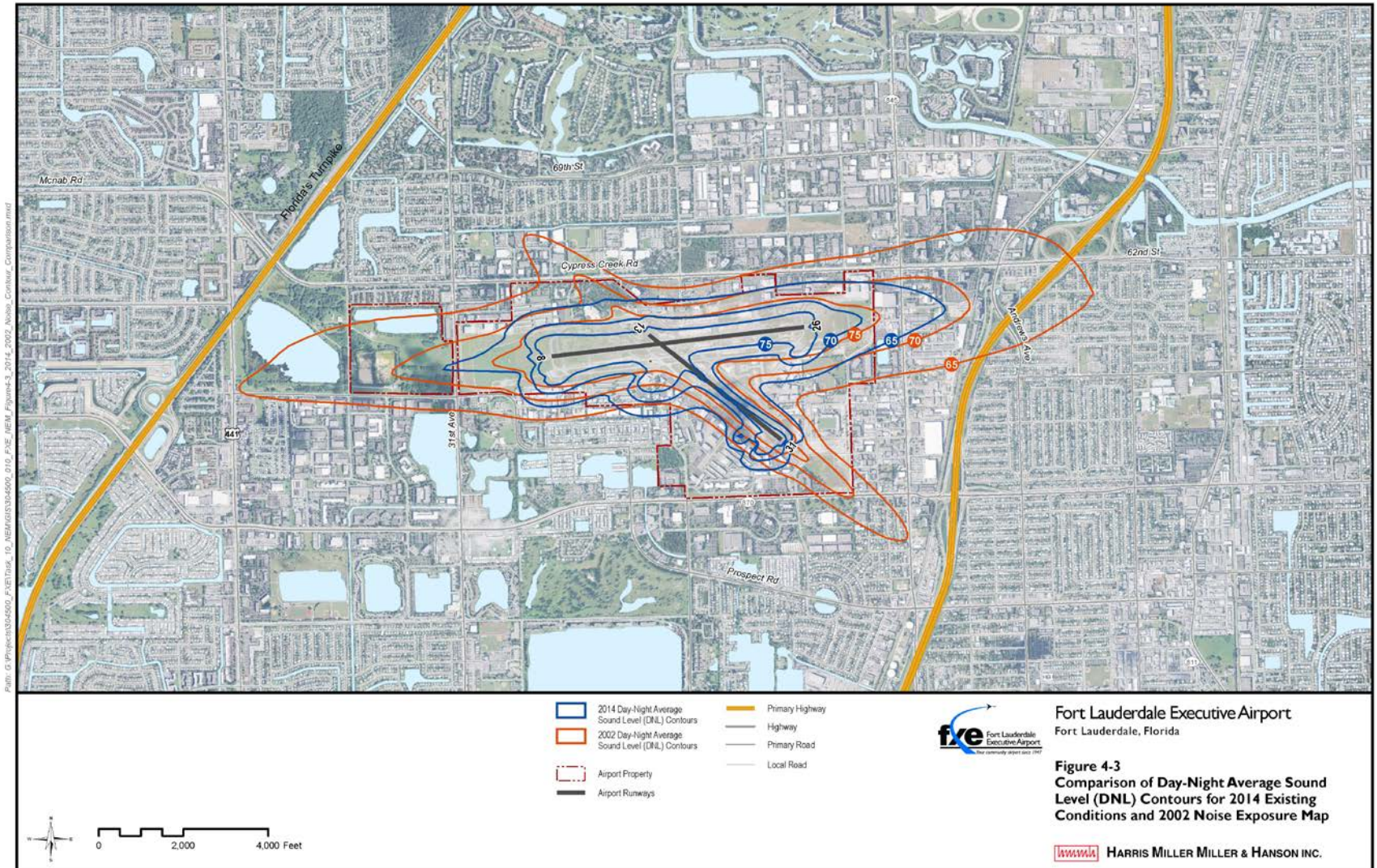


# Draft 2019 NEM





# Comparison of 2014 and 2002 NEMs



# Major Conclusions

- **Contours have shrunk approximately 5 dB since 2002**
- **No noncompatible land use within 65 dB DNL**
  - *Why?*
    - Fewer operations overall
    - Retirement of older noisier Part 36 “stage 1 and 2” jets

Year	Part 150 Annual Operations Forecasts					Estimated Residents within 65 dB DNL
	Jets			Other Aircraft Types	Total	
	Stage 1 or 2	Stage 3 or 4	Subtotal			
2002	5,900	14,800	20,700	245,700	266,400	730
2014	900	28,300	29,200	132,100	161,300	0
2019	0	29,600	29,600	134,900	164,500	0

# Major Public Consultation Elements

- **This presentation**
  - Well-established and well-advertised outreach forum
  - Includes users and local jurisdictions
- **Draft Noise Exposure Map will be available for general public review during 30-day comment period**
  - Advertised in local newspaper of general circulation
  - Hard copies at airport administration and City Hall; hard-copy comment sheets will be provided
  - Electronic version on FXE website
  - Comments accepted in any written format or via the website
- **All comments will be included in an appendix of the final submission and addressed in the body**

# Discussion

- Questions?
- Thank you for your attention!

# Part 150 Noise Exposure Map Update Noise Modeling Flight Tracks and Noise Monitor Locations



Addendum to Presentation to:

**Fort Lauderdale Executive Airport  
Aviation Advisory Board**

July 24, 2014

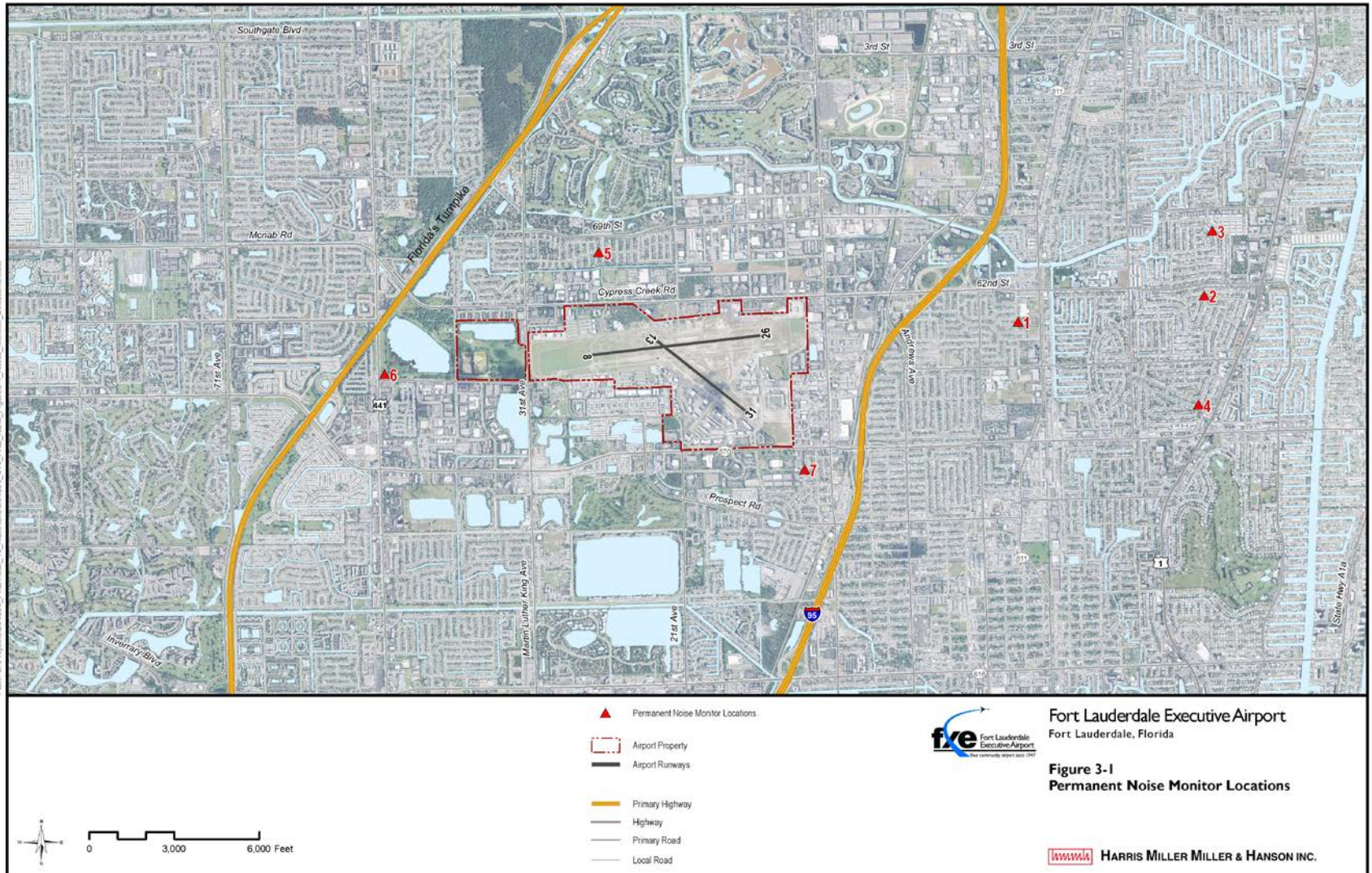
Ted Baldwin and Robert Mentzer



**HARRIS MILLER MILLER & HANSON INC.**

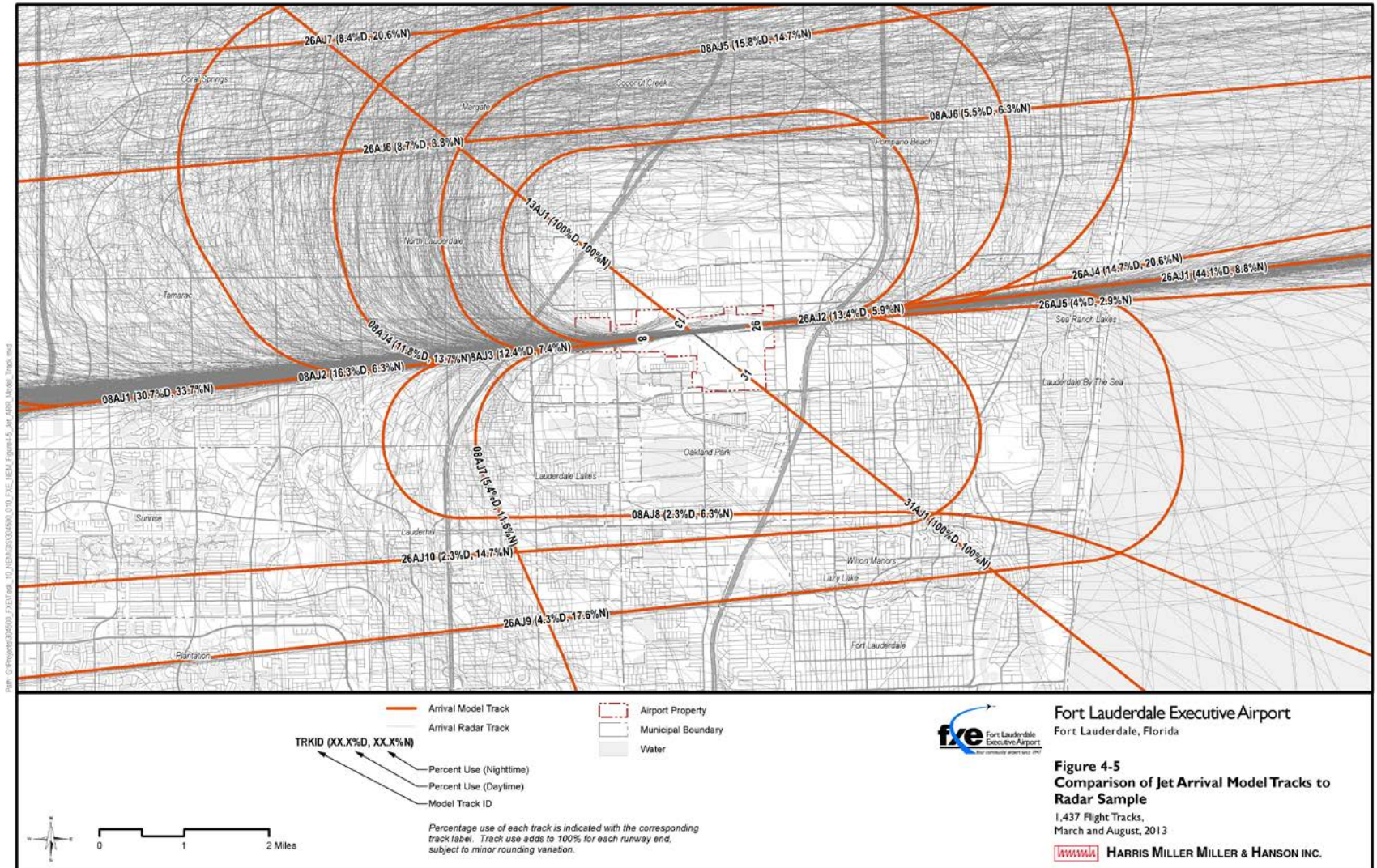


# Noise Monitor Locations



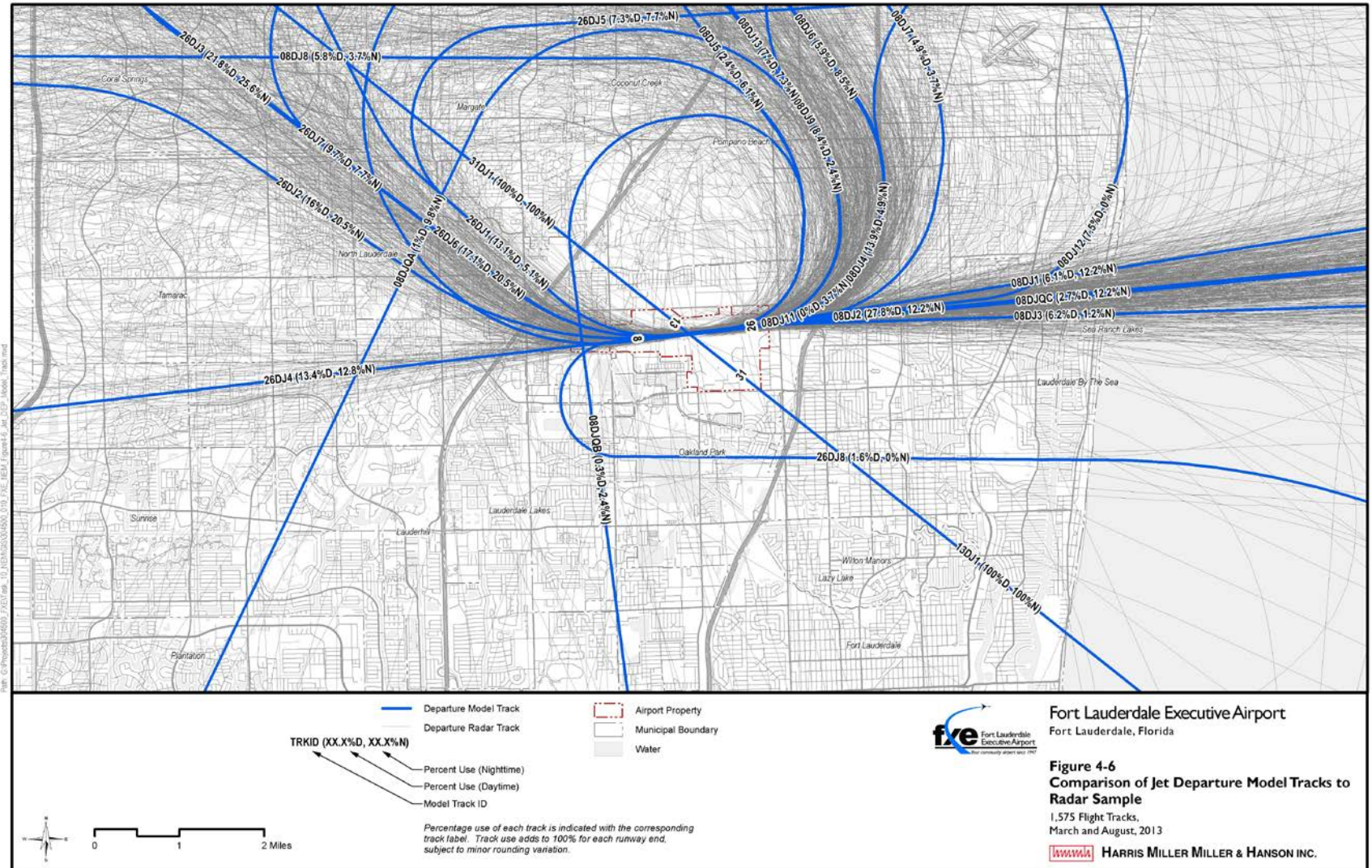


# Jet Arrival Flight Tracks



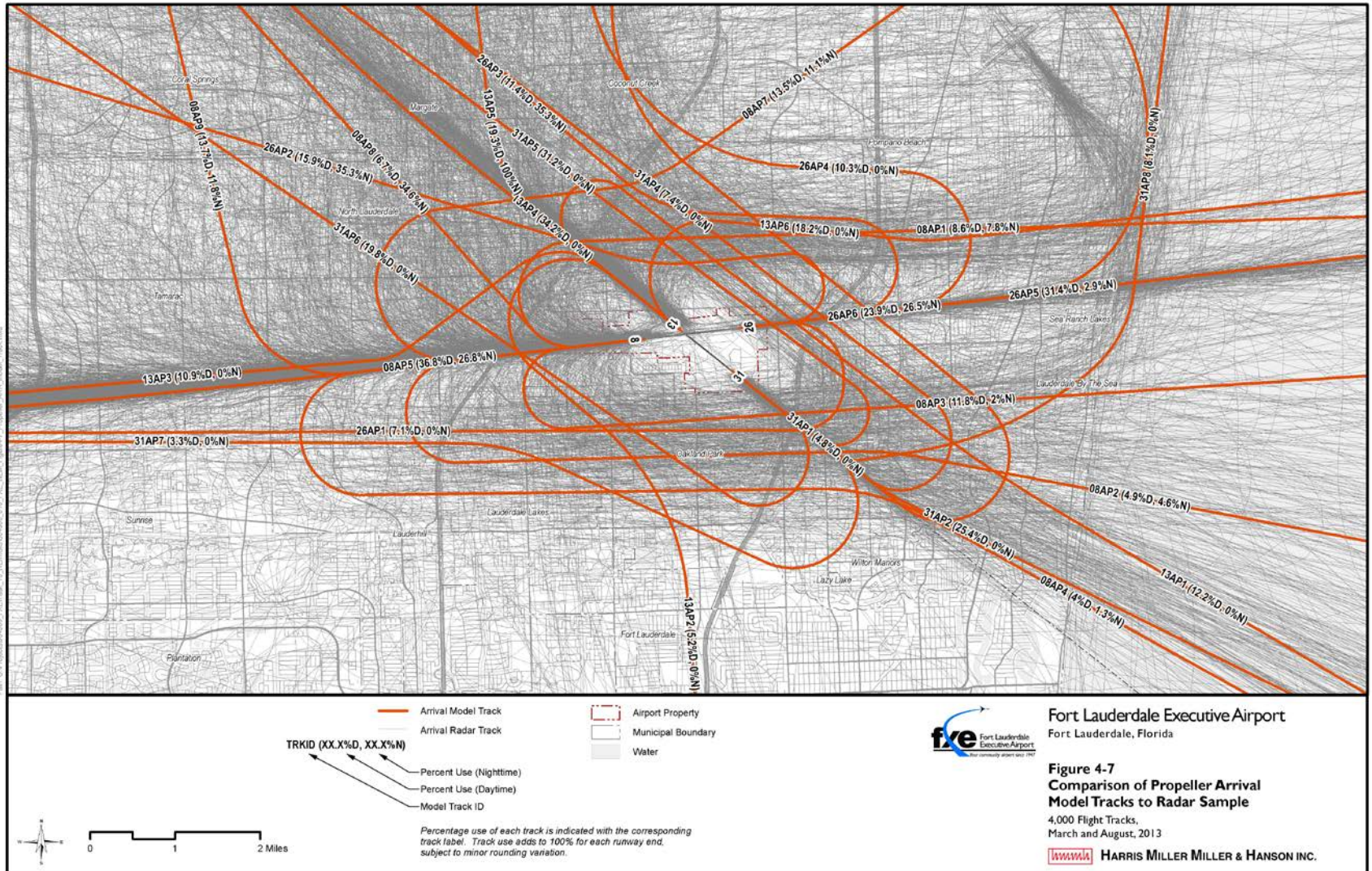


# Jet Departure Flight Tracks



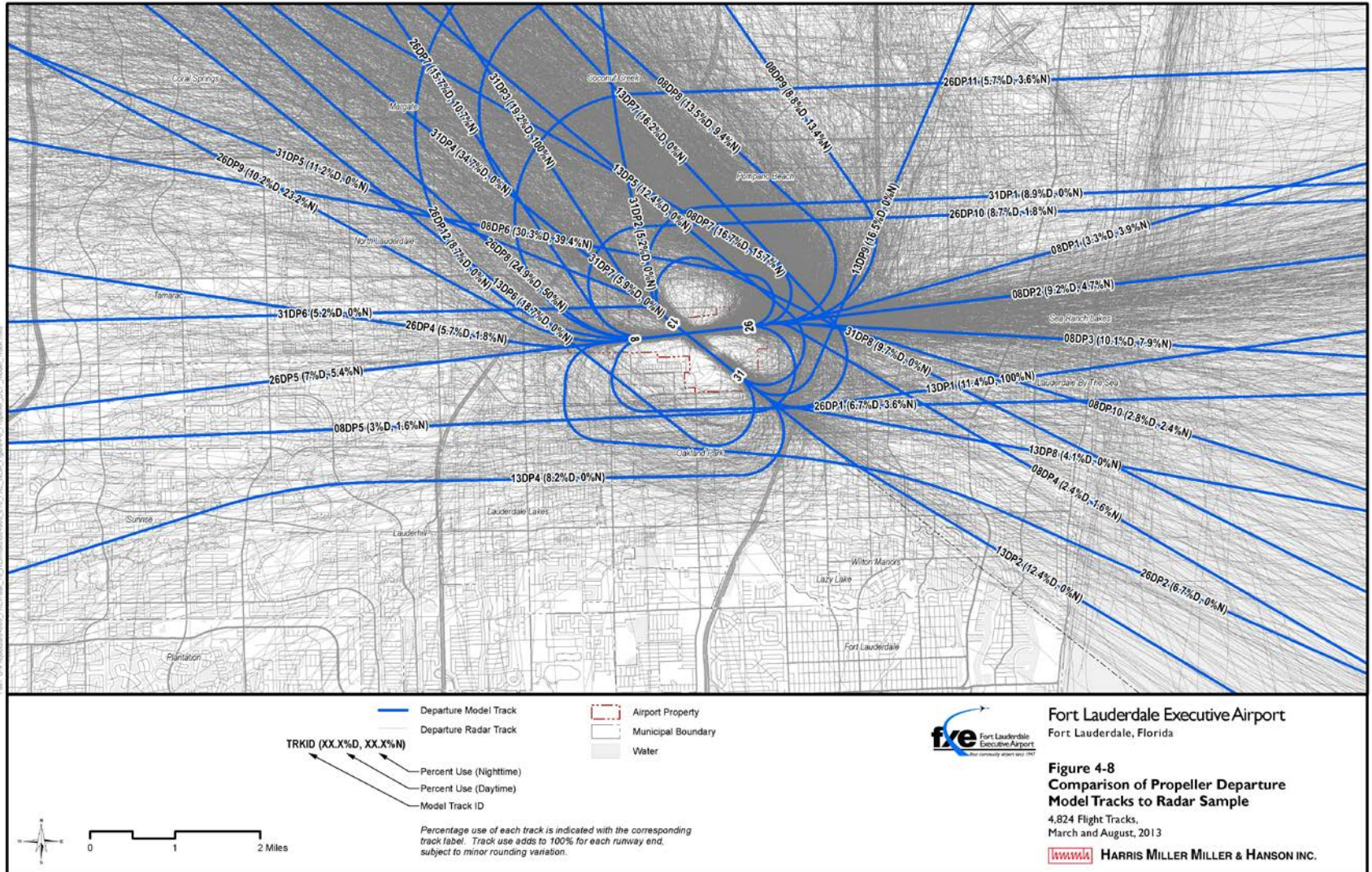


# Propeller Arrival Flight Tracks



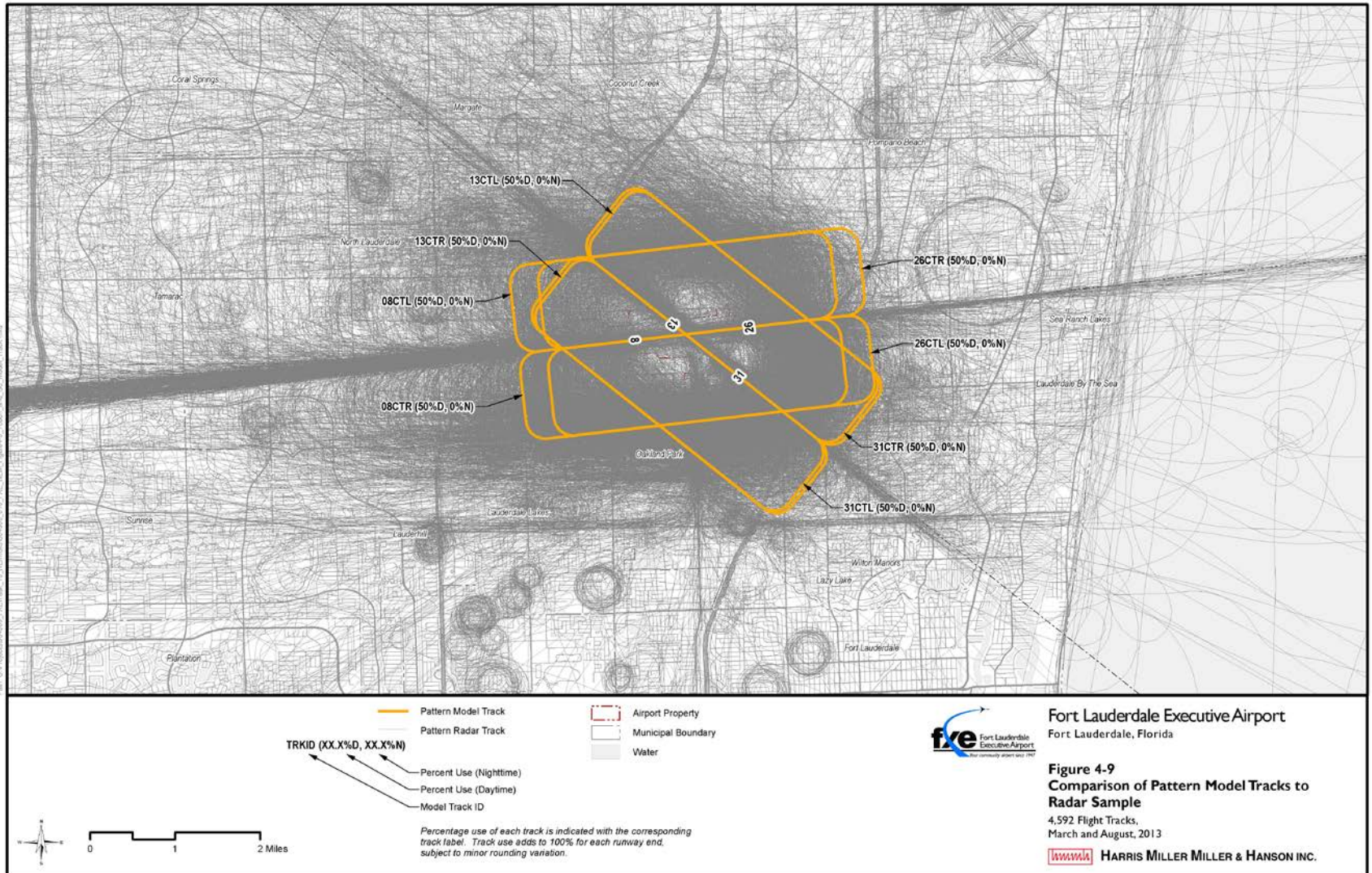


# Propeller Departure Flight Tracks





# Touch-and-Go Flight Tracks



# Helicopter Flight Tracks

