



Venice of America

CITY OF
FORT LAUDERDALE

**AVIATION ADVISORY BOARD
FORT LAUDERDALE EXECUTIVE AIRPORT
ADMINISTRATIVE OFFICE - MULTIPURPOSE ROOM
6000 NW 21 AVENUE, FORT LAUDERDALE, FLORIDA
THURSDAY, SEPTEMBER 25, 2014, 1:30 P.M.**

Board Members	Attendance	Cumulative Attendance 7/13 through 6/14	
		Present	Absent
Ron Carlson	P	3	0
Jeffrey Fauer	P	3	0
Michael J. Grimmé	P	3	0
Linda Iversen, Chair	P	3	0
Patrick Kerney	P	2	1
Ed Kwoka	P	3	0
Tom Moody	P	3	0
Stephen O'Malley, Vice Chair	P	3	0
Dana Pollitt	A	2	1
Mark Volchek	P	2	1
Pamela Bushnell, Commissioner City of Tamarac [non-voting]	P	3	0
Jeff Helyer, City of Oakland Park [non-voting]	P	3	0

Airport Staff

Diana Alarcon, Transportation and Mobility Director
Julie Leonard, Transportation and Mobility Deputy Director
Rufus James, Assistant Airport Manager
Florence Straugh, Acting Assistant Airport Manager
Karen Reese, Airport Business Outreach & FTZ Administrator
Diana McDowell, Administrative Assistant II
Denise Greenstein, Administrative Aide
Kimberly Smith, Administrative Aide

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.

VOTING ITEMS

1. Approve Minutes of August 28, 2014 Meeting

Motion was made by Mr. Kerney and seconded by Mr. Carlson to approve the minutes. In a voice vote, motion passed unanimously

2. Budget Appropriation for Noise Monitoring Terminal Equipment

Staff recommended that the Board approve the budget appropriation for four (4) Noise Monitoring Terminal (NMT) units and one (1) new installation in the amount of \$134,678.

Motion was made by Mr. Kerney and seconded by Mr. Grimmé to support staff's recommendation. In a voice vote, the motion passed unanimously.

3. Motion to Award a One-Year Contract for Noise Abatement Consultant Services – Request for Proposal (RFP) 545-11443 – \$49,450

Staff recommended awarding a one-year contract for the purchase of noise abatement consultant services to Harris Miller Miller & Hanson, Inc., in the amount of \$49,450, which is not to be exceeded annually.

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

UPDATE ITEMS

A. Noise Compatibility Program

Ms. Straugh provided an update.

B. Development and Construction

Mr. James 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.

Other Items and Information

There being no further business before the Board, the meeting adjourned at 1:51 p.m.

➤ Next scheduled meeting: October 23, 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.

ITEM 2

DATE: October 23, 2014
TO: Aviation Advisory Board
FROM: Julie Leonard, Transportation and Mobility Deputy Director 
BY: Fernando Blanco, Airport Engineer
SUBJECT: Contract Cancellation for Fort Lauderdale Executive Airport observation area parking expansion – P11996 - Invitation to Bid (ITB) 243-11354

The above referenced project was approved by the Airport's Aviation Advisory Board at the April 24, 2014 meeting. The City Commission awarded the contract to the low, responsive bidder, B Square Construction Management Group, LLC, at the June 17, 2014 City Commission meeting. The project was to provide additional vehicle parking spaces to accommodate the increased visitors to the Observation Area.

As required for all proposed construction or alteration on Airport property, a standard Aeronautical Study FAA Form 7460-1 was submitted for review to the Federal Aviation Administration. The FAA provided comments and had concerns regarding the use of Airport funds for construction and maintenance of the Observation Area. Airport staff prepared and submitted a response to the FAA's comments on August 20, 2014.

Upon further review of the information provided, the FAA has determined that they do not concur with the use of Airport funds for the construction of the Observation Area parking expansion. Additionally, the FAA has also indicated that use of Airport property for public parks is not acceptable, and is in non-compliance with the Revenue Use Policy and grant assurances with the City of Fort Lauderdale when receiving Airport Improvement Program (AIP) funds.

Based on the FAA's determination of the Aeronautical Study and the Airport's responsibility to ensure compliance with the Revenue Use Policy and grant assurances, Staff is recommending cancellation of the contract with B Square Construction Management Group, LLC, to expand the Observation Area parking spaces.

Staff Recommendation

Staff recommends cancelling the contract with B Square Construction Management Group, LLC, based on the determination by the Federal Aviation Administration (FAA) citing non-compliance with the Revenue Use Policy and unacceptable use of Airport property for public use parks.

ITEM 3

DATE: October 23, 2014
TO: Aviation Advisory Board
FROM: Julie Leonard, Transportation and Mobility Deputy Director
BY: Rufus A. James, Assistant Airport Manager
SUBJECT: ITB # 542-11482 Pedestrian Gate Replacement



The Airport's Security Gate Access System consists of 33 automated vehicular gates, 39 manually operated pedestrian gates, and 1 automated aircraft gate, which are all inspected daily to verify operational functionality and ensure safety and security of the airfield. Airport staff worked with the City's Procurement Division to develop an Invitation To Bid (ITB) to solicit qualified vendors to replace airfield security pedestrian gates. The replacement of the pedestrian gates will update the Airport's Security Gate Access System to correct recurring costly maintenance issues and address security concerns from gates not closing properly.

The existing pedestrian gates are made of a heavy galvanized material and have caused excessive wear on the hinges which are not replaceable. Additionally, the weight of the gate also has an impact on the closer and locking mechanism, both of which eventually fail before reaching their useful life. The replacement pedestrian gates will be constructed from aluminum material with a fully functional automatic closer and locking mechanism. A trial period of one year was exercised with the exact specifications for the replacement gate and the results have exceeded expectations for maintenance and replacement parts.

Invitation To Bid (ITB) 542-11482 was opened on September 17, 2014 with five bids received.

Commercial Fence Contractors, Inc.	\$59,840
U.S. Fence & Gate, Inc.	\$61,728
All State Fence	\$61,888
Tropic Fence, Inc.	\$66,736
Ladet Services, Inc.	\$141,000

The low bidder, Commercial Fence Contractors, Inc., has met all of the specifications of the bid and has been deemed the lowest cost, responsive and responsible bidder with a bid of \$59,840.

Staff Recommendation

Staff recommends that the City award the contract for the Pedestrian Gate Replacement to Commercial Fence Contractors, Inc. in the amount of \$59,840.

UPDATE ITEM A

DATE: October 23, 2014
TO: Aviation Advisory Board
FROM: Julie Leonard, Transportation & Mobility Deputy Director
BY: Florence Straugh, Acting Assistant Airport Manager
SUBJECT: Noise Compatibility Program Update



Pilot Safety Seminar by AOPA-Air Safety Institute (ASI)

Over the past seven years, the Airport has partnered with Aircraft Owners & Pilots Association (AOPA) in hosting and supporting Pilot Safety Seminars at the War Memorial Auditorium. On Wednesday, November 19, 2014 from 7:00 p.m. to 9:00 p.m., AOPA, Air Safety Institute, will conduct a Pilot Safety Seminar, titled "Real World Weather". The seminar will be presented by Mr. Kurt Reesman at the City of Fort Lauderdale War Memorial Auditorium, 800 NE 8th Street, Fort Lauderdale, FL 33304. The event is expected to draw around 200 pilots. Promoting pilot safety is an important initiative to the Airport.

Nighttime Jets

There were no jets over 80 dB at night between 10:00 p.m. and 7:00 a.m. in September 2014.

Noise Abatement Cooperative Effort

The data below summarizes the monthly noise and operations statistics for September 2014:

	Sep-14
Total Jet Departures	770
Runway 26 Departures	113
Runway 08 Departures	655
Runway 13-31 Departures	2
Total I-95 Turns	376
% I-95 Turns - Rwy 8 Jet Deps	57%
Noise Events at Monitor #1	295
Noise Events at Monitor #2	140
Jet Events over 80 dB at Monitor #1	55
Jet Events over 80 dB at Monitor #2	15
No. of Households Reporting	8
No. of Noise Reports	19



COOPERATIVE NOISE ABATEMENT EFFORT

Month of September

October 23, 2014

Operations	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14
Total Jet Departures	622	778	1015	1110	979	1026	1040	956	865	784	853	789	770
Jet Departures Rwy 26	89	97	126	170	475	345	297	145	69	94	236	87	113
Jet Departures Rwy 8	532	681	889	940	504	680	743	811	796	690	617	701	655
Jet Departures Rwy 13 and 31	1	0	0	0	0	1	0	0	0	0	0	1	2
Jet Departures Rwy 8													
Jet Departures I-95 Turn	292	427	532	543	258	392	437	488	475	383	334	401	376
% Jet Departures I-95 Turn	55%	63%	60%	58%	51%	58%	59%	60%	60%	56%	54%	57%	57%
Jets Over 80 dB at NMT #2	14	8	12	17	13	15	13	14	21	12	8	8	15
Prop Departures Rwy 8													
Prop Over 80 dB NMT #2	17	17	20	43	16	28	22	43	34	26	24	26	33
Nighttime Jet Deps (10 p.m. - 7 a.m.)													
Total Nighttime Jet Departures	59	68	95	112	94	100	104	78	71	68	64	61	70
Nighttime Jet Deps Rwy 26	14	9	17	16	53	41	40	8	9	17	17	4	6
Nighttime Jet Deps Rwy 8	45	59	78	96	41	59	64	70	62	51	47	57	64
Nighttime Jet Deps Rwy 13 and 31	0	0	0	0	0	0	0	0	0	0	0	0	0
Nighttime Jet Deps Runway 8													
Nighttime I-95 Turns 11 p.m. - 7 a.m.	41	52	66	77	33	54	55	67	50	41	35	49	55
Nighttime Straight-Out 10 p.m. - 7 a.m.	5	7	0	18	8	5	9	6	1	10	12	8	7
Nighttime Jets Over 80 dB 10 p.m. -7 a.m.	0	0	0	0	0	0	1	0	1	1	0	0	0
Noise Reports													
Noise Reports by Aircraft Category at FXE													
# Noise Reports on Jets	6	6	11	25	17	20	14	10	4	6	7	6	5
# Noise Reports on Propellers	6	5	14	51	26	25	11	13	6	12	11	34	6
# Noise Reports on Helicopters	2	15	15	24	17	12	9	9	23	9	0	6	4
# Noise Reports - unmatched	1	1	1	3	0	0	0	2	0	0	0	0	2
# Noise Reports - FLL & Other													
Airports' Overflights	4	6	0	5	1	1	1	1	2	2	2	4	2
Total Noise Reports	19	33	41	108	61	58	35	35	35	29	20	50	19
# of Households Reporting	8	10	9	25	13	22	22	13	12	15	9	9	8

Notes:

Noise Monitor Terminal #2 (NMT #2) - noise levels in decibels (Lmax) recorded at NMT #2
 On March 4-5, 2014, FLL radar was down for maintenance, radar data was missing
 On March 12, 2014, 1435-1533 radar data was missing
 On March 13, 2014, 1329-1415 and 1508-1528 radar data was missing



COOPERATIVE NOISE ABATEMENT EFFORT

Month of September

October 23, 2014

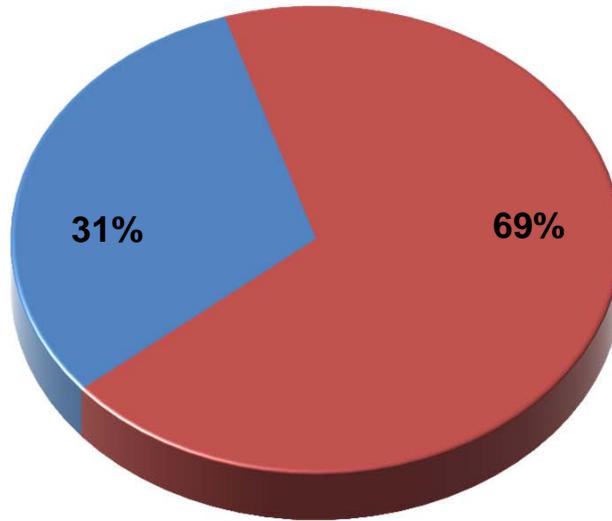
Monthly Operations over 80dB Per Aircraft Type

Total Percentage of Departures Over 80 dB:

1.2%

15
Out of
770

2% of Jets Departures were over 80 dB.



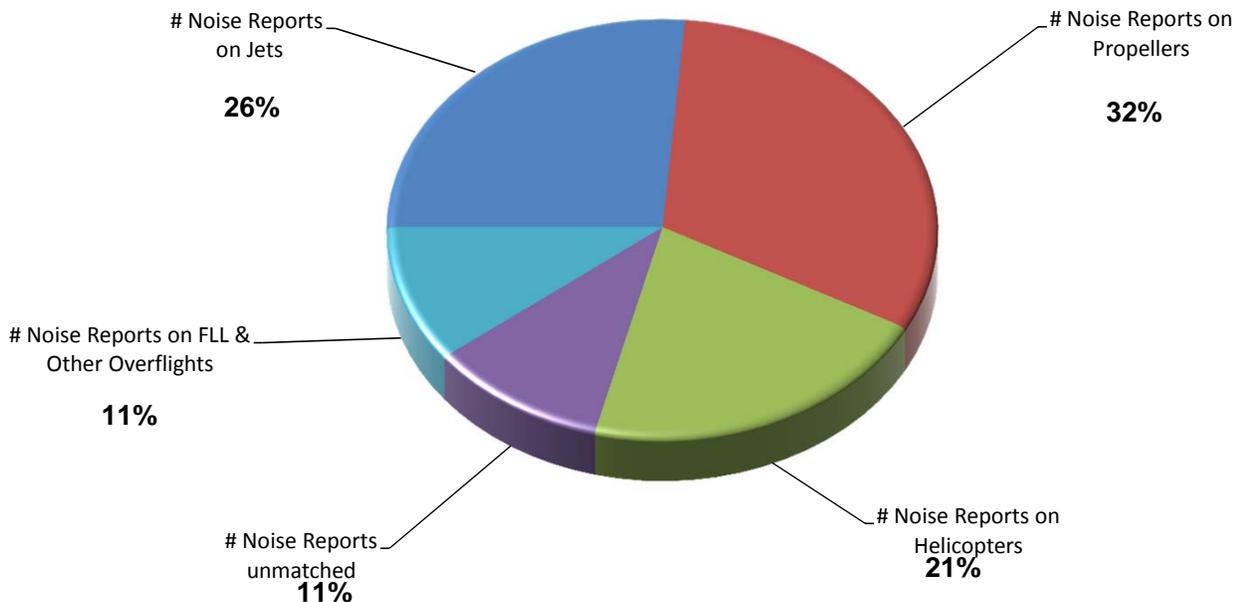
33
Out of
3184

1.0% of Propeller Departures were over 80 dB.

■ % Aircraft over 80 dB - Jets

■ % Aircraft over 80 dB - Props

Monthly Noise Reports Per Aircraft Type





COOPERATIVE NOISE ABATEMENT EFFORT

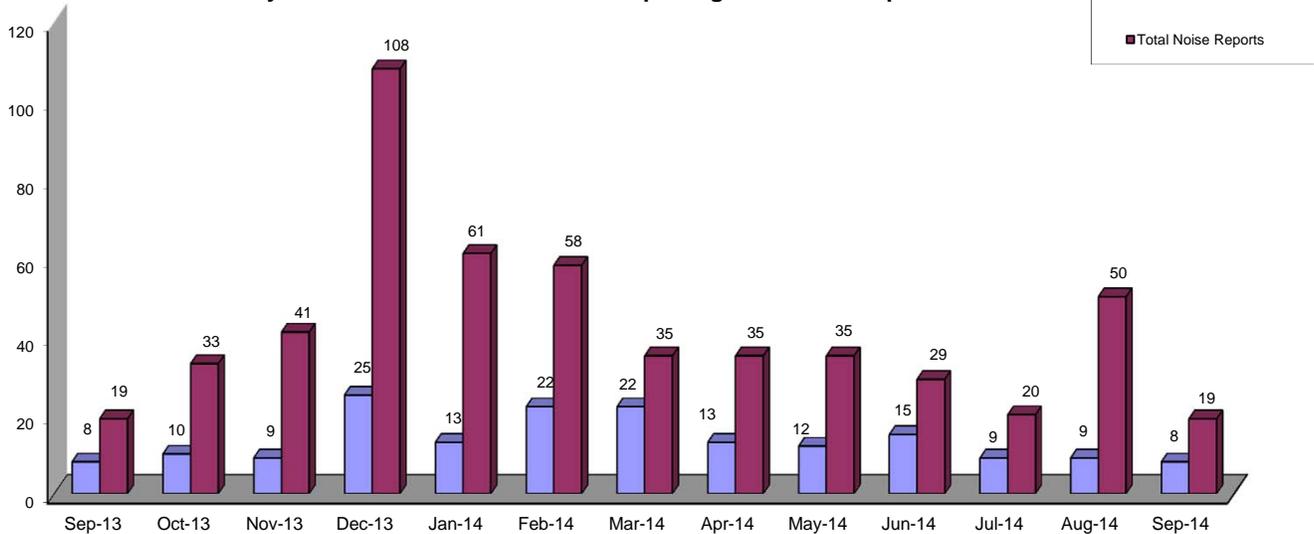
Month of September

October 23, 2014

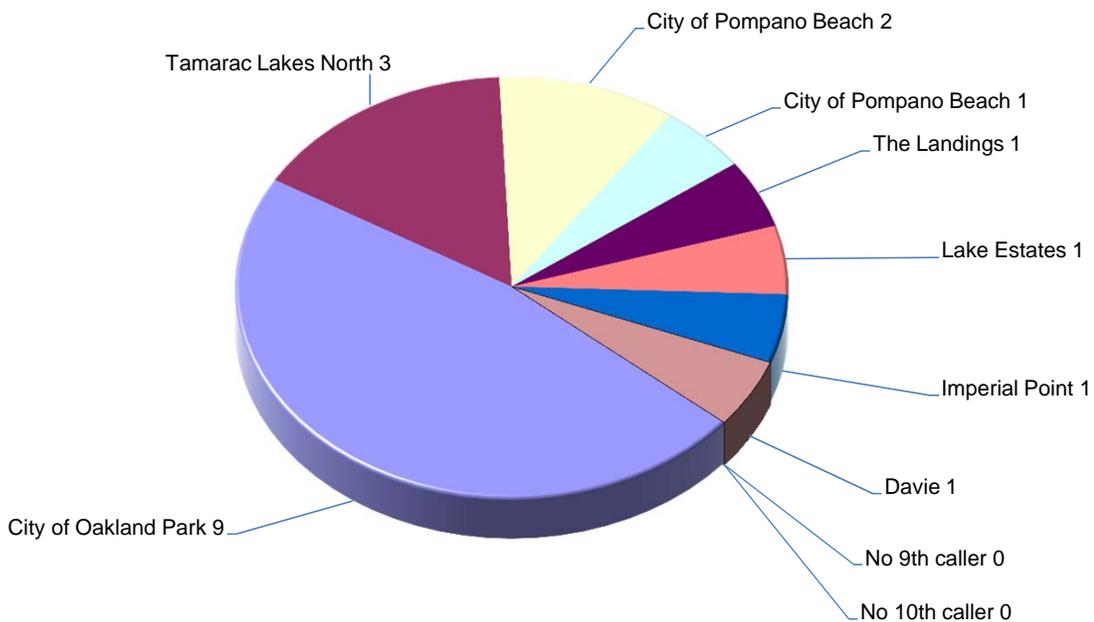
Number of total households contacting FXE to report aircraft noise:

8

Monthly Total Number of Households Reporting and Noise Reports



Report Distribution by Household
8 Households made 19 aircraft noise reports or 100% of the 19 total noise reports





COOPERATIVE NOISE ABATEMENT EFFORT

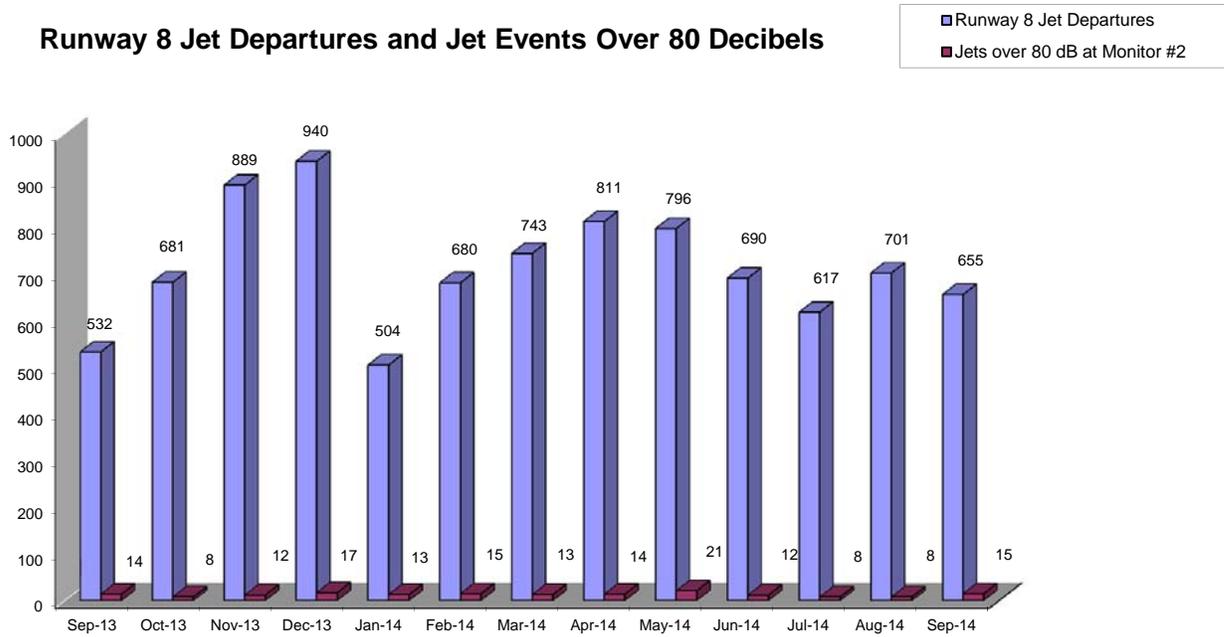
Month of September

October 23, 2014

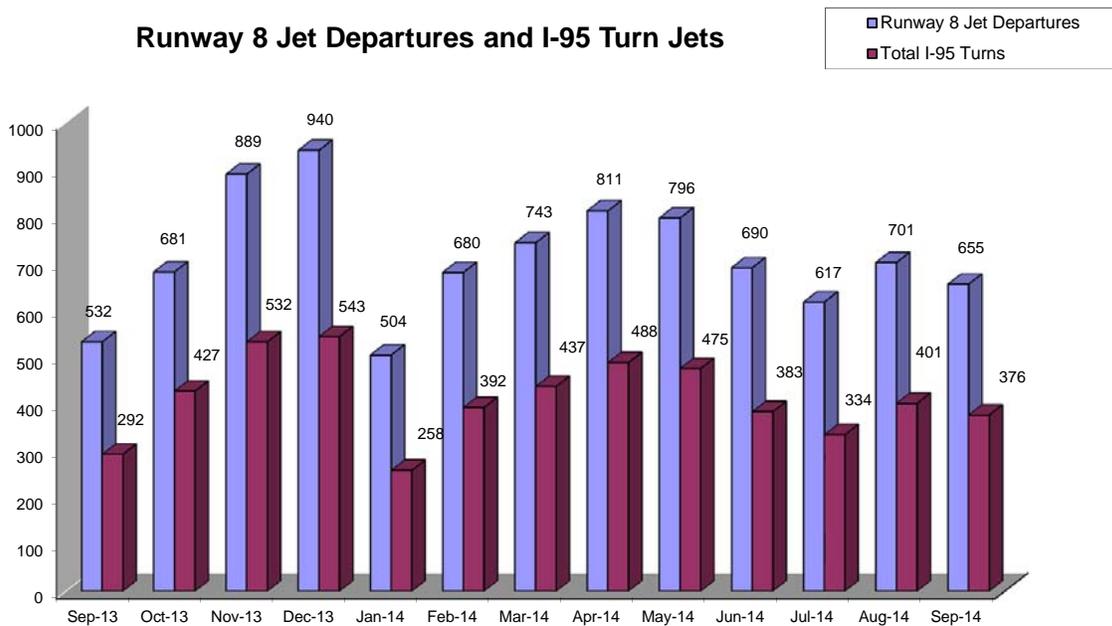
Number of Runway 8 Jet Departures over 80 decibels:

15

Runway 8 Jet Departures and Jet Events Over 80 Decibels



Runway 8 Jet Departures and I-95 Turn Jets



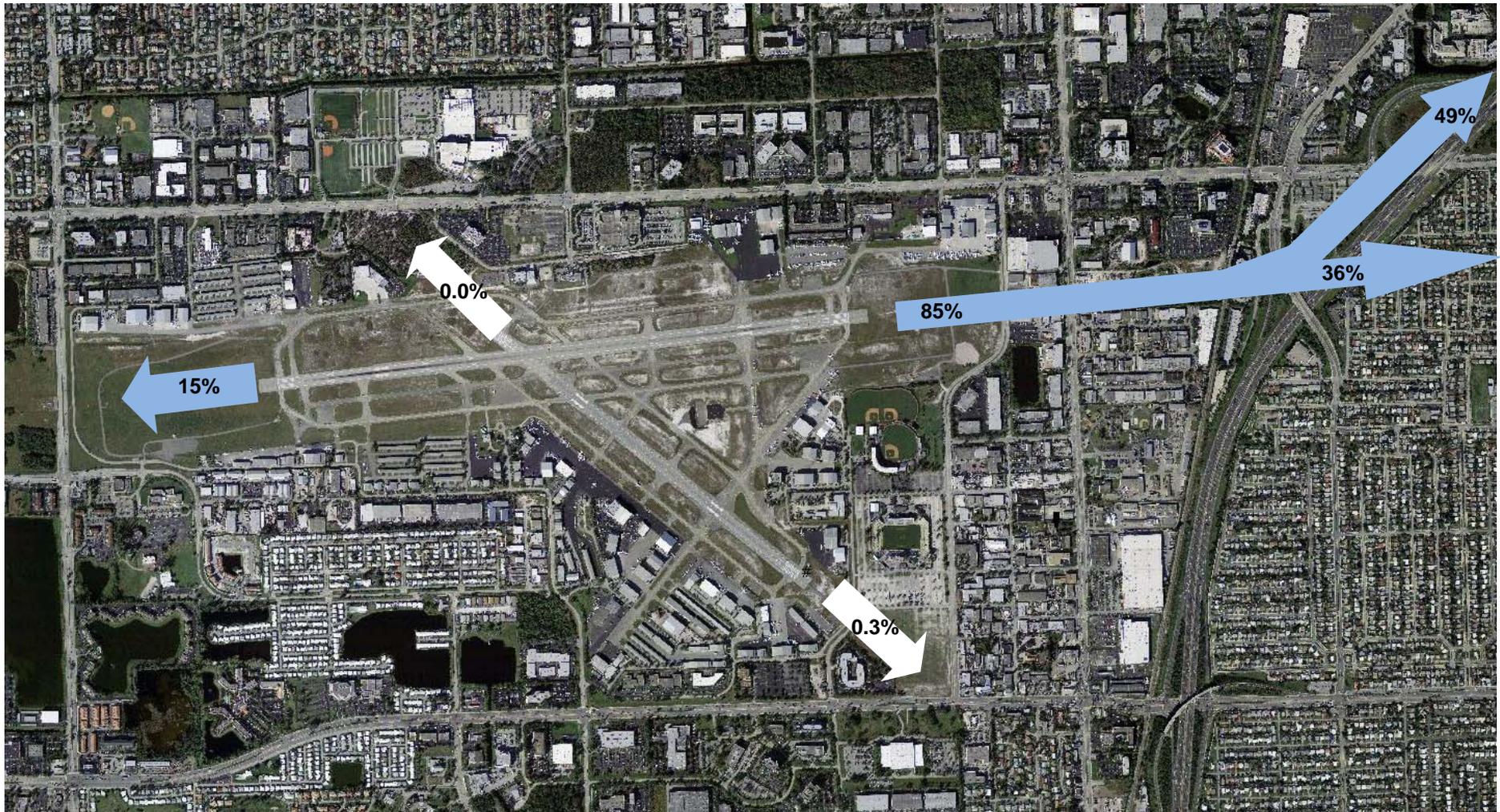


COOPERATIVE NOISE ABATEMENT EFFORT

Month of September

October 23, 2014

Percentage of Jet Departures Per Runway



UPDATE ITEM B

DATE: October 23, 2014
 TO: Aviation Advisory Board
 FROM: Julie Leonard, Transportation and Mobility Deputy Director
 BY: Rufus A. James, Assistant Airport Manager
 SUBJECT: Airport Development and Construction



P-12069 Earthwork Improvements Parcels B-C-D

The Parcels B-C-D Earthwork Improvements project is ninety-five percent complete. The contractor, JMS Construction Services is continuing to finalize the grading for each Parcel and will re-establish the proper grades on the airfield. The project is on schedule and expected to be completed in October 2014. We will provide the Board with a final update once the project is completed.

P-11242 U.S. Customs and Border Protection Facility

The construction of the new U. S. Customs and Border Protection Facility is on schedule. Since the last Board update, the Contractor, Pirtle Construction Company has installed the back-up generator and fuel tank, the roofing material, and window framing. Additionally, the contractor has also commenced installing drywall, sod, and fence posts. The project is on schedule and expected to be completed in April 2015. We will continue to provide the Board with updates on the progress of this project.

September 2014

	Date	Aircraft Type	Problem
Alert II	9/17/14	PA-44	Left Engine Failure

Airport Operations	September 2013	September 2014
Total Operations	12,128	12,506
12 month Cumulative	158,870	169,007

Operations 10:00pm to 7:00am	535
Average Operations per night	18

Customs Operations	September 2013	September 2014
Total Aircraft Cleared	657	696
12 month Cumulative	12,234	12,410
Total Passengers/Crew	2,241	2,274
12 month Cumulative	43,739	45,869
Helistop Operations	September 2013	September 2014
Total Operations	60	0**
12 month Cumulative*	1,106*	780**

*Data missing from Sept. '12 thru Mar. '13

**Data missing from Sept. 2014

UPDATE ITEM C

DATE: October 23, 2014
TO: Aviation Advisory Board
FROM: Julie Leonard, Transportation and Mobility Deputy Director
BY: Diana McDowell, Administrative Assistant II
SUBJECT: Arrearages



Rent

The arrearages to report for the months of July, August and September 2014 are as follows:

DHS Investments, LLC – Parcel 8G

Fuel Flowage

There are no arrearages to report.