



AVIATION ADVISORY BOARD MEETING

Thursday, August 22, 2019 – 1:30 p.m.
Fort Lauderdale Executive Airport
6000 NW 21st Avenue
Fort Lauderdale, Florida 33309

Aviation Advisory Board

Ed Kwoka
Chair

Edward Rebholz
Vice Chair

John Dool

Louis Gavin

Dana Pollitt

Wes Szymonik

Pierre Taschereau

John Watt

Commissioner
Marion Bolton
City of Tamarac

Jeff Helyer
City of Oakland Park

CALL TO ORDER

- Roll Call

ELECTION

- Election of Chair
- Election of Vice Chair

APPROVAL OF MINUTES

- June 27, 2019 Minutes

VOTING ITEMS

1. Executive Airport Parcel 3 – Broward Sherriff’s Office Lease
2. Executive Airport – Termination of Lots 23 & 24 with Cypress Commerce Ltd.
3. Taxiway Foxtrot Relocation – Federal Aviation Administration Grant Acceptance - Project 12243
4. Taxiway Foxtrot Relocation - Project 12243 – Kimley-Horn and Associates, Inc. - Task Order No. 1-Amendment #1

UPDATE ITEMS

- A. Noise Compatibility Program
- B. Development and Construction
- C. Arrearages
- D. Communications to the City Commission

NEXT SCHEDULED MEETING DATE: Thursday, September 26, 2019 - 1:30 PM

Rufus A. James, Airport Manager

PURPOSE: To recommend to the City Commission action necessary for the planning, establishment, development, construction, enlargement, improvement, maintenance, operation, regulation and policing of airports owned, operated and controlled by the City.

Two or more City of Fort Lauderdale Commissioners or members of a Fort Lauderdale Advisory Board or Committee may be in attendance at this meeting.

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.

If you desire auxiliary services to assist in viewing or hearing the meeting or reading agendas and minutes for the meetings, please contact the City Clerk’s Office at 954-828-5002 and arrangements will be made to provide these services to you.

FORT LAUDERDALE EXECUTIVE AIRPORT

6000 N.W. 21ST AVENUE, SUITE 200, FORT LAUDERDALE, FLORIDA 33309
TELEPHONE (954) 828-4955, FAX (954) 938-4974

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CITY OF FORT LAUDERDALE

**AVIATION ADVISORY BOARD MEETING MINUTES
FORT LAUDERDALE EXECUTIVE AIRPORT
ADMINISTRATIVE OFFICE – MULTIPURPOSE ROOM
6000 NW 21 AVENUE, FORT LAUDERDALE, FLORIDA
THURSDAY, JUNE 27, 2019 – 1:30 P.M.**

	Attendance	Cumulative Attendance 7/18 through 6/19	
		Present	Absent
Ed Kwoka, Chair	P	7	3
Edward Rebholz, Vice Chair	P	10	0
Louis Gavin	A	5	5
John Dool	P	8	0
Dana Pollitt	A	5	5
Wes Szymonik	A	4	1
Pierre Taschereau	P	6	0
John Watt	P	10	0
Commissioner Marlon Bolton, City of Tamarac [non-voting]	P	6	4
Jeff Helyer, City of Oakland Park [non-voting]	P	10	0

Airport Staff

Rufus A. James, Airport Manager
Carlton Harrison, Assistant Airport Manager
Fernando Blanco, Airport Engineer/Project Manager II
Florence Straugh, Noise Abatement Officer
Mickaelle Bouchereau, Administrative Assistant
Marie Cine, Administrative Assistant
Taneil Mack, Airport Operations Specialist
Rayanne Morton, Intern
Julian Parish, Intern
Tatiana Guerrier, Recording Secretary, Prototype, Inc.

Guests

Craig Grillo, Sesco Lighting

CALL TO ORDER

Chair Kwoka called the meeting to order at 1:32 p.m.

1. Roll Call

Roll was called, and a quorum was determined to be present.

APPROVAL OF MINUTES

- **May 23, 2019**

Motion made by Vice Chair Rebholz, seconded by Mr. Dool, to approve the minutes of the May 23, 2019, minutes as presented. In a voice vote, the motion passed unanimously.

VOTING ITEMS

1. Fort Lauderdale Executive Airport Decorative Street Post – Project 12437 – Contract Award – Sagaris Corp.

Mr. Blanco reported that FXE staff had reviewed prior projects that used a similar type of decorative street post and found the unit pricing for the proposed pole installation and signage to be in line with several other decorative street post projects that the City has completed in the past few years.

Mr. Blanco described the construction of the posts and showed images on the screen. Sagaris has proposed replacing the FXE name and logo with a silk-screen panel that could be slid into the bracket assembly, similar to the street name sign. A change order for \$38,540 would be issued to adjust the unit price of these items after the contract has been awarded and prior to production.

Staff recommends award of the contract to the low responsive bidder, Sagaris Corp., of Coral Springs, FL, in the amount of \$360,010 for the FXE Decorative Street Post project.

As a matter of clarification, Mr. Blanco advised that once the contract is executed for the original amount, the change order will be posted to reduce the amount of the contract.

Craig Grillo, Sesco Lighting, stated that the composition of the sign will not affect its longevity or durability. He said that part of the proposed sign panel for the FXE logo had to be hand painted because of the various colors. The new process that allows the panel to be slid into the sign bracket simplifies the design and makes it possible to replace the panel if it fades or needs to be changed in some way, rather than replacing the whole sign bracket.

Chair Kwoka asked if there could be additional savings to the cost. Mr. Grillo said there is nothing else pertaining to the sign itself, but they could change the composition or design of the pole. He added that the signs proposed now would have the same durability in a hurricane as the ones previously proposed.

Mr. Grillo explained that the prototype wooden sign was just for display; the actual signs would be aluminum.

Mr. Watt pointed out that the 40 signs for Flagler Village cost \$100,000 less than the 41 signs for the Airport. Mr. Grillo explained those signs were made three years ago and there have been tariff increases. Also, the Airport signs are tri-color, while the Flagler signs were two colors. Having the signs double-sided also adds to the expense.

To provide visibility from the street, 3M reflective paint will be used and the letters could be made larger if desired.

Chair Kwoka stated that he will vote in accordance with what he believed the tenants would want. He personally thought it was not a necessity.

Motion made by Mr. Watt, seconded by Vice Chair Rebholz, to approve the contract award. In a voice vote, the motion passed unanimously.

UPDATE ITEMS

A. Noise Compatibility Program

Ms. Straugh reminded the Board of the usefulness of the Airport's website in dealing with residents. The site includes a flight-tracking service (WebTrak) which provides online flight tracking service with public access to view aircraft tracks, altitudes, and noise levels. There is also an online reporting form for excessively loud aircraft and a noise exposure map (NEM) showing the FAA approved noise contours for the Airport. All the past NEM are overlaid on WebTrak. Ms. Straugh added that the website includes FAA Noise Compatibility program measures. Projections of the website were presented on the conference room screen.

Ms. Straugh said some of the older jets are unable to make the desired tight turn over I-95, but most had been banned from the United States.

Chair Kwoka asked if there were many complaints about Broward Sheriff's Office operations outside of the Airport perimeter, and Ms. Straugh said there are some complaints about night-time flights over residential areas.

Ms. Straugh mentioned that she will send out one page that was omitted from her report – the last page of the percentage of jets per runway.

Discussion ensued about the loudness of jets, with Chair Kwoka attributing it to the jets getting higher sooner, and Mr. Watt believing that the low landings coming out of the west were to blame. Ms. Straugh mentioned that Stage One and Two jets were banned at the end of 2015.

Chair Kwoka suggested that the older radial piston planes still generate a fair amount of noise complaints. Mr. James said they do not operate much at night, and about three

times during the day. Ms. Straugh added that they are seeing Air Tractors now (used for agricultural spraying) that take off early in the morning.

Mr. Dool mentioned he hears long durations of jet engine noise from where he lives as well as frequent air traffic.

B. Development and Construction

Mr. Harrison reported on the electrical vault improvements:

- Replacement of existing constant current regulator (CCR) units with new CCR Units
- 500 square foot addition to the existing vault
- Low voltage cabling into separate raceways
- Installation of lightning protection system

Work will be performed by American Infrastructure Services, Inc., (AIS) with an anticipated completion date of September 2019. The approximately \$1.1M project is 80% funded by a grant from the Florida Department of Transportation. To date, the exterior masonry walls have been constructed, and the hollow-core roof has been installed. Work is progressing with the roof, exterior stucco, paint, and installation of the cable trays for the electrical conduits.

Chair Kwoka pointed out there have been a series of blown tires and wanted to make sure everything was working properly. Mr. Harrison said they checked everything, and they walked the airfield with FDOT within the last month.

Chair Kwoka asked if they could query those planes as to where they are coming from – perhaps they are picking something up from the airports they departed from. Mr. Harrison said they will add the information to their Incident Report. He said the FAA has not paid any special attention to the incidents.

C. Arrearages

Mr. James reported an arrearage for Cypress Commerce for property tax. A default letter has been sent; the next step is termination of the lease.

D. Communications to the City Commission – None

NEXT SCHEDULED MEETING DATE: THURSDAY, JULY 25, 2019 – 1:30 P.M.

There being no further business to come before the Board at this time, the meeting was adjourned at 2:04 p.m.


Any written public comments made 48 hours prior to the meeting regarding items discussed during the proceedings have been attached hereto.

[Minutes prepared by J. Rubin, Prototype, Inc.]

Attachments:

Images of decorative posts/signs– Fernando Blanco

ITEM 1

DATE: August 22, 2019
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Manager
SUBJECT: Executive Airport Parcel 3 – Broward Sherriff's Office Lease

Buehler Aviation Research Foundation, Inc. (the Foundation) leases Parcel 3 consisting of 4.47 acres, under a lease agreement dated October 1, 1964, which expires on October 19, 2019 (Exhibit 1). Current annual lease payments total \$72,009.96 (\$0.37 per square foot). The Parcel has been improved with approximately 29,280 square feet of hangar facilities built in 1975 and currently houses the Broward Sherriff's Office (BSO) Aviation Unit and other specialized BSO units.

A five-year Lease extension was granted in 2014 to allow the Airport and the Foundation time to develop a long-term strategy for the future development of the Parcel. The Foundation has indicated they are unable to make the capital investment and would not be interested in developing the site further. Therefore, they will allow the land lease to expire as scheduled.

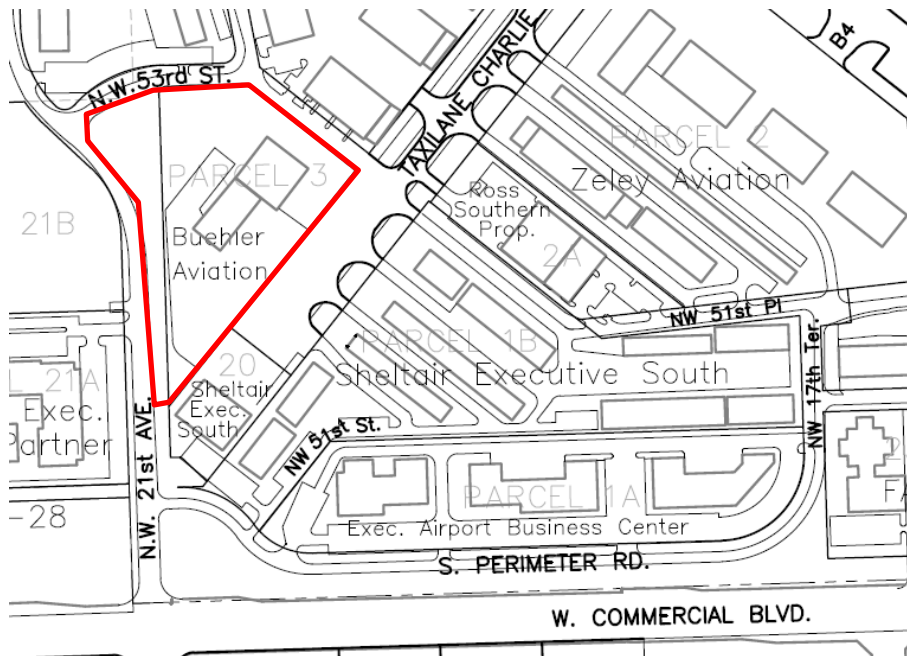
BSO approached Airport staff with a request to continue operating at FXE and establish a relationship to directly lease Parcel 3. Staff contracted with the appraisal firm Slack, Johnston & Magenheimer (SJM) to prepare an appraisal report of the fair market improvement rental analysis of the improved Parcel. The analysis provides a basis for establishing the fair market annual rent for the existing hangar facility, the aircraft ramp area and vehicular paved parking areas, excluding the underlying land.

SJM conducted a survey of aeronautical pavement and building rental rates at similar general aviation airports nationwide. The information collected was considered to be of good quality and indicative of fair market annual rental rates for the pavement and building on the subject property. The airports and rental rates were compared based on use and activity characteristics. Based on the overall analysis, SJM estimated the fair market rent for the hangar building to be \$7.35 psf, and the improved pavement to be \$0.05 psf. The underlying land is \$0.40 psf, which is determined through an appraisal method and is set for a three (3) year term.


BSO is requesting a long-term Lease Agreement to commence on October 20, 2019 and has agreed to a Lease term consisting of Five (5) years to continue through October 19, 2024. The terms also include Two (2) Five (5) year options to renew. In addition, BSO has agreed with the appraisal analysis resulting in a new annual rent payment of \$300,000 (\$25,000 monthly) with annual Consumer Price Index adjustments.

Staff Recommendation

Staff recommends that the City Commission enter into a Lease Agreement with Broward Sheriff's Office to lease the hangar and other improvements on Parcel 3 for a term of Five (5) years at a rate of \$300,000 per year with annual CPI adjustments.



ITEM 2

DATE: August 22, 2019
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Manager 
SUBJECT: Executive Airport – Termination of Lots 23 & 24 with Cypress Commerce Ltd.

Cypress Commerce Ltd. (CCL) leases Lots 23 & 24 (Exhibit 1) in the Airport Industrial Park (AIP) at the Fort Lauderdale Executive Airport as a result of an Assignment of Lease in 1994. Lots 23 & 24 consist of 4.9 acres (213,840 sq. ft.) of non-aviation property and have been improved with the construction of two single story office service facilities totaling 60,000 square feet.

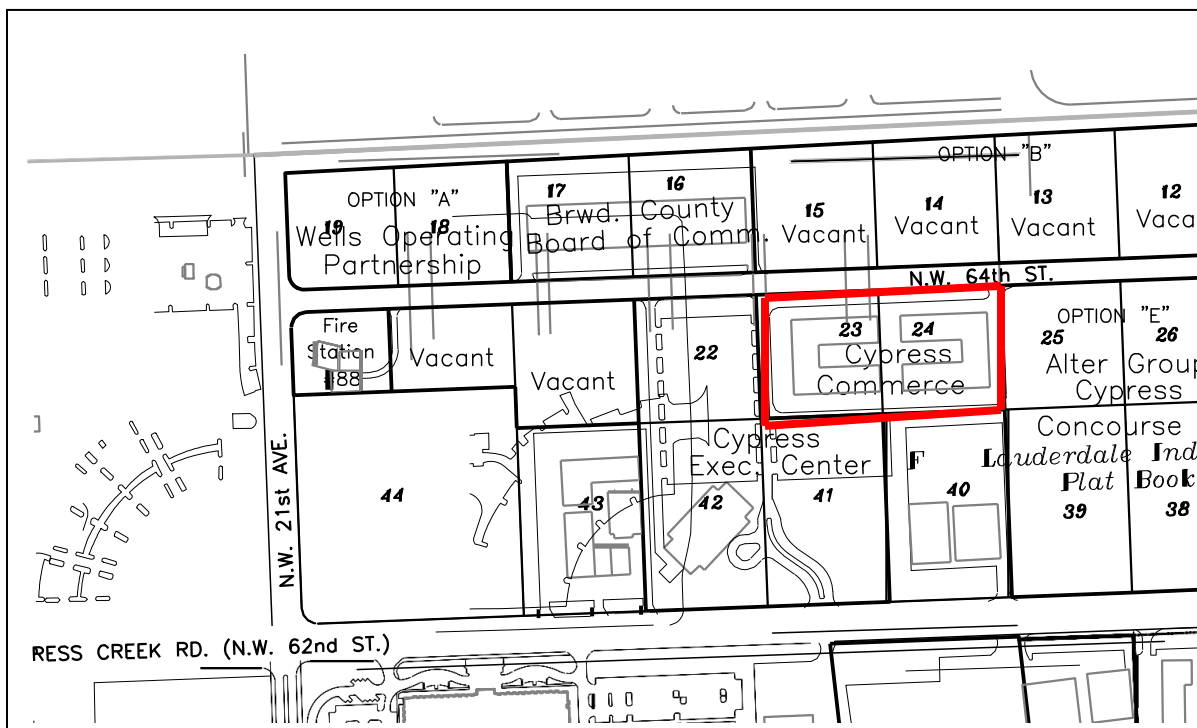
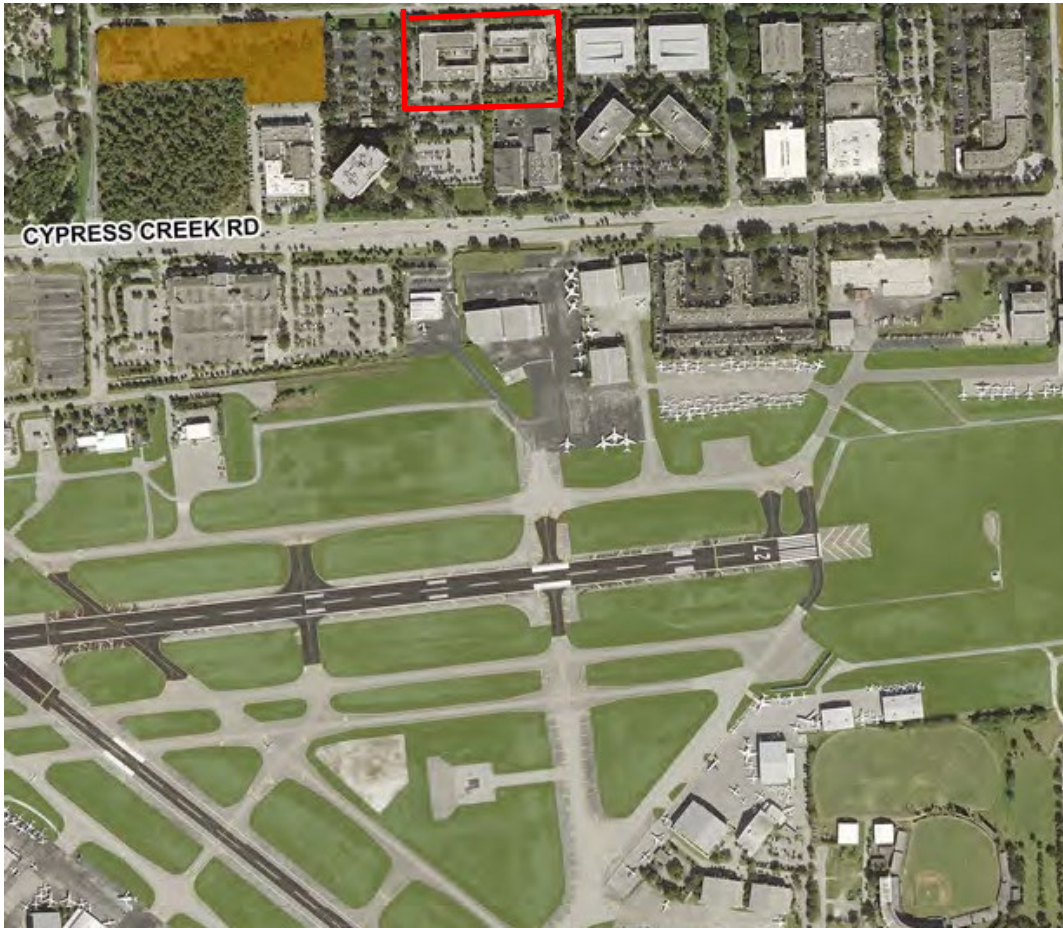
The original Lease commenced in 1985 and has a term of 50 years, expiring in 2035 with an option to extend for an additional 35 years. The Lease payments are \$155,067.19 per year and are adjusted every five years using the Consumer Price Index (CPI) method. The next adjustment period is October 1, 2020.

CCL is currently in default of the Lease Agreement for nonpayment of sales tax (\$9,456.33) on 2017 property taxes. In accordance with the Florida Department of Revenue Sales and Use Tax on Commercial Real Property, a Florida state sales tax is due on the total rent charged for renting, leasing, or granting a license to use commercial property.

Airport staff issued Notice of Default letters to CCL advising of the unpaid sales tax and their lease obligations. Additionally, on August 9, 2016 a Notice of Lease Termination letter was sent to CCL. Cypress Commerce, Ltd. has been afforded ample opportunity to resolve the unpaid 2017 sales tax on property tax and bring the Lease into compliance.

Staff Recommendation

Staff recommends that the City Commission authorize termination of the Lease for Lots 23 and 24 with Cypress Commerce Ltd. in accordance with the Lease Agreement.



ITEM 3

DATE: August 22, 2019
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Manager
BY: Fernando Blanco, Airport Engineer/Project Manager II
SUBJECT: Taxiway Foxtrot Relocation – Federal Aviation Administration Grant Acceptance - Project 12243

A review of the current Airport Layout Plan by the Federal Aviation Administration (FAA) determined that the portion of Taxiway Foxtrot, east of Runway 13-31, did not meet the runway/taxiway centerline separation requirement. The taxiway is located 305 feet from the centerline of Runway 9-27, instead of the required 400-foot distance (Exhibit 1). The FAA is requiring that this portion be relocated to the required separation distance in order to comply with current FAA runway/taxiway separation criteria.

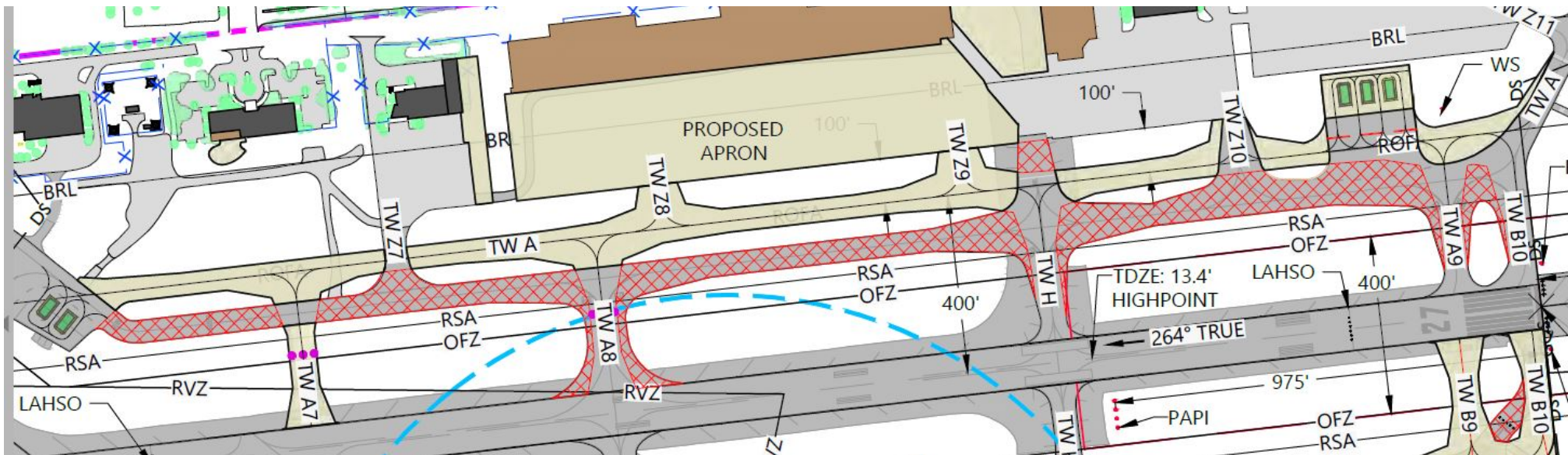
The project involves the demolition of the existing 3,200 linear feet of taxiway pavement, including lights and guidance signs, construction of new asphalt paved taxiway including grading, subgrade, limerock base course, pavement striping, new taxiway LED edge-lights, and guidance signs. The existing run-up apron located between taxiways Delta and Sierra will be demolished and a new run-up area will be constructed in its place. The project also involves the replacement of the existing Sheltair drainage retention areas currently under construction.

Construction plans and specifications were developed to address the above scope. The project was advertised and bids were submitted on June 24, 2019. The low bid was submitted in the amount of \$7,700,000. Construction inspection and administrative services costs are anticipated to be \$795,701 and will be provided by Kimley-Horn. Total project costs for the construction phase would be \$8,495,701. Airport staff submitted a grant application to the FAA for a grant in the amount of \$7,646,132, or 90% of the anticipated project costs.


After review of the project scope, the FAA has indicated that they will be participating in the paving and lighting portion of the project, and not in any of the costs associated with the Sheltair drainage. This amount totals \$6,830,544, of which 90% would be \$6,147,489. However, at this time the FAA only has \$5,205,625 in grant funding that can be allocated to this project leaving a funding shortfall of \$3,290,075. The Florida Department of Transportation (FDOT) has indicated that they can provide a supplemental grant, in the amount of \$177,535, for a total of \$424,785, or 5% of the \$8,495,701 project cost. The Airport will provide the grant match amount for the FDOT grant. The Airport has also agreed to fund the remaining amount of \$2,440,505 through a budget amendment, until such time as additional FAA funding becomes available.

Staff Recommendation

Staff recommends that the City be authorized to accept a grant, in the amount of \$5,205,625, from the Federal Aviation Administration for costs associated with the Taxiway Foxtrot Relocation project and that the City execute the grant when offered.



ITEM 4

DATE: August 22, 2019
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Manager
BY: Fernando Blanco, Airport Engineer/Project Manager II
SUBJECT: Taxiway Foxtrot Relocation - Project 12243 – Kimley-Horn and Associates, Inc. - Task Order No. 1-Amendment #1

The Federal Aviation Administration (FAA) has requested that the eastern section of Taxiway Foxtrot be relocated from its current location of 305' north of Runway 9-27 to 400'. This relocation is required to meet current FAA separation criteria. The project involves the demolition of the existing 3,200 linear feet of taxiway pavement, including lights and guidance signs, construction of new asphalt paved taxiway including grading, subgrade, limerock base course, pavement striping, new taxiway LED edge-lights, and guidance signs. The existing run-up apron located between taxiways Delta and Sierra will be demolished and a new run-up area will be constructed.


Task Order No. 1, in the amount of \$390,002, was approved at the December 7, 2018 Commission meeting. This Task Order Amendment No. 1 is required for adjustment of cost to the original Task Order amount. The original design schedule for this project was 150 Working Days. Due to delays in the award of the Task Order, the design schedule was reduced to 86 Working Days to meet the Federal Aviation Administration grant date. The change in the schedule required additional staff hours in the amount of \$44,285. This Task Order amendment consisted of conducting airport staff review meetings, preparing construction plans, and bid specifications.

Staff has reviewed both the task order and fees and found both to be acceptable. Funds for this task order are available from within the Airport's approved CIP.

Staff Recommendation

Staff recommends approval of Task Order No. 1-Amendment #1 with Kimley-Horn and Associates, Inc., in the amount of \$44,285.

UPDATE ITEM A

DATE: August 22, 2019
 TO: Aviation Advisory Board 
 FROM: Rufus A. James, Airport Manager
 BY: Florence Straugh
 SUBJECT: Noise Compatibility Program

Aircraft Noise Reports

Over the past several months, the Airport has received a high number of noise calls and/or noise reports for aircraft noise associated with aircraft from other airports. Upon analyzing the noise report and confirming the location of the noise reporter, the Airport ensures that appropriate contact information for the other airport is provided to the noise reporter. Below is a table listing the number of calls and percentage of calls per month for aircraft noise associated with aircraft operating at other airports. The table also lists the total number of noise reports received by FXE.

Monthly Noise Reports

	18-Jun	18-Jul	18-Aug	18-Sep	18-Oct	18-Nov	18-Dec	19-Jan	19-Feb	19-Mar	19-Apr	19-May	19-Jun	19-Jul
# Noise Reports - FLL & Other Overflights	0	1	0	0	2	7	8	24	3	1	3	9	5	5
Total Noise Reports	8	12	4	13	16	38	51	48	15	24	12	23	14	12
Percentage of FLL & Others to Total	0%	8%	0%	0%	13%	18%	16%	50%	20%	4%	25%	39%	36%	42%

Monthly Noise and Operations Tables

The tables below summarize of the monthly noise statistics for June and July 2019 and attached are the corresponding noise tables and graphs.

	Jun-19
Total Jet Departures	986
Runway 27 Jet Departures	180
Runway 9 Jet Departures	713
Runway 13-31 Jet Departures	1
Total I-95 Turns - Rwy 9 Jet Deps	408
% I-95 Turns - Rwy 9 Jet Deps	57%
Jet Events over 80 dB at Monitor #1	11
Jet Events over 80 dB at Monitor #2	1
No. of Households Reporting	5
No. of Noise Reports	14

Runway 27 Jet Departures	202
Runway 9 Jet Departures	578
Runway 13-31 Jet Departures	1
Total I-95 Turns - Rwy 9 Jet Deps	332
% I-95 Turns - Rwy 9 Jet Deps	57%
Jet Events over 80 dB at Monitor #1	20
Jet Events over 80 dB at Monitor #2	4
No. of Households Reporting	4
No. of Noise Reports	12

	Jul-19
Total Jet Departures	781



COOPERATIVE NOISE ABATEMENT EFFORT

Month of June

July 25, 2019

Operations	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
Total Jet Departures	992	887	911	786	971	1273	1129	1216	1108	1299	1149	986	986
Runway 27 Jet Departures	300	181	27	29	172	368	443	516	202	362	260	111	180
Runway 9 Jet Departures	689	705	883	752	799	899	677	692	905	934	883	871	713
Runway 13/31 Jet Departures	3	1	1	5	0	6	9	8	1	3	6	3	1
Jet Departures Rwy 9													
Total I-95 Turns	419	407	507	459	495	539	403	411	480	492	488	518	408
% I-95 Turns	61%	58%	57%	61%	62%	60%	60%	59%	53%	53%	55%	59%	57%
Jets over 80 dB at Monitor #2	1	4	4	2	3	3	3	0	3	2	2	0	1
Prop Departures Rwy 9													
Props over 80 dB at Monitor #2	3	4	3	6	6	9	9	16	11	8	7	2	4
Nighttime Jet Deps (10 p.m. - 7 a.m.)													
Total Nighttime Jet Departures	83	78	71	65	84	121	100	101	96	87	94	92	67
Nighttime Rwy 27 Jet Deps.	27	8	0	5	14	31	34	40	21	33	19	12	10
Nighttime Rwy 9 Jet Deps.	56	70	71	60	70	90	66	61	75	54	75	79	57
Nighttime Rwy 13/31 Jet Deps.	0	0	0	0	0	0	0	0	0	0	0	1	0
Nighttime Jet Deps Runway 9													
Nighttime I-95 Turns (11 p.m.-7 a.m.)	42	46	52	43	43	55	41	34	47	36	45	48	34
Nighttime Straight-Out (11 p.m. - 7 a.m.)	10	18	13	14	10	17	12	15	16	11	16	19	13
Nighttime Events Over 80 dB	0	0	0	0	1	1	0	0	0	0	0	0	0
Noise Reports	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
Noise Reports by Aircraft Category at FXE													
# Noise Reports - Jets	2	7	3	8	9	20	28	11	4	12	5	7	3
# Noise Reports - Propellers	6	4	1	5	4	11	14	11	8	10	3	6	6
# Noise Reports - Helicopters	0	0	0	0	0	0	1	2	0	1	1	1	0
# Noise Reports - Unmatched	0	0	0	0	1	0	0	0	0	0	0	0	0
# Noise Reports - FLL & Other Overflights	0	1	0	0	2	7	8	24	3	1	3	9	5
Total Noise Reports	8	12	4	13	16	38	51	48	15	24	12	23	14
# Households Reporting	4	7	3	5	8	14	20	10	12	14	6	4	5

Notes:

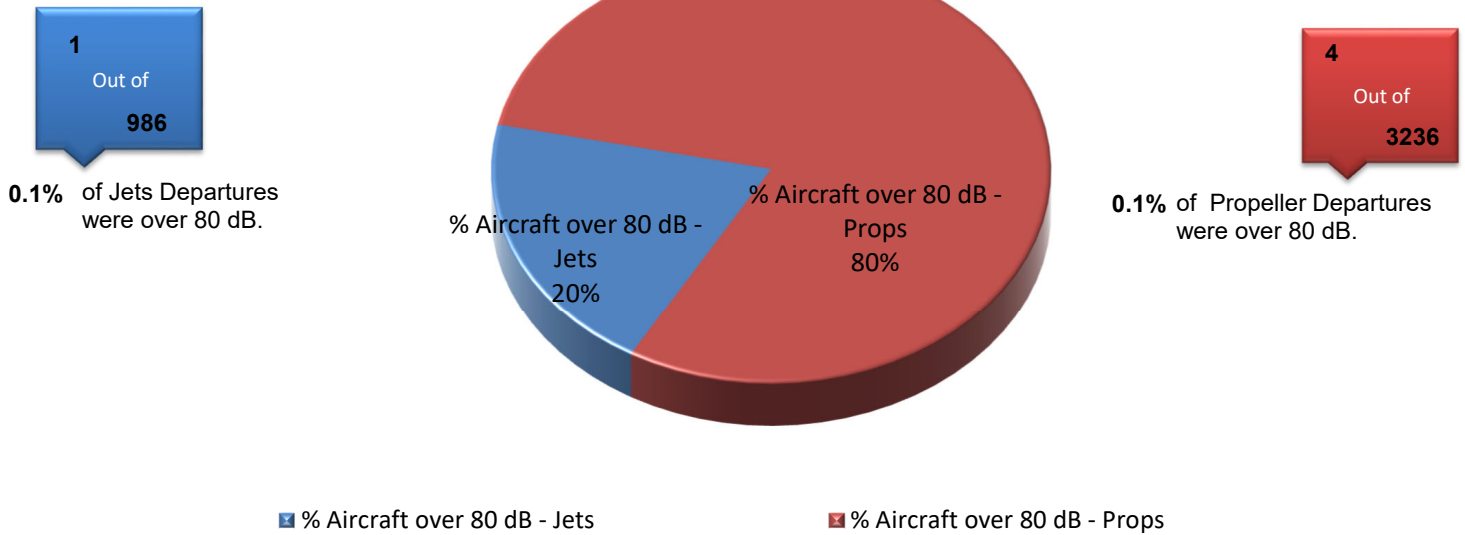
COOPERATIVE NOISE ABATEMENT EFFORT

Month of June

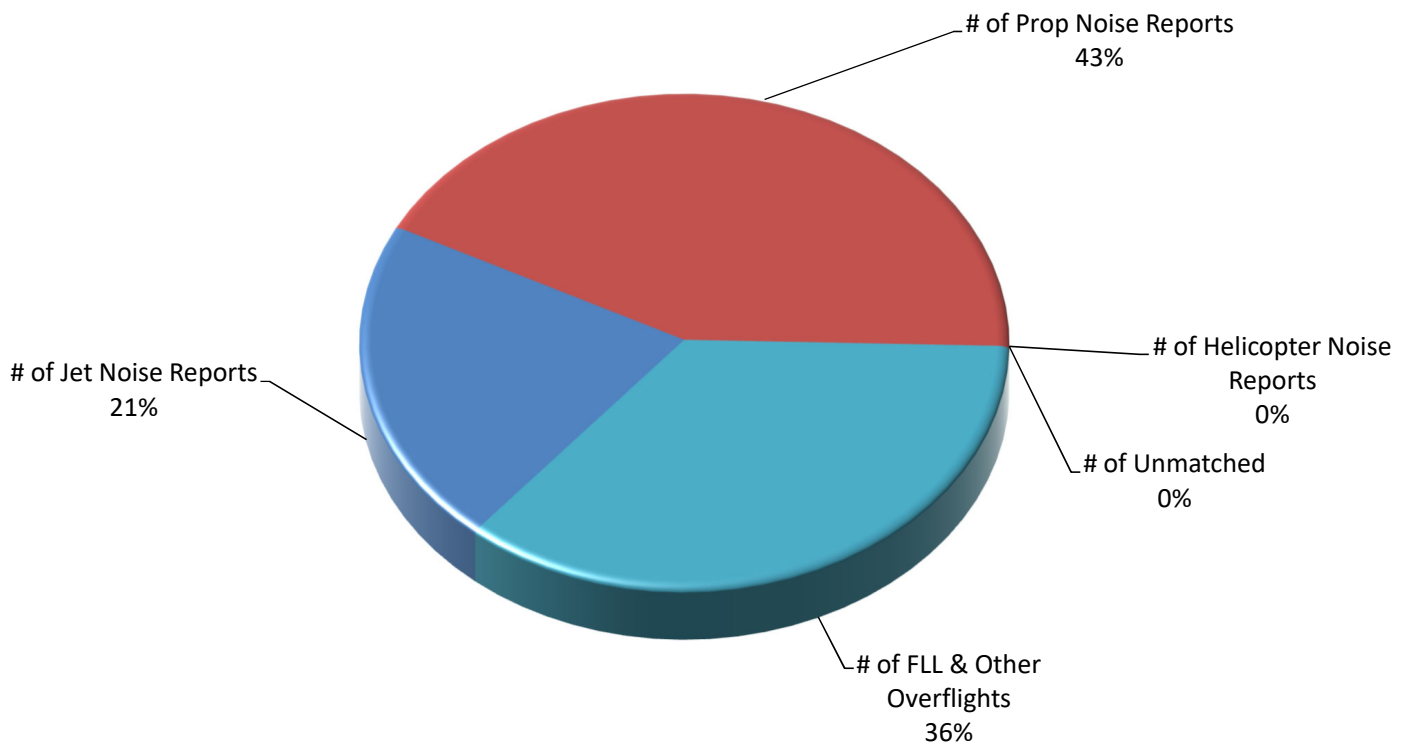
July 25, 2019

Monthly Operations over 80dB Per Airplane Type

Percentage of Departures Over 80 dB per Airplane Type: 0.1%



Monthly Noise Reports Per Airplane Type



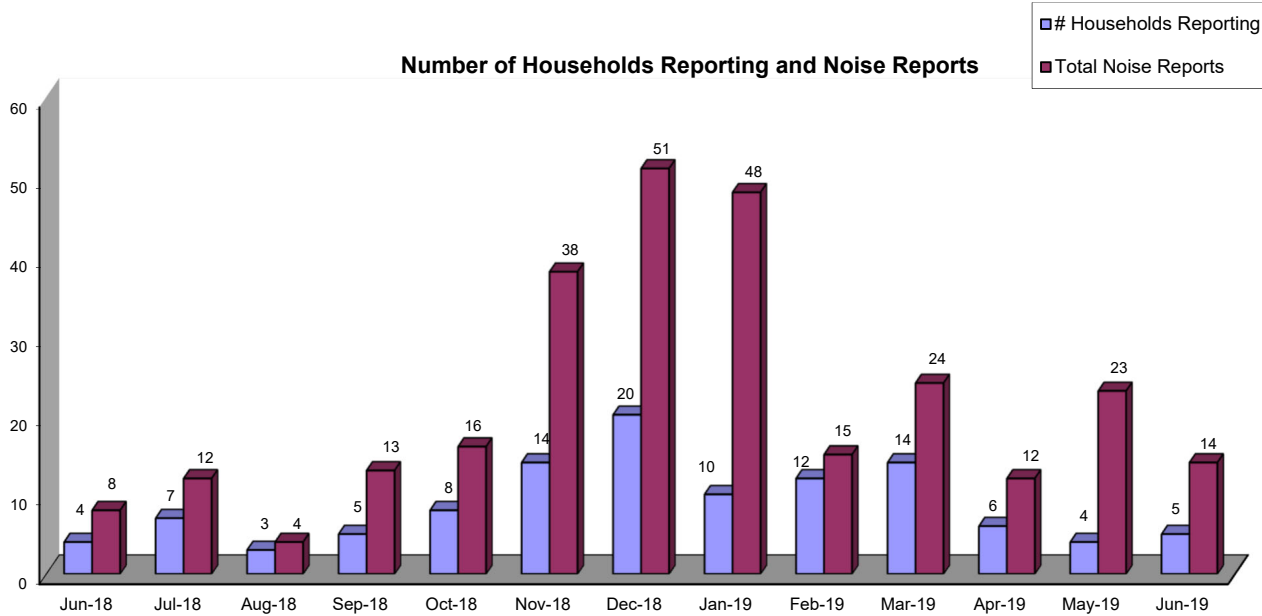
COOPERATIVE NOISE ABATEMENT EFFORT

Month of June

July 25, 2019

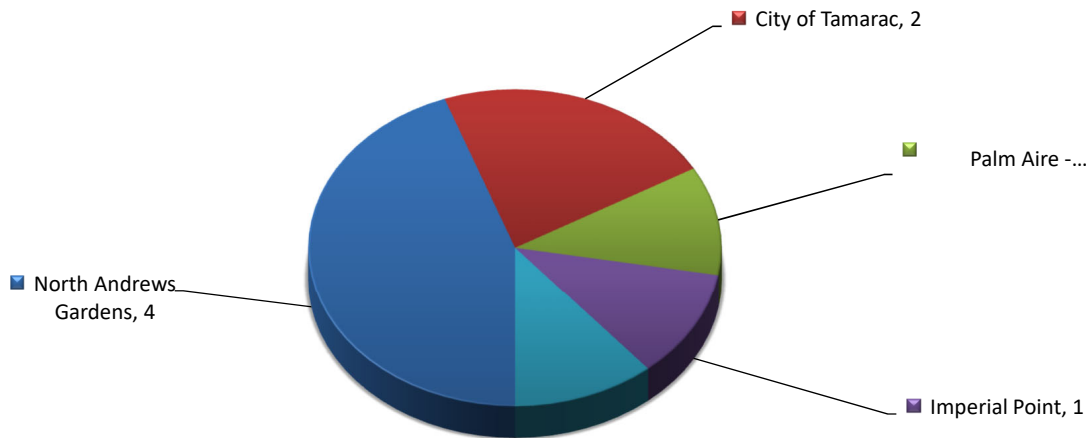
Number of households that contacted FXE to report aircraft noise this month:

5



Noise Reports by Households
5 Households Made 9 Aircraft Noise Reports or 64% of the 14 Total Noise Reports

Note: 36% of the Noise Reports regarded FLL, overflights, or other airports, and were incorrectly submitted to FXE.
 Note: 5 Households made 100% of the Noise Reports for FXE.





COOPERATIVE NOISE ABATEMENT EFFORT

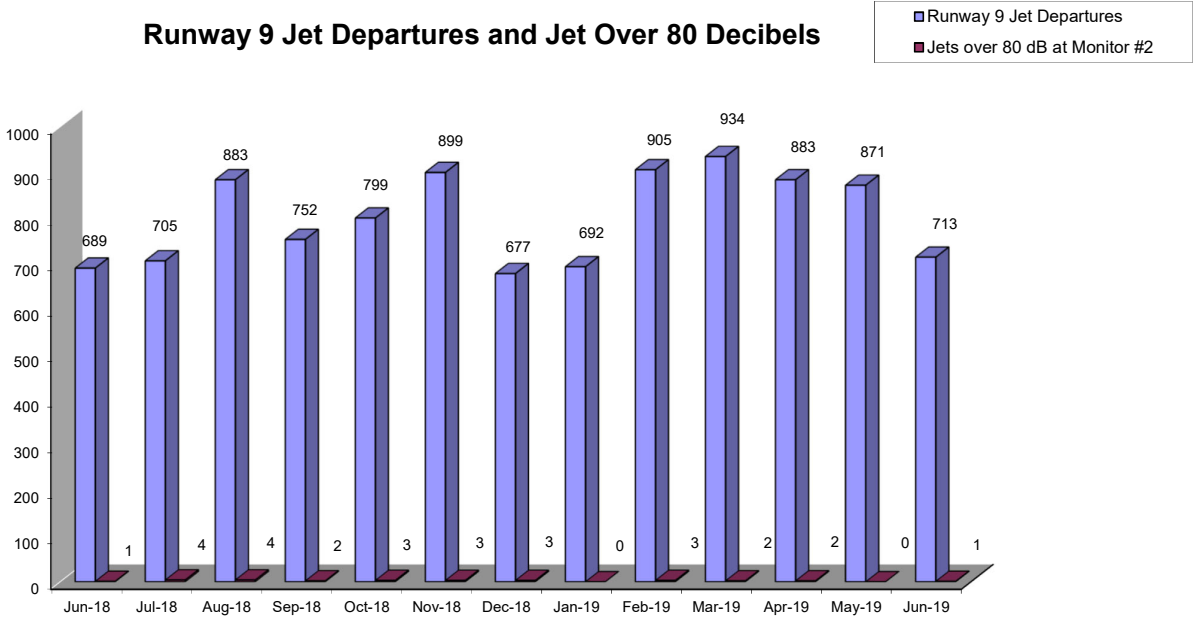
Month of June

July 25, 2019

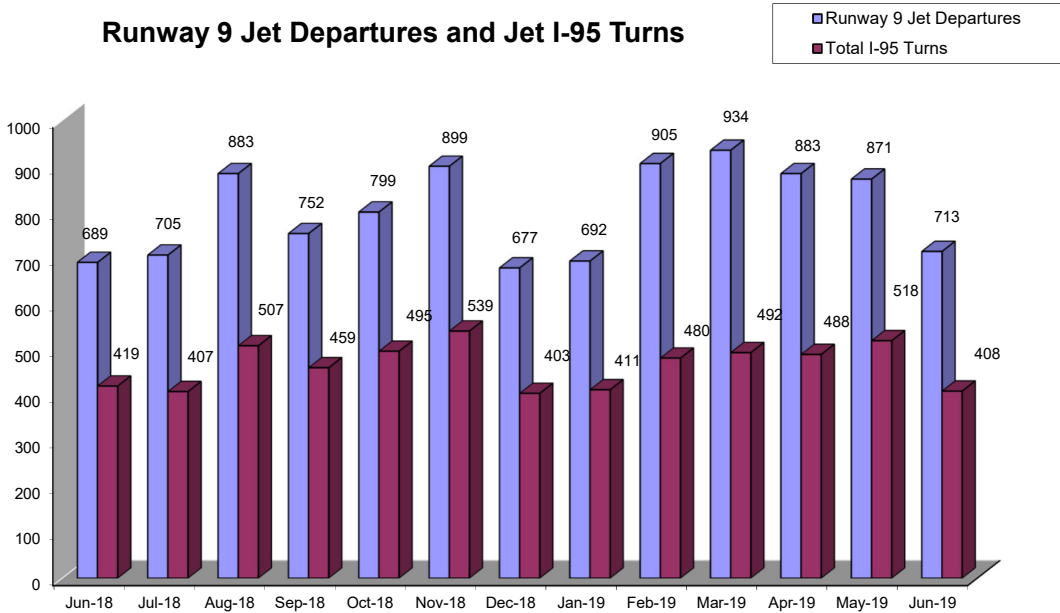
Number of Runway 9 Jet Departures over 80 decibels:

1

Runway 9 Jet Departures and Jet Over 80 Decibels



Runway 9 Jet Departures and Jet I-95 Turns

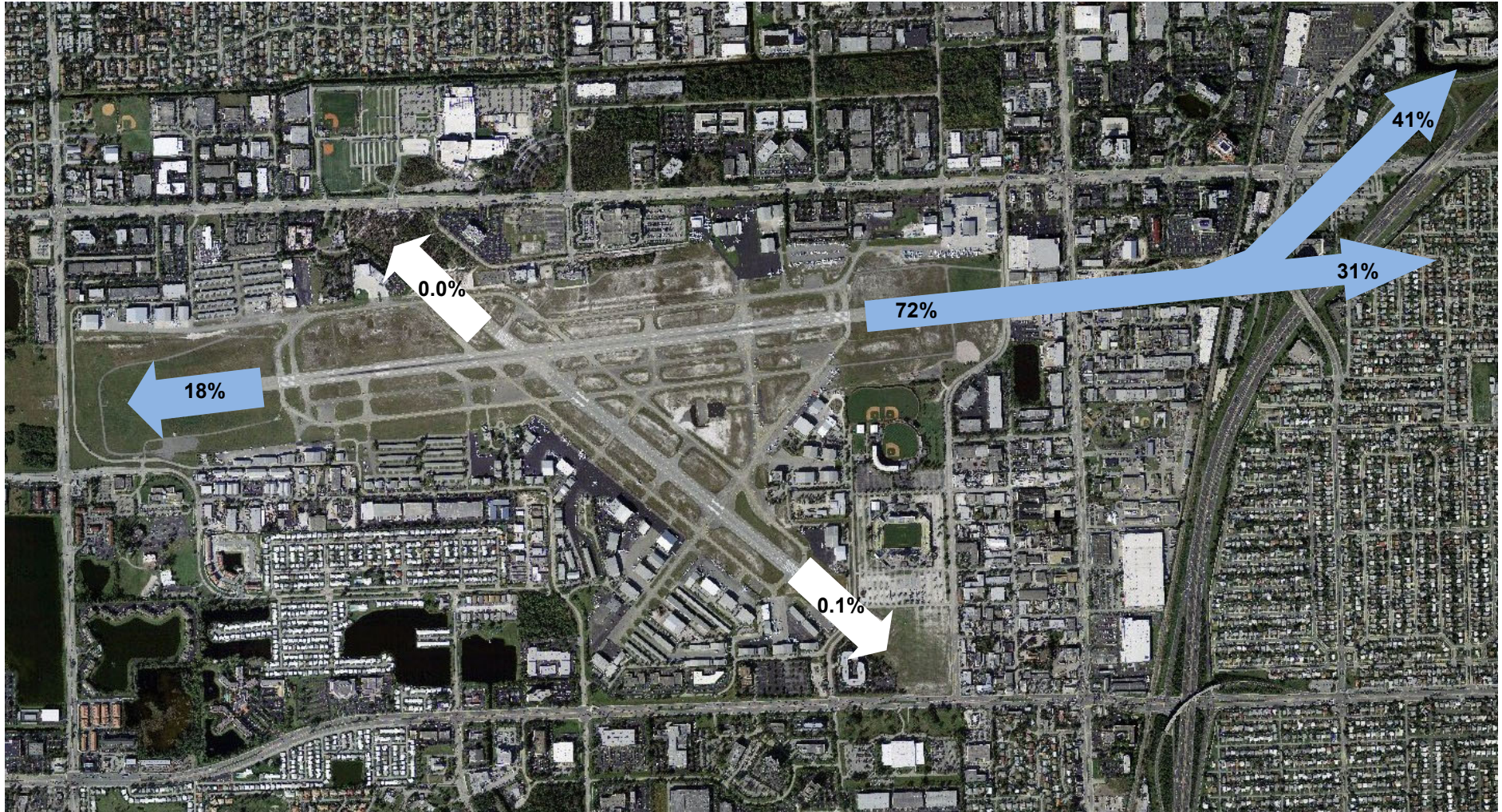


COOPERATIVE NOISE ABATEMENT EFFORT

Month of June

July 25, 2019

Percentage of Jet Departures Per Runway



COOPERATIVE NOISE ABATEMENT EFFORT

Month of June

July 25, 2019

ARRIVAL NOISE REPORTS

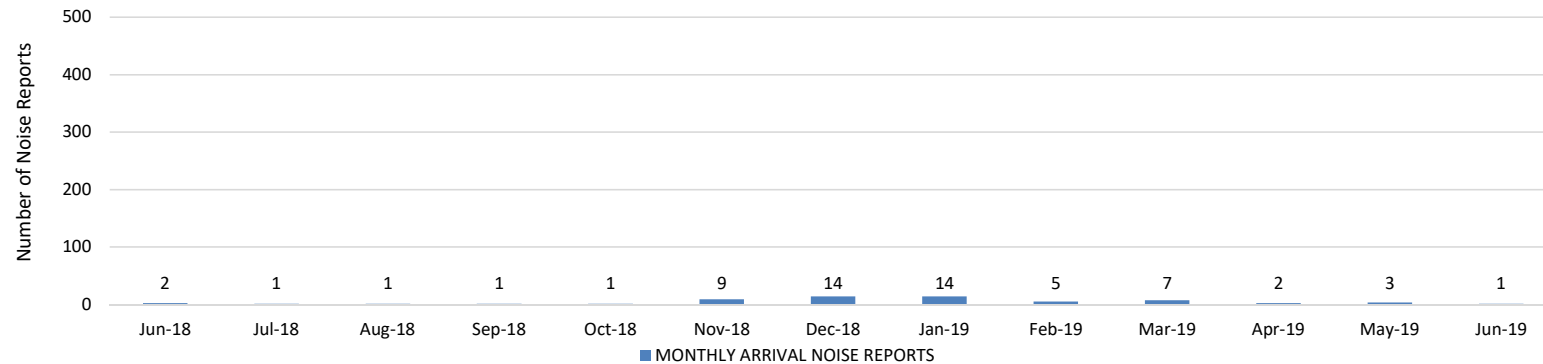
Operations

Jun-18 Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-18 Jan-19 Feb-19 Mar-19 Apr-19 May-19 Jun-19 TOTALS

NOISE REPORTS: ARRIVALS

	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	TOTALS
# Noise Reports - Runway 9 Arrivals														
Jet	0	1	1	0	0	0	0	1	0	1	1	1	1	7
Prop	0	0	0	1	1	0	0	0	0	1	0	0	0	3
# Noise Reports - Runway 13 Arrivals														
Jet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prop	0	0	0	0	0	0	2	0	0	0	0	0	0	2
# Noise Reports - Runway 27 Arrivals														
Jet	0	0	0	0	0	7	8	2	3	2	0	1	0	23
Prop	1	0	0	0	0	1	3	5	2	0	0	1	0	13
# Noise Reports - Runway 31 Arrivals														
Jet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prop	1	0	0	0	0	1	0	4	0	2	0	0	0	8
# Noise Reports - Helicopters Arrivals														
Helicopters	0	0	0	0	0	0	1	2	0	1	1	0	0	5
MONTHLY ARRIVAL NOISE REPORTS	2	1	1	1	1	9	14	14	5	7	2	3	1	0

Monthly Arrival Noise Reports





COOPERATIVE NOISE ABATEMENT EFFORT

Month of July

August 22, 2019

Operations	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19
Total Jet Departures	889	911	782	976	1267	1126	1217	1115	1297	1146	988	896	781
Runway 27 Jet Departures	181	27	29	172	368	443	516	202	362	260	111	180	202
Runway 9 Jet Departures	705	883	752	799	899	677	692	905	934	883	871	713	578
Runway 13/31 Jet Departures	3	1	1	5	0	6	9	8	1	3	6	3	1
Jet Departures Rwy 9													
Total I-95 Turns	407	507	459	495	539	403	411	480	492	488	518	408	332
% I-95 Turns	58%	57%	61%	62%	60%	60%	59%	53%	53%	55%	59%	57%	57%
Jets over 80 dB at Monitor #2	4	4	2	3	3	3	0	3	2	2	0	1	4
Prop Departures Rwy 9													
Props over 80 dB at Monitor #2	4	3	6	6	9	9	16	11	8	7	2	4	6
Nighttime Jet Deps (10 p.m. - 7 a.m.)													
Total Nighttime Jet Departures	78	71	65	84	121	100	101	96	87	94	92	67	62
Nighttime Rwy 27 Jet Deps.	8	0	5	14	31	34	40	21	33	19	12	10	24
Nighttime Rwy 9 Jet Deps.	70	71	60	70	90	66	61	75	54	75	79	57	38
Nighttime Rwy 13/31 Jet Deps.	0	0	0	0	0	0	0	0	0	0	1	0	0
Nighttime Jet Deps Runway 9													
Nighttime I-95 Turns (11 p.m.-7 a.m.)	46	52	43	43	55	41	34	47	36	45	48	34	21
Nighttime Straight-Out (11 p.m. - 7 a.m.)	18	13	14	10	17	12	15	16	11	16	19	13	11
Nighttime Events Over 80 dB	0	0	0	1	1	0	0	0	0	0	0	0	0
Noise Reports	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19
Noise Reports by Aircraft Category at FXE													
# Noise Reports - Jets	7	3	8	9	20	28	11	4	12	5	7	3	4
# Noise Reports - Propellers	4	1	5	4	11	14	11	8	10	3	6	6	2
# Noise Reports - Helicopters	0	0	0	0	0	1	2	0	1	1	1	0	1
# Noise Reports - Unmatched	0	0	0	1	0	0	0	0	0	0	0	0	0
# Noise Reports - FLL & Other Overflights	1	0	0	2	7	8	24	3	1	3	9	5	5
Total Noise Reports	12	4	13	16	38	51	48	15	24	12	23	14	12
# Households Reporting	7	3	5	8	14	20	10	12	14	6	4	5	4

Notes:

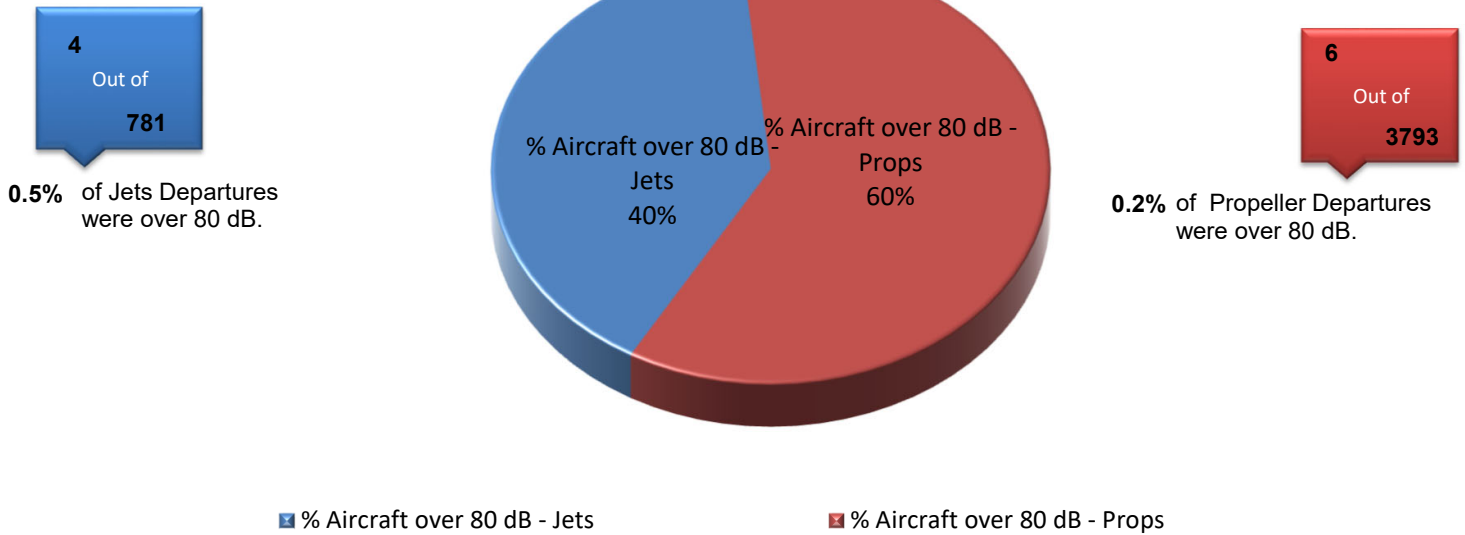
COOPERATIVE NOISE ABATEMENT EFFORT

Month of July

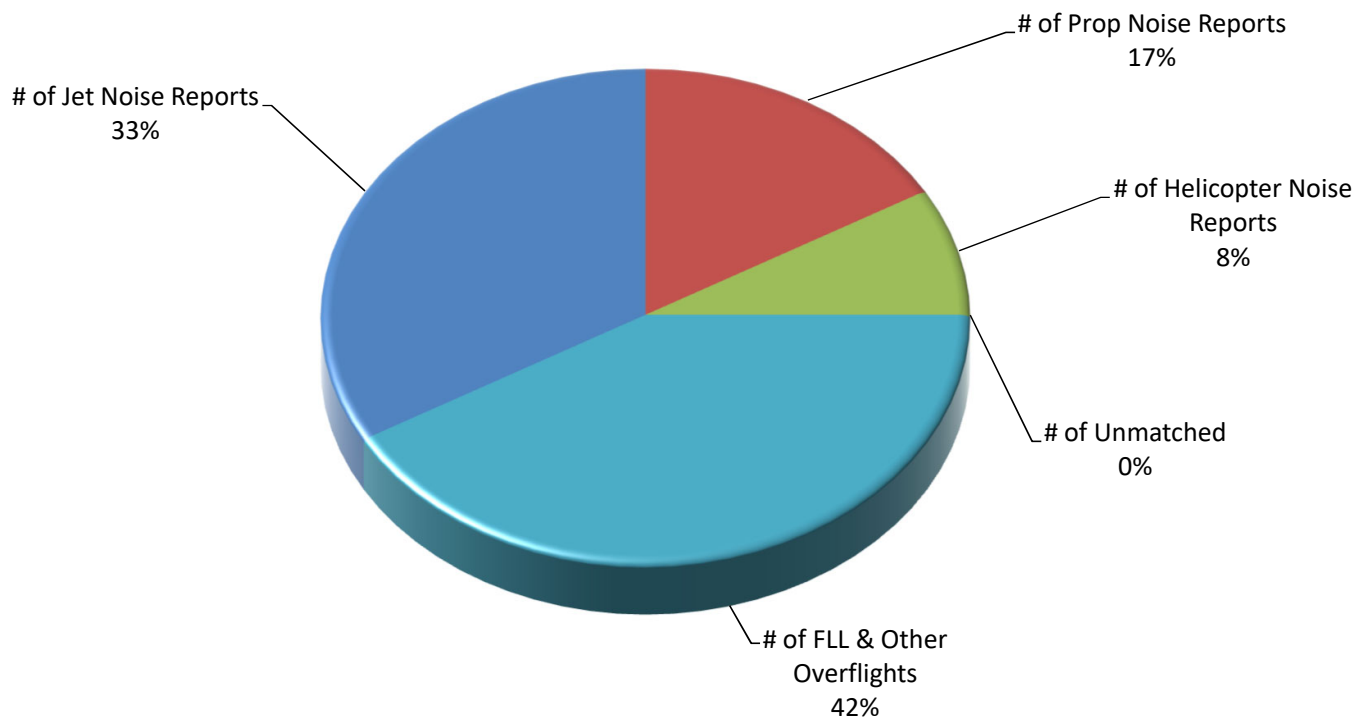
August 22, 2019

Monthly Operations over 80dB Per Airplane Type

Percentage of Departures Over 80 dB per Airplane Type: 0.2%



Monthly Noise Reports Per Airplane Type



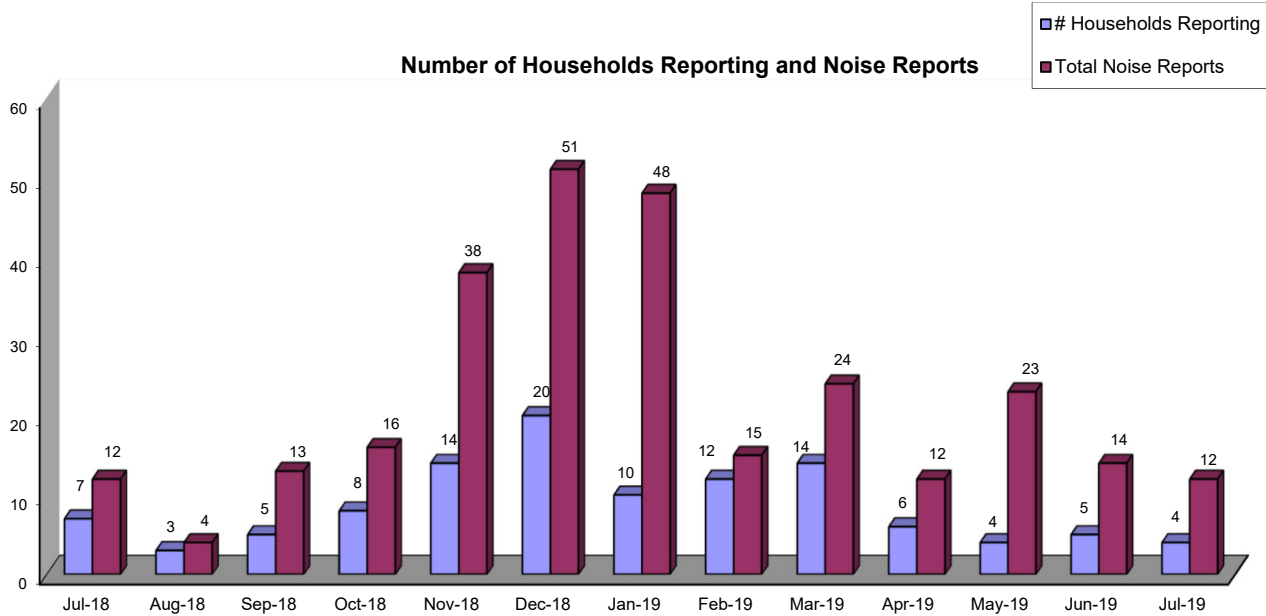
COOPERATIVE NOISE ABATEMENT EFFORT

Month of July

August 22, 2019

Number of households that contacted FXE to report aircraft noise this month:

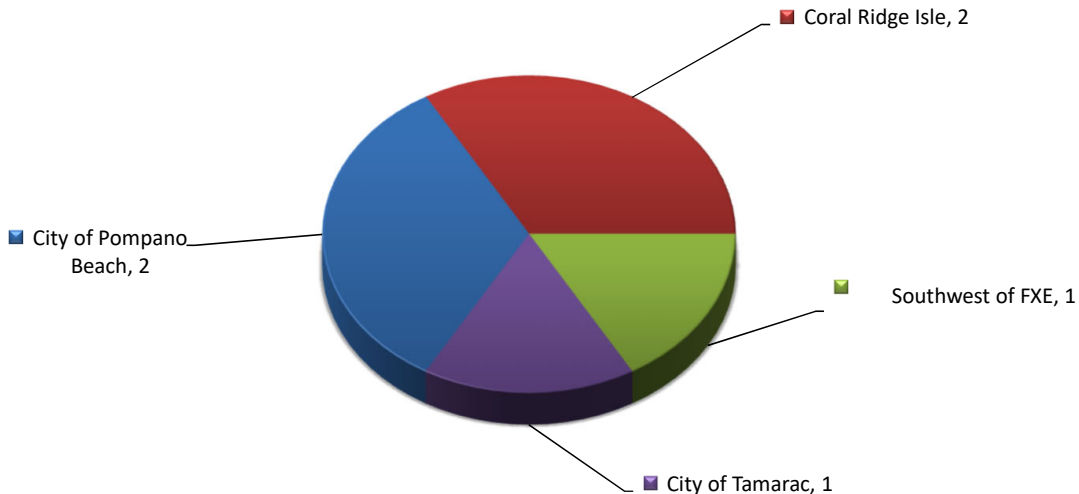
4



Noise Reports by Households

4 Households Made 6 Aircraft Noise Reports or 50% of the 12 Total Noise Reports

Note: 42% of the Noise Reports regarded FLL, overflights, or other airports, and were incorrectly submitted to FXE.
 Note: 4 Households made 100% of the Noise Reports for FXE.





COOPERATIVE NOISE ABATEMENT EFFORT

Month of July

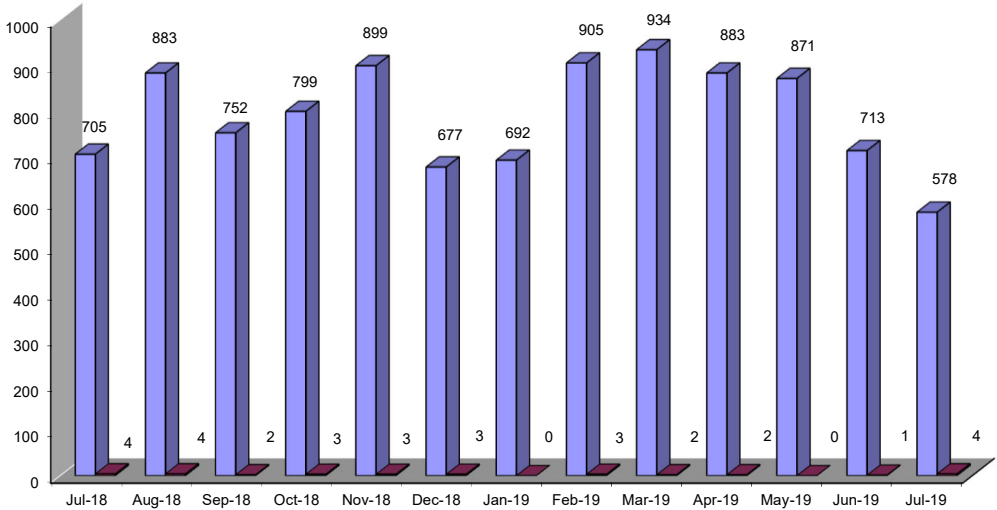
August 22, 2019

Number of Runway 9 Jet Departures over 80 decibels:

4

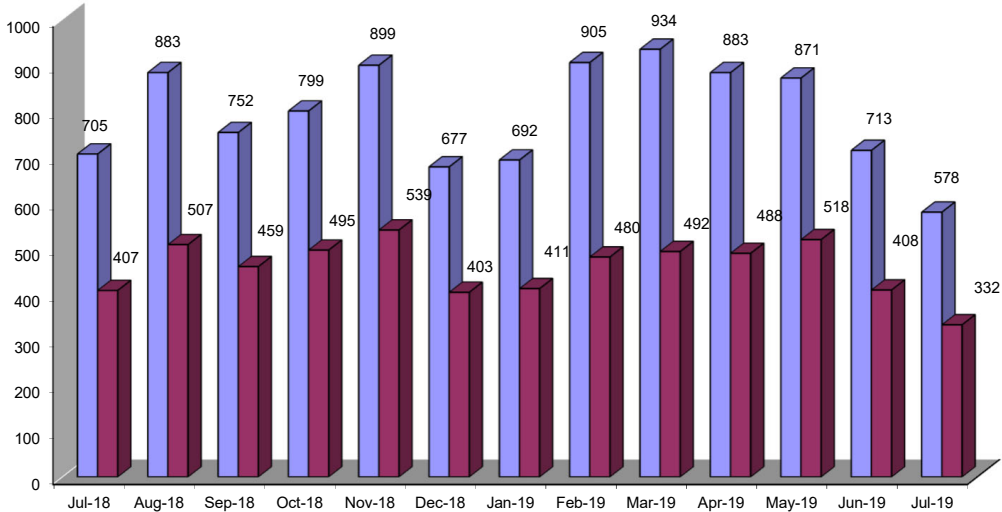
Runway 9 Jet Departures and Jet Over 80 Decibels

- Runway 9 Jet Departures
- Jets over 80 dB at Monitor #2



Runway 9 Jet Departures and Jet I-95 Turns

- Runway 9 Jet Departures
- Total I-95 Turns

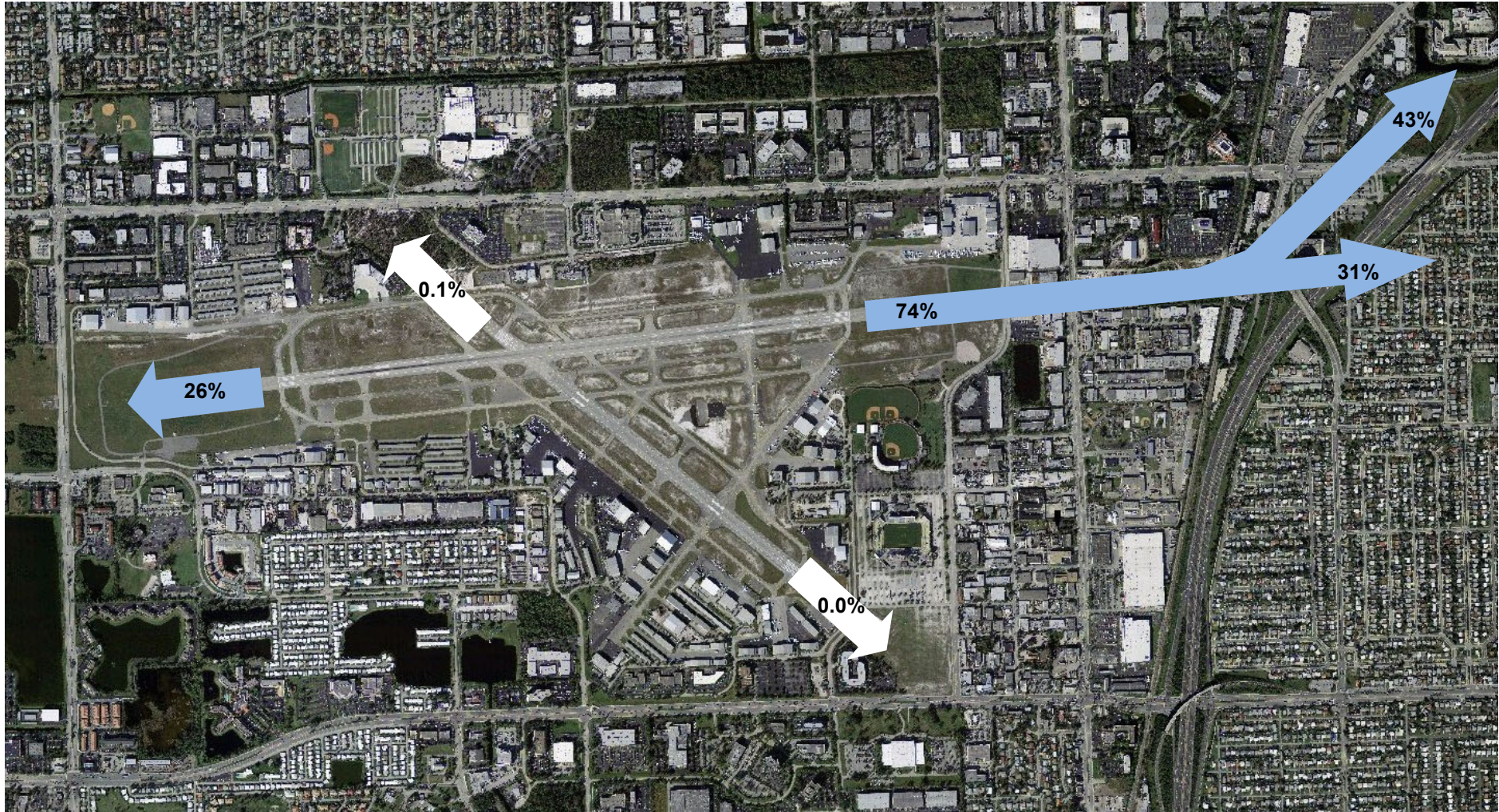


COOPERATIVE NOISE ABATEMENT EFFORT

Month of July

August 22, 2019

Percentage of Jet Departures Per Runway



COOPERATIVE NOISE ABATEMENT EFFORT

Month of July

August 22, 2019

ARRIVAL NOISE REPORTS

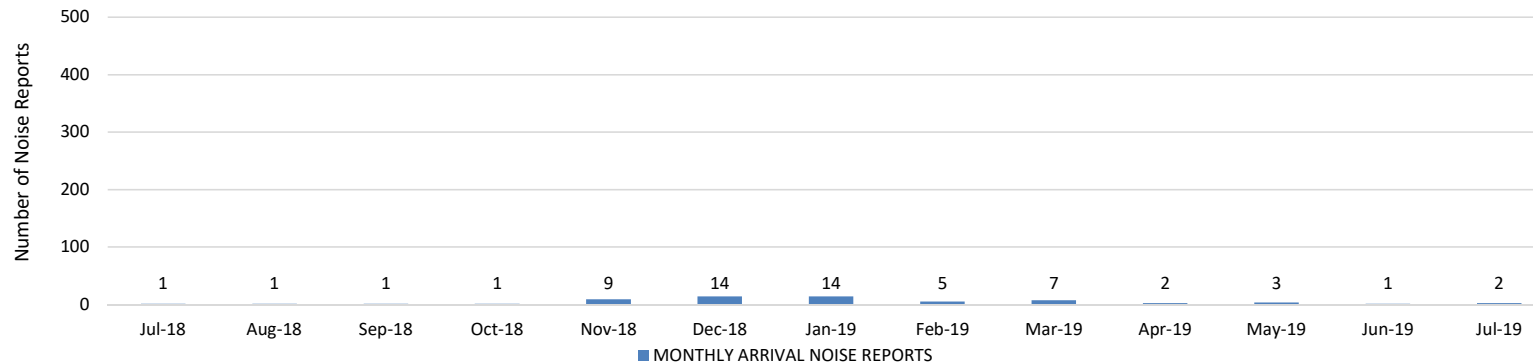
Operations

Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-18 Jan-19 Feb-19 Mar-19 Apr-19 May-19 Jun-19 Jul-19 TOTALS

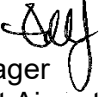
NOISE REPORTS: ARRIVALS

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	TOTALS
# Noise Reports - Runway 9 Arrivals														
Jet	1	1	0	0	0	0	1	0	1	1	1	1	0	7
Prop	0	0	1	1	0	0	0	0	1	0	0	0	0	3
# Noise Reports - Runway 13 Arrivals														
Jet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prop	0	0	0	0	0	2	0	0	0	0	0	0	0	2
# Noise Reports - Runway 27 Arrivals														
Jet	0	0	0	0	7	8	2	3	2	0	1	0	2	25
Prop	0	0	0	0	1	3	5	2	0	0	1	0	0	12
# Noise Reports - Runway 31 Arrivals														
Jet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prop	0	0	0	0	1	0	4	0	2	0	0	0	0	7
# Noise Reports - Helicopters Arrivals														
Helicopters	0	0	0	0	0	1	2	0	1	1	0	0	0	5
MONTHLY ARRIVAL NOISE REPORTS	1	1	1	1	9	14	14	5	7	2	3	1	2	0

Monthly Arrival Noise Reports



UPDATE ITEM B

DATE: August 22, 2019
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Manager
BY: Carlton M. Harrison, Assistant Airport Manager
SUBJECT: Development and Construction

12189 – ELECTRICAL VAULT IMPROVEMENTS

The Fort Lauderdale Executive Airport (FXE) airfield electrical vault houses the lighting and airfield electrical system for the entire airport, as well as an emergency generator. This project consists of the renovation and improvements to the vault to include replacement of the existing constant current regulator (CCR) units with new CCR Units, approximately 500 square foot addition to the existing vault, separating high voltage and low voltage cabling into separate raceways and the installation of lightning protection system. Work is progressing with concrete pours for the ramp into the vault, sidewalk, and air conditioner pads. Major electrical work continues with cable tray installation, wire pulls from junction can plazas to the vault and the first phase of regulator installation.

June 2019

Airport Operations	June-18	June-19
Total Operations	14,633	13,318
12 Month Cumulative	185,290	175,515
Operations 22:00 to 7:00	585	302
Average Operations per Night	20	10
Customs Operations	June-18	June-19
Total Aircraft Cleared	1,031	1,050
12 Month Cumulative	13,154	12,581
Total Passenger/Crew Cleared	5,324	4,230
12 Month Cumulative	52,881	50,676
Helistop Operations	June-18	June-19
Total Operations	78	34
12 Month Cumulative	888	794


Date	Alert Level	AC Type	Problem
6/4/19	I	Katana	Flat nose gear tire
6/17/19	II	Gulfstream	Generator electrical issue
6/20/19	II	Piper Arrow	Unsafe gear indication
6/27/19	I	Cessna 172	Rough running engine

July 2019

Airport Operations	July-18	July-19
Total Operations	14,046	15,466
12 Month Cumulative	184,744	176,935
Operations 22:00 to 7:00	623	303
Average Operations per Night	21	10
Customs Operations	July-18	July-19
Total Aircraft Cleared	1,037	1,065
12 Month Cumulative	13,109	12,609
Total Passenger/Crew Cleared	4,492	4,583
12 Month Cumulative	52,420	50,767
Helistop Operations	July-18	July-19
Total Operations	44	48
12 Month Cumulative	898	798

Date	Alert Level	AC Type	Problem
7/14/19	I	Cessna Skyhawk	Flat nose gear tire
7/17/19	I	Learjet	Brake issue
7/23/19	I	Cessna Skyhawk	Left brake failure
7/25/19	II	Katana	Rough running engine

UPDATE ITEM C

DATE: August 22, 2019
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Manager
BY: Diana McDowell, Administrative Assistant II
SUBJECT: Arrearages

Rent

Lots 23, 24 – Cypress Commerce, Ltd.

- Sales Tax on 2017 Property Taxes \$9,456.33

Fuel Flowage

There are no arrearages to report.