



CITY OF FORT LAUDERDALE

**DRAFT**

**AVIATION ADVISORY BOARD  
FORT LAUDERDALE EXECUTIVE AIRPORT  
ADMINISTRATIVE OFFICE – MULTIPURPOSE ROOM  
6000 NW 21 AVENUE, FORT LAUDERDALE, FLORIDA  
THURSDAY, DECEMBER 7, 2017 1:30 P.M.**

	Attendance	Cumulative Attendance 7/17 through 6/18	
		Present	Absent
Ed Kwoka, Chair	P	4	0
Ed Rebholz, Vice Chair	P	4	0
Louis Gavin	A	2	2
Joshua Kroon (by phone)	P	2	2
Vacant			
Tom Moody	A	3	1
Stephen O'Malley	P	4	0
Dana Pollitt	A	3	1
Duke Siotkas	A	2	2
John Watt	P	4	0
Commissioner Marlon Bolton,	P	3	1
City of Tamarac [non-voting] (by phone)			
Jeff Helyer, City of Oakland Park [non-voting]	P	4	0

**Airport Staff**

- Rufus A. James, Airport Manager
- Spencer Thornton, Assistant Airport Manager
- Carlton Harrison, Assistant Airport Manager
- Julie Leonard, Deputy Director, Transportation and Mobility
- Diana McDowell, Financial and Administrative Manager
- Florence Straugh, Noise Abatement Officer
- Fernando Blanco, Airport Engineer/Project Manager II
- Karen Reese, Business Assistance Coordinator
- Donna Varisco, Administrative Assistant I
- Nick Slagle, Airport Operations Aide
- Candace Duff, Assistant City Attorney
- Michael Mitchel, Recording Secretary, Prototype, Inc.

**CALL TO ORDER**

Chair Kwoka called the meeting to order at 1:30 p.m.

**1. Roll Call**

Roll was called and it was noted a quorum was present. The Board and Staff members present introduced themselves. Chair Kwoka requested that any individuals wishing to speak at today's meeting please sign in.

## **VOTING ITEMS**

### **1. Approve Minutes of October 26, 2017 Meeting**

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

### **2. Assignment of Cypress Concourse A, LLC for Lots 18 and 19 to BOF FL 2001 NW 64 LLC**

Mr. James explained that Cypress Concourse A, LLC leases Lots 18 and 19 in Industrial Park. The lease agreement, which was signed in 1998, was for a 50-year term with the option to extend for an additional 25 years. The leased area consists of 4.27 acres with the construction of a 49,997 square foot office building. The current annual rent is \$93,184.14, which is adjusted every five years.

Cypress Concourse A, LLC has requested to sign a ground lease for this property to BOF FL 2001 NW 64 LLC for the purposes of acquiring the leasehold. BOF FL is requesting to mortgage its newly applied interest under the ground lease to Piedmont Lending 2 LLC. The seller and lender are wholly owned subsidiaries of Piedmont Office Realty Trust, Inc.

Assignment of this type is permitted by the terms of the lease, subject to the consent of the City. Staff recommends that the City consent to the assignment, subject to review by the City Attorney's Office.

Mr. James added that there is an existing building on the property which has been well-maintained.

**Motion** made by Mr. Watt, seconded by Mr. O'Malley, to go forward. In a voice vote, the **motion** passed unanimously.

### **3. Prospect Road Complete Streets Project**

Mr. Harrison advised that Airport Staff met with representatives of the City of Tamarac, which plans to submit a project application to the Broward Metropolitan Planning Organization (MPO) for consideration. The project calls for installation of bike lanes, sidewalks, and curbs/gutters along Prospect Road between 31<sup>st</sup> Avenue and Commercial Boulevard. A section of the roadway approximately 205 feet in length, located at the corner of Prospect Road and 31<sup>st</sup> Avenue, resides within the City of Fort Lauderdale. The project team would like to extend the project all the way to the corner.

Mr. Harrison continued that the project support Fort Lauderdale's mission to promote livability, health, and economic benefits through a transit-friendly environment. Staff recommends the support and development of an easement agreement for the proposed Prospect Road Complete Streets and Localized Initiatives Program (CSLIP) project.

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

Mr. O'Malley asked if the project is expected to tie into a bike path that runs through Pompano Beach. Mr. James explained that the project will extend north from Commercial Boulevard/Prospect Road and end at Prospect Road/31<sup>st</sup> Avenue. It was confirmed that the Federal Aviation Administration (FAA) does not have to weigh in on the project.

## **UPDATE ITEMS**

### **A. Noise Compatibility Program**

Ms. Straugh reminded the Board that a seasonal operations increase is underway from the winter months through spring break. A notice has been sent to tenants and pilots. Also, during the next several months, the area experiences west wind operations that result in aircraft arrivals over the eastern communities.

### **B. Development and Construction**

Mr. Thornton stated that two projects are currently underway: the taxiway intersection improvement project, which addresses taxiway "hot spots" and is expected to be completed in June 2018, and the taxiway Foxtrot rehabilitation project, which will mill and resurface the taxiway. The rehabilitation project will require coordination with tenants to limit the impact it will have on them. Notice to Proceed for the project will be issued in January 2018.

### **C. Arrearages**

None.

### **D. Communications to the City Commission**

None.

### **E. FLL Update**

It was noted that the Broward County Aviation Department will hold an Airport Noise Abatement Committee meeting on December 11, 2017 at 6 p.m.

### **F. Master Plan Update Presentation**

Mr. Sebastian Carreau, representing Ricondo and Associates, provided a brief presentation on the Master Plan update initiated in early 2017, including the Master Plan process, its goals and objectives, project tasks and timeline, and aviation activity forecast approved by the FAA. The Master Plan provides a blueprint for the provision of facilities to accommodate the activity forecast through 2037. An update is needed to reflect new facilities, reassess the future forecast of Airport activity, recommend operational enhancements, and address new environmental and regulatory constraints.

The most recent Master Plan was completed in 2009-10. Some of its projects have already been implemented, including construction of U.S. Customs and Border Protection facilities, realignment of taxiway Golf, and construction of a service road. Specific elements of the Master Plan requiring FAA approval include a forecast of regional activity, as well as the Airport Layout Plan (ALP) which provides a guideline by which the Airport may ensure that development follows FAA design standards and safety requirements. It determines which projects may be eligible for federal funding.

The main goals of the Master Plan include updated Airport phase mapping, which are used for preparation of DRP drawings, development of construction cost estimates, and geometric review of the airfield and other Airport facilities. One key objective of the Master Plan process is to define facility requirements to meet the forecast demands of the Airport. As part of this task, potential parcels that may be developed for aviation-related use are identified, with existing or potential connectivity to the airfield. City-owned facilities with the potential for redevelopment are also identified, as they may generate additional revenues.

At the beginning of the Master Plan update in early 2017, an inventory was taken of the Airport's physical and operational characteristics, which provided the basis for analyses related to the update. The aviation activity forecast as approved by the FAA was completed in June 2017. The forecasts are being used to establish requirements for future aviation facilities, such as hangars, airfields, and support facilities.

Once these requirements have been defined, alternatives for the Airport will be developed. When this development plan has been approved, the consulting team will look into the potential environmental impacts associated with these alternatives, followed by prioritization of the projects in the Airport's Capital Improvement Program.

Chair Kwoka commented that he had understood the Airport to be effectively built out at this point. Mr. James replied that while this is the case, the Airport is seeking alternative means to create more development in the infield.

Chair Kwoka asked if a midfield runup area is required. Mr. James stated that while the area is not required, it is necessary to the Airport, as maintenance shops return aircraft to midfield once maintenance has been completed. Maintenance runups are not allowed after 7 p.m. due to noise abatement considerations, although preflight runups are permitted.

Mr. Carreau continued that the team anticipates completing the Master Plan update by summer 2018. The updated Airport layout plan will be submitted to the FAA for approval, as it cannot be awarded federal funding without a layout plan and forecast information from the FAA. Total based aircraft are forecast to increase from 999 in 2016 to 1104 in 2037, a compound annual growth rate of 0.5%. Between 1995 and 2016, this growth rate was 0.4%.

Chair Kwoka asked if this increase is based on expected growth in corporate aircraft, as statistics for general aviation growth are contrary to these findings. Mr. Carreau stated that while a decrease is expected in single- and twin-engine aircraft, jet operations are anticipated to increase by 2.4%. He continued that over the past 10 years, operations at the Airport have decreased at a compounded annual growth rate of 2.1%. Aircraft operations are expected to increase from 150,000 operations in fiscal year (FY) 2016 to roughly 188,000 in FY 2037, representing an annual growth rate of 0.8%.

Mr. Watt observed that the reported growth rate seems to be significantly higher than this projection at present, with a current 12-month cumulative count of 175,000 operations. Mr. Carreau characterized the anticipated growth as a baseline scenario, pointing out that the operations would increase and decrease throughout the 20-year period.

Chair Kwoka expressed concern with the Airport's commitment to general aviation operations. Mr. James responded that this would depend in part upon the prime tenant, noting that some tenants feel it is more worthwhile than others to maintain general aviation while others focus more closely on corporate aviation. He pointed out that the Airport is home to four fixed-base operators (FBOs), each of which serves a different niche.

Mr. Carreau advised that with regard to the aircraft that are driving the airfield's primary requirements, no major changes are expected for the next 20 years. He added that analysis of capacity and performance will continue, and the next update will present some of the alternatives discussed by the Master Plan Technical Advisory Committee, followed by public meetings to solicit input.

Mr. James showed a brief video of the recent Walk with the Mayor Fly Pink event, which raised \$1820 for the American Breast Cancer Society. Most of the funding came from employees and tenants who purchased raffle tickets. He suggested that in the future, the Airport has considered holding a 5K event, possibly on a runway, which could result in greater public participation.

Mr. James concluded that Banyan is hosting a Career Day on Saturday, December 9, 2017. In January, they will also be hosting the Collings Foundation - Wings of Freedom Tour with displays and tours of World War II bombers and a P51 Mustang that will be on sight. The Airport will host an Open House event on January 31, 2018. He thanked the Board members for their assistance and service throughout the year.

**NEXT SCHEDULED MEETING DATE: Thursday, January 25, 2018 – 1:30 p.m.**

There being no further business to come before the Board at this time, the meeting was adjourned at 2:16 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 K. McGuire, Prototype, Inc.]



Fort Lauderdale  
Executive Airport  
Your community airport since 1947

# AVIATION ADVISORY BOARD

## December 7, 2017

### Sign-In Sheet

Name	Address	HOA/Organization	Phone/Fax	E-mail Address
John Hagler		THE STAR	954-491-2641	
Florentina Gonzalez		Shutts & Bowen LLP	(305) 379-9134	
Aaron McDaniel	Fort Lauderdale	Michael Baker Int'l	904 955 8650	
Brian Russell		Michael Baker Int'l	904 380 2500	
Sebastian Carreau	900 East Robinson St. Orlando FL 32838	Ricardo & Associates	407-381-5730	scarreau@ricardo.com
William Gildert	FORT LAUDERDALE		954 993 4569	
Marilynda Bisson	5088 Northern Greenway, FL	Key Transportation	305-954-2433	Marilynda@ Key-transportation.com

PLEASE PRINT

NAME: Sebastian Carrean

STREET ADDRESS: 200 East Robinson St., Orlando, FL 32828

CITY: Orlando

SPEAKING ON REQUESTOR'S BEHALF:  YES  NO


REQUESTOR: DESIGNATED REPRESENTATIVE OF: City of Fort Lauderdale  
Fort Lauderdale Executive Airport

SUPPORTS OR  OPPOSES OR  NEUTRAL

AGENDA ITEM #:

F. Master Plan Update Presentation

## ITEM 2

DATE: January 25, 2018  
TO: Aviation Advisory Board  
FROM: Rufus A. James, Airport Manager   
SUBJECT: Supplemental Joint Participation Agreement with Florida Department of Transportation for the Taxiway Intersection Improvement Project 437843-1-94-01

The taxiway intersection improvements project will conform to the new Federal Aviation Administration design standards. There are seven taxiway intersections currently leading directly from the tenant aprons to the runways. The new design will eliminate many of these entrance points and minimize the possibility of an unauthorized runway incursion by aircraft going directly from the apron to the runway. New taxiway edge lights, guidance signs, and pavement markings will also be installed as part of this project.

On November 3, 2015 the City Commission approved a Joint Participation Agreement with Florida Department of Transportation in the amount of \$970,000 for approximately 80% of the eligible costs to complete runway and taxiway improvements. The project bid proposals exceeded original engineers estimates, so based on the increase in projected project costs of \$456,453, FDOT has provided a SJPA in the amount of \$365,163 for approximately 80% of the eligible cost to cover the shortfall (or increased project cost).

### **Staff Recommendation**

Staff recommends the Supplemental Joint Participation Agreement be approved for the City to accept \$365,163 from the Florida Department of Transportation, for up to 80% of the costs for the taxiway intersection improvements.

### ITEM 3

DATE: January 25, 2018  
TO: Aviation Advisory Board  
FROM: Rufus A. James, Airport Manager   
BY: Fernando Blanco, Airport Engineer/PM  
SUBJECT: Fort Lauderdale Executive Airport Administration Building Renovations –  
Contract Award – Danto Builders, LLC - Project 12188

The Fort Lauderdale Executive Airport (FXE) Administration Building was completed in 2002 and houses the Airport's administrative and airfield operations staff, as well as a police substation. The project consists of the renovation and addition to the Administration Building, including landscaping improvements, modifications to the entrance driveway, and installation of a car charging station.

The design was completed by HDR Engineering, Inc., the Airport's engineering consultant firm. The Procurement Services Division issued a bid on October 19, 2017. The City received twelve bids in response to the solicitation, which were opened on December 19, 2017. The bid submitted by Danto Builders, LLC, of Fort Lauderdale, FL, in the amount of \$1,437,322, has met all of the specifications of the solicitation and has been deemed the lowest cost, responsive, and responsible bid. The contract amount is less than HDR's estimate of \$1,648,557. The contract amount includes allowance account items for additional labor and materials, as well as permitting costs.

Bidder	Contract Amount
Danto Builders	\$ 1,437,322.00
Di Pompeo Construction	\$ 1,455,000.00
Anatom Construction Company	\$ 1,590,255.00
LEGO Construction	\$ 1,608,675.00
Graham Contracting, LLC	\$ 1,628,620.00
West Construction	\$ 1,656,659.00
E.L.C.I. Construction Group	\$ 1,659,654.56
Mejia International Group, Corp.	\$ 1,705,400.00
Primus Construction	\$ 1,710,000.00
MBR Construction, Inc.	\$ 1,736,795.00
Azulejo Inc.	\$ 2,005,000.00
Tron Construction, LLC	\$ 2,147,280.00

The Florida Department of Transportation has agreed to provide grant funding, in the amount of \$800,000 for reimbursement of eligible construction costs for this project. The remaining funds are available from within the project budget.

**Staff Recommendation:**

Staff recommends award of the contract to the low responsive bidder, Danto Builders, LLC, in the amount of \$1,437,322 for the Fort Lauderdale Executive Airport Administration Building Renovations.

## ITEM 4

DATE: January 25, 2018  
TO: Aviation Advisory Board  
FROM: Rufus A. James, Airport Manager   
BY: Fernando Blanco, Airport Engineer/PM  
SUBJECT: Fort Lauderdale Executive Airport Administration Building Renovation –  
HDR Engineering, Inc. – \$210,870 Task Order 25

The Fort Lauderdale Executive Airport (FXE) Administration Building was completed in 2002 and houses the Airport's administrative and airfield operations staff, as well as a police substation. The project consists of the renovation and addition to the Administration Building, including landscaping improvements, modifications to the entrance driveway, and installation of a car charging station.

The design for the renovation was completed by HDR Engineering, Inc., the Airport's engineering consultant firm. FXE is now requesting that HDR provide construction, engineering and inspection services during the construction phase and has negotiated a task order with HDR Engineering, Inc., in the amount of \$210,870. The scope of services includes, but is not limited to, attending construction meetings, reviewing shop drawings, providing inspection services, responding to requests for information, review close-out documentation, coordinating construction schedule, and providing inspection services for substantial and final acceptance.

Funds for this task order are available from within the project budget. Staff has reviewed both the task order and fees and found both to be acceptable.

**Staff Recommendation:**

Staff recommends approval of Task Order No. 25 with HDR Engineering, Inc., in the amount of \$210,870, for construction engineering and inspection support services for the Fort Lauderdale Executive Airport Administration Building Renovations.

## UPDATE ITEM A

DATE: January 25, 2018  
TO: Aviation Advisory Board  
FROM: Rufus A. James, Airport Manager  
BY: Florence Straugh, Noise Abatement Officer  
SUBJECT: Noise Compatibility Program Update



### **Helistop Aircraft Identification and Counting**

Earlier this month, a new aircraft identification and counting system provided by Vector Airport Solutions was implemented at the John Fuhrer Downtown Helistop (DT1). The system uses a set of cameras to capture and display helicopter operation counts at DT1, through an online application, which will increase our staff's efficiency. The system eliminates the need to manually review videos and count helicopter operations at the facility; which will substantially reduce staff's workload. The application utilizes an Internet connection, separate from the City's Intranet, and is remotely accessible by staff.

### **Automated Passport Control Kiosks at Customs and Border Protection-FXE**

On Wednesday, December 6, 2017, Fort Lauderdale Executive Airport (FXE) commissioned two (2) Automated Passport Control (APC) kiosks at the Customs and Border Protection facility at FXE. Executive Airport is the busiest General Aviation Facility (GAF) in the country and is the first general aviation airport to implement APCs. The kiosks will reduce passenger wait times; increase throughput of Custom's processing, and improves customer experience for arriving passengers from international airports. The enhanced experience aims to encourage more passengers and pilots to choose Executive Airport as their preferred U.S. destination airport, which will benefit the tenants, area businesses, and local economy.

### **Chapter 333 Compliance**

The Airport initiated a project to address the new State of Florida requirements for Chapter 333, Airport Zoning. A review of the current zoning and assessment of the needed changes is underway. This project will involve the assistance and cooperation of other local governments to meet the State statutes. This project is expected to take several months to complete. We will keep the Board informed of the project's progress.

**Monthly Noise and Operations Tables**

Listed below is a summary of the statistics for the months of November and December 2017. Attached are the monthly statistics.

	<b>Nov-17</b>
<b>Total Jet Departures</b>	1213
<b>Runway 27 Jet Departures</b>	126
<b>Runway 9 Jet Departures</b>	1081
<b>Runway 13-31 Jet Departures</b>	6
<b>Total I-95 Turns - Rwy 9 Jet Deps</b>	628
<b>% I-95 Turns - Rwy 9 Jet Deps</b>	58%
<b>Jet Events over 80 dB at Monitor #1</b>	50
<b>Jet Events over 80 dB at Monitor #2</b>	9
<b>No. of Households Reporting</b>	11
<b>No. of Noise Reports</b>	27

	<b>Dec-17</b>
<b>Total Jet Departures</b>	1208
<b>Runway 27 Jet Departures</b>	346
<b>Runway 9 Jet Departures</b>	845
<b>Runway 13-31 Jet Departures</b>	17
<b>Total I-95 Turns - Rwy 9 Jet Deps</b>	485
<b>% I-95 Turns - Rwy 9 Jet Deps</b>	57%
<b>Jet Events over 80 dB at Monitor #1</b>	36
<b>Jet Events over 80 dB at Monitor #2</b>	5
<b>No. of Households Reporting</b>	13
<b>No. of Noise Reports</b>	32



## COOPERATIVE NOISE ABATEMENT EFFORT

Month of November

January 25, 2018

Operations	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17
<b>Total Jet Departures</b>	1119	847	1259	862	1287	1236	875	700	727	807	1044	748	1213
Runway 27 Jet Departures	119	152	478	201	226	242	247	86	126	109	108	131	126
Runway 9 Jet Departures	997	692	777	606	1051	989	624	611	584	688	935	615	1081
Runway 13/31 Jet Departures	3	3	4	55	10	5	4	3	17	10	1	2	6
<b>Jet Departures Rwy 9</b>													
Total I-95 Turns	600	417	452	332	601	622	391	363	332	453	411	299	628
% I-95 Turns	60%	60%	58%	55%	57%	63%	63%	59%	57%	66%	44%	49%	58%
Jets over 80 dB at Monitor #2	5	5	6	7	7	4	1	2	1	1	15	10	9
<b>Prop Departures Rwy 9</b>													
Props over 80 dB at Monitor #2	19	13	3	14	11	14	12	17	14	13	7	11	6
<b>Nighttime Jet Deps (10 p.m. - 7 a.m.)</b>													
<b>Total Nighttime Jet Departures</b>	78	71	97	70	123	101	81	69	58	54	94	65	97
Nighttime Rwy 27 Jet Deps.	5	11	37	22	26	24	26	7	1	8	12	15	17
Nighttime Rwy 9 Jet Deps.	73	55	59	45	97	74	55	62	44	38	82	48	80
Nighttime Rwy 13/31 Jet Deps.	0	5	1	3	0	3	0	0	13	8	0	2	0
<b>Nighttime Jet Deps Runway 9</b>													
Nighttime I-95 Turns (11 p.m.-7 a.m.)	51	39	33	26	60	45	31	33	32	28	57	25	48
Nighttime Straight-Out (11 p.m. - 7 a.m.)	12	14	14	11	22	17	15	14	9	5	12	19	21
Nighttime Events Over 80 dB	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Noise Reports</b>													
	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17
<b>Noise Reports by Aircraft Category at FXE</b>													
# Noise Reports - Jets	10	11	14	2	5	28	15	2	2	6	6	15	18
# Noise Reports - Propellers	2	3	7	7	8	14	2	6	4	2	0	4	6
# Noise Reports - Helicopters	6	16	8	15	10	18	14	10	0	0	1	3	1
# Noise Reports - Unmatched	1	1	1	3	9	9	3	1	0	0	0	1	2
# Noise Reports - FLL & Other Overflights	2	4	1	5	10	9	4	3	2	0	0	0	0
<b>Total Noise Reports</b>	20	34	31	32	42	78	38	22	8	8	7	23	27
<b># Households Reporting</b>	13	11	14	10	10	14	14	7	5	6	6	11	11

Notes:

2017 February - NMT#1 missing data - unrecoverable - interrupted power  
 2017 May - NMT #1 & #2 missing data - unrecoverable, modems replaced.  
 2017 June NMT #1, #3, #4, & #7 missing data - unrecoverable, modems replaced.  
 2017 August - '# Noise Reports - FLL & Other Overflights' was revised back to Aug 16 to include DT1 noise reports

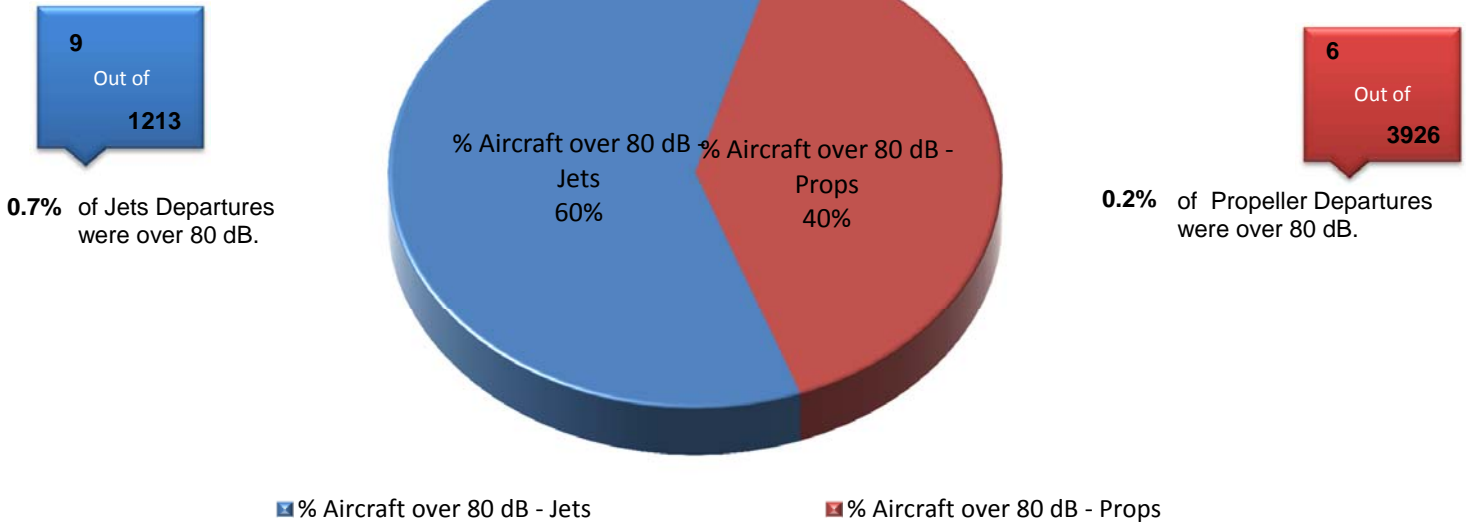
## COOPERATIVE NOISE ABATEMENT EFFORT

Month of November

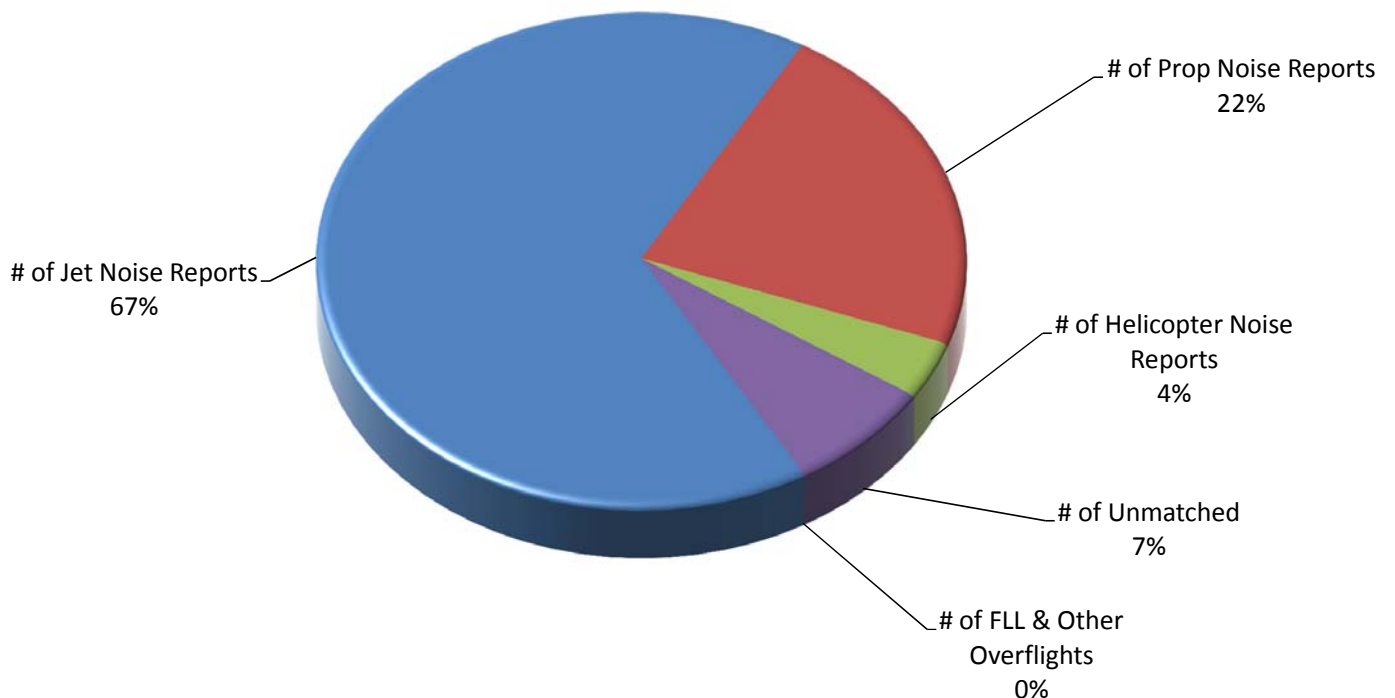
January 25, 2018

### Monthly Operations over 80dB Per Airplane Type

Percentage of Departures Over 80 dB per Airpane Type: 0.3%



### Monthly Noise Reports Per Airplane Type



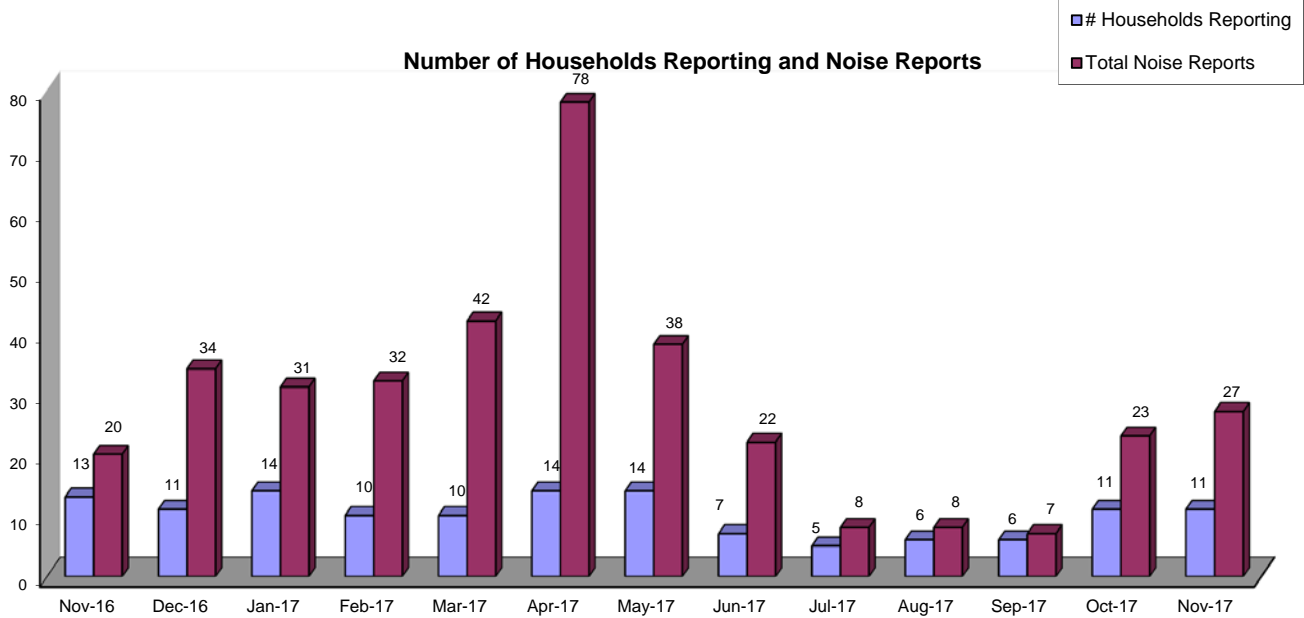
## COOPERATIVE NOISE ABATEMENT EFFORT

Month of November

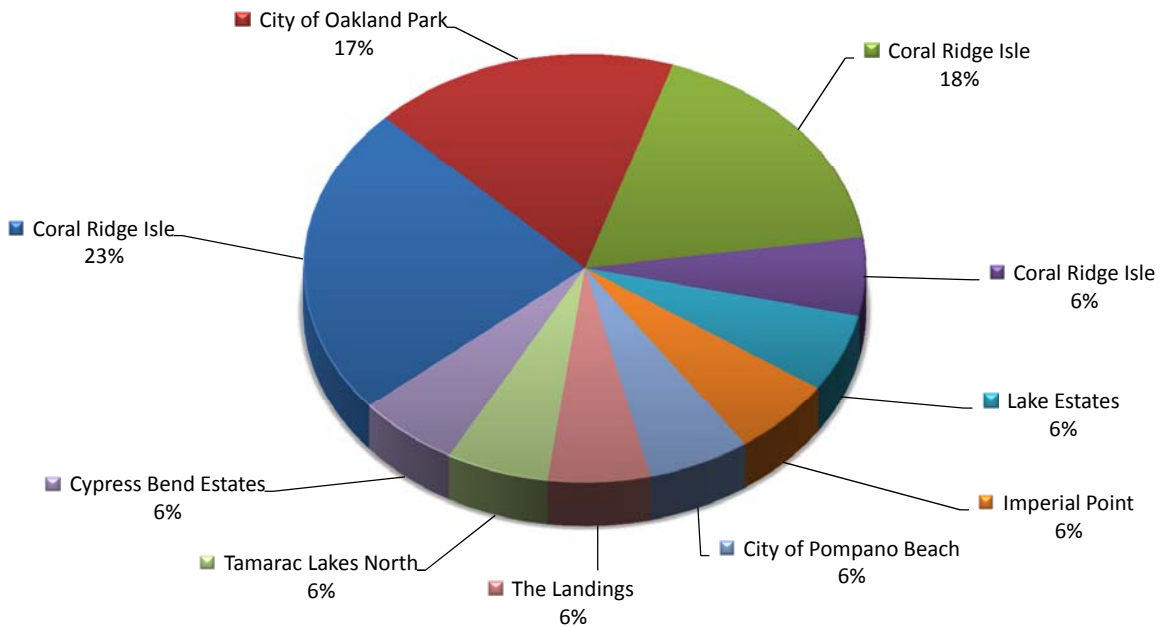
January 25, 2018

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

**11**



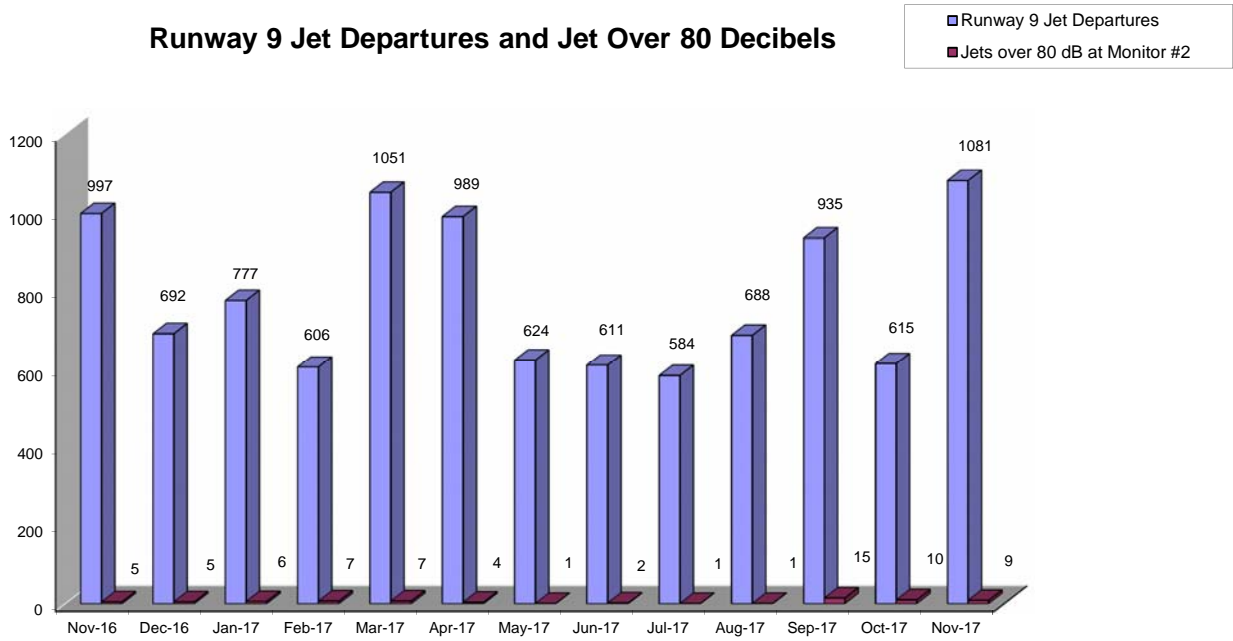
**Noise Reports by Households**  
 10 Households Made 17 Aircraft Noise Reports or 63% of the 27 Total Noise Reports



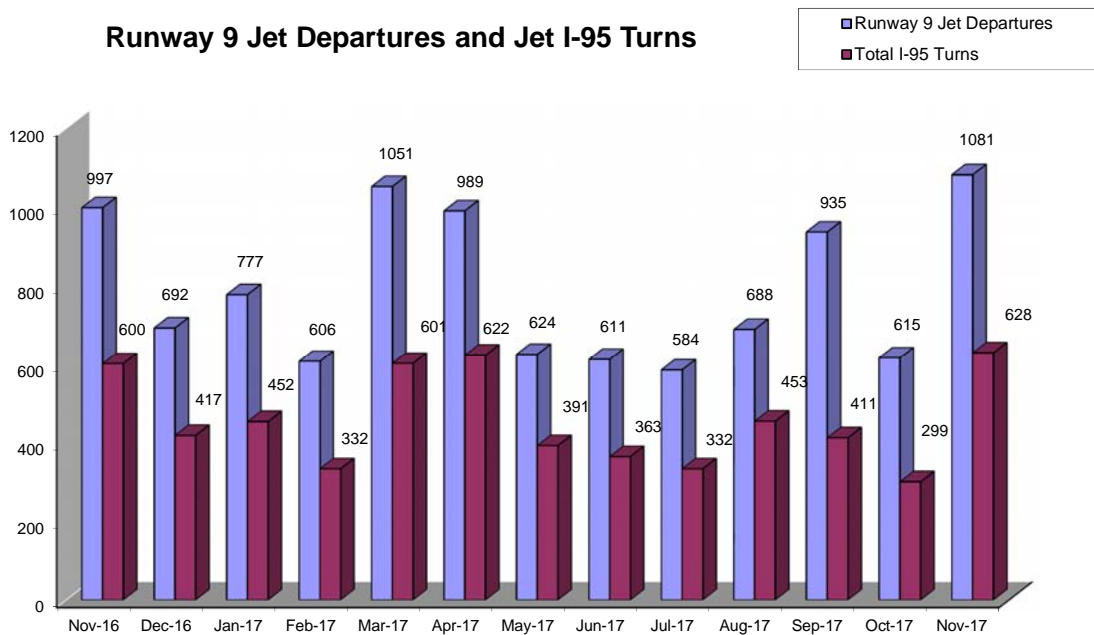
Number of Runway 9 Jet Departures over 80 decibels:

**9**

**Runway 9 Jet Departures and Jet Over 80 Decibels**



**Runway 9 Jet Departures and Jet I-95 Turns**

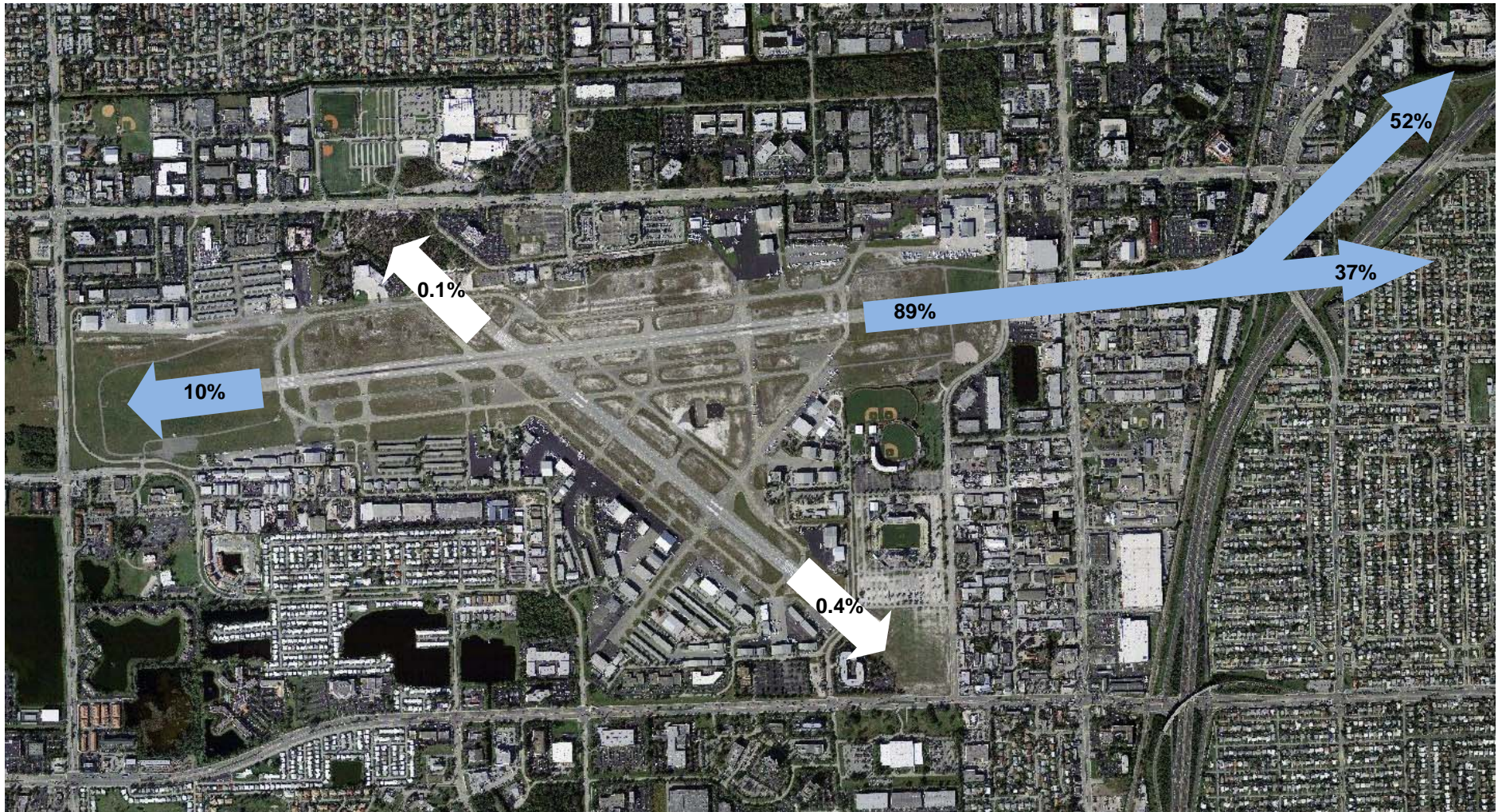


## COOPERATIVE NOISE ABATEMENT EFFORT

Month of November

January 25, 2018

### Percentage of Jet Departures Per Runway





## COOPERATIVE NOISE ABATEMENT EFFORT

Month of December

January 25, 2018

Operations	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
<b>Total Jet Departures</b>	847	1259	862	1287	1236	875	700	727	807	1044	748	1213	1208
Runway 27 Jet Departures	152	478	201	226	242	247	86	126	109	108	131	126	346
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Runway 13/31 Jet Departures	3	4	55	10	5	4	3	17	10	1	2	6	17
<b>Jet Departures Rwy 9</b>													
Total I-95 Turns	417	452	332	601	622	391	363	332	453	411	299	628	485
% I-95 Turns	60%	58%	55%	57%	63%	63%	59%	57%	66%	44%	49%	58%	57%
Jets over 80 dB at Monitor #2	5	6	7	7	4	1	2	1	1	15	10	9	5
<b>Prop Departures Rwy 9</b>													
Props over 80 dB at Monitor #2	13	3	14	11	14	12	17	14	13	7	11	6	18
<b>Nighttime Jet Deps (10 p.m. - 7 a.m.)</b>													
<b>Total Nighttime Jet Departures</b>	71	97	70	123	101	81	69	58	54	94	65	97	119
Nighttime Rwy 27 Jet Deps.	11	37	22	26	24	26	7	1	8	12	15	17	12
Nighttime Rwy 9 Jet Deps.	55	59	45	97	74	55	62	44	38	82	48	80	98
Nighttime Rwy 13/31 Jet Deps.	5	1	3	0	3	0	0	13	8	0	2	0	9
<b>Nighttime Jet Deps Runway 9</b>													
Nighttime I-95 Turns (11 p.m.-7 a.m.)	39	33	26	60	45	31	33	32	28	57	25	48	61
Nighttime Straight-Out (11 p.m. - 7 a.m.)	14	14	11	22	17	15	14	9	5	12	19	21	17
Nighttime Events Over 80 dB	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Noise Reports</b>													
	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
<b>Noise Reports by Aircraft Category at FXE</b>													
# Noise Reports - Jets	11	14	2	5	28	15	2	2	6	6	15	18	21
# Noise Reports - Propellers	3	7	7	8	14	2	6	4	2	0	4	6	4
# Noise Reports - Helicopters	16	8	15	10	18	14	10	0	0	1	3	1	6
# Noise Reports - Unmatched	1	1	3	9	9	3	1	0	0	0	1	2	0
# Noise Reports - FLL & Other Overflights	4	1	5	10	9	4	3	2	0	0	0	0	1
<b>Total Noise Reports</b>	34	31	32	42	78	38	22	8	8	7	23	27	32
<b># Households Reporting</b>	11	14	10	10	14	14	7	5	6	6	11	11	13

Notes:  
 2017 February - NMT#1 missing data - unrecoverable - interrupted power  
 2017 May - NMT #1 & #2 missing data - unrecoverable, modems replaced.  
 2017 June NMT #1, #3, #4, & #7 missing data - unrecoverable, modems replaced.

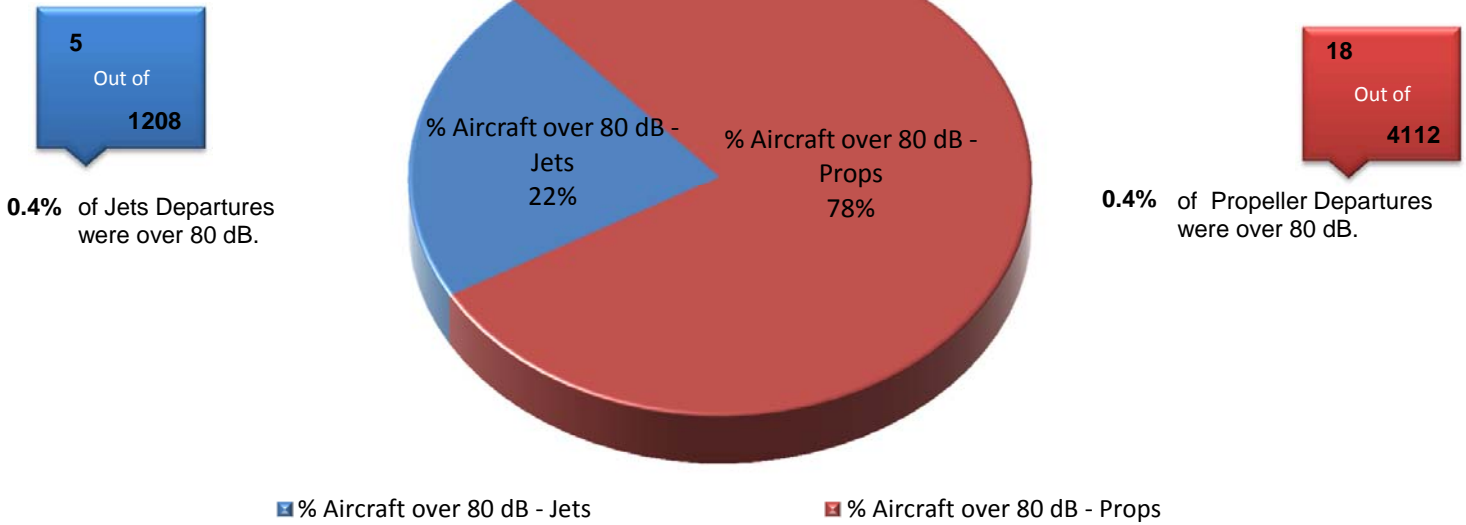
## COOPERATIVE NOISE ABATEMENT EFFORT

Month of December

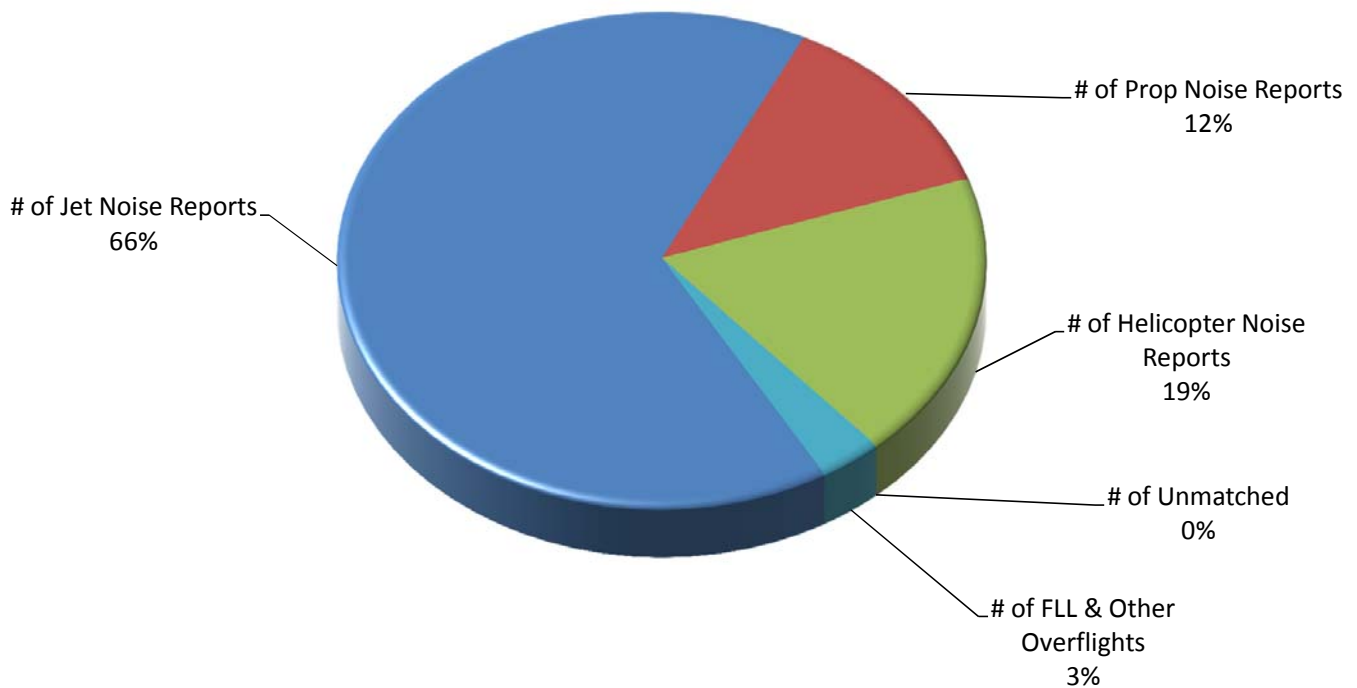
January 25, 2018

### Monthly Operations over 80dB Per Airplane Type

Percentage of Departures Over 80 dB per Airplane Type: 0.4%



### Monthly Noise Reports Per Airplane Type



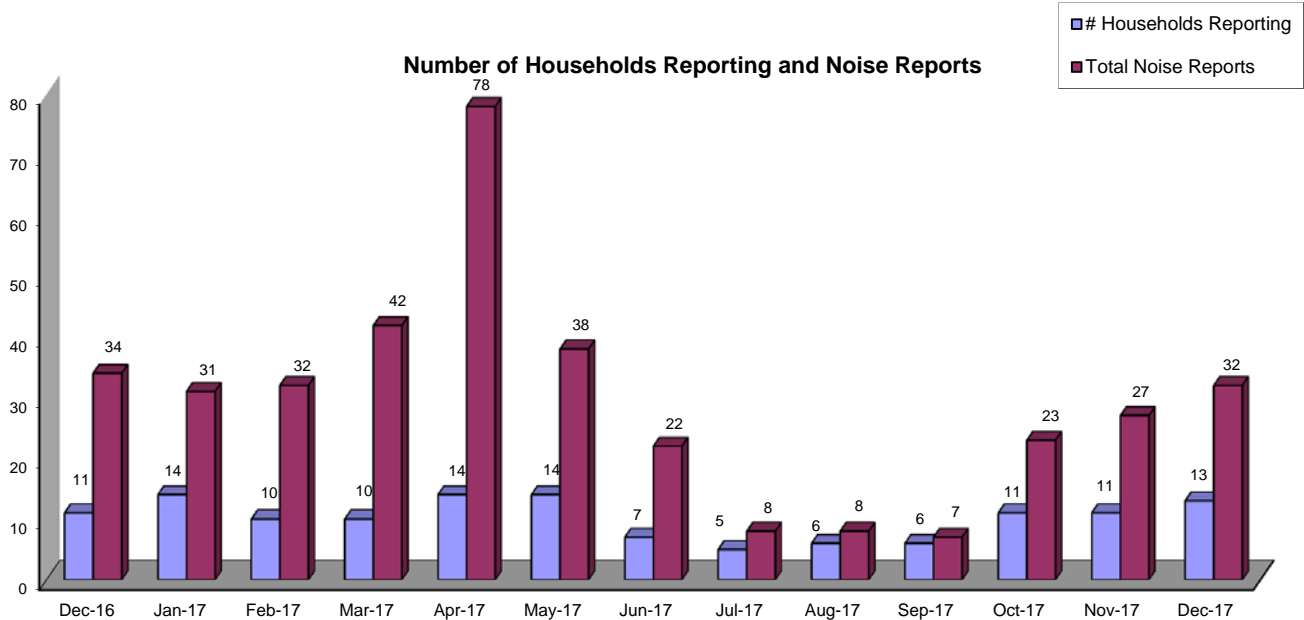
## COOPERATIVE NOISE ABATEMENT EFFORT

Month of December

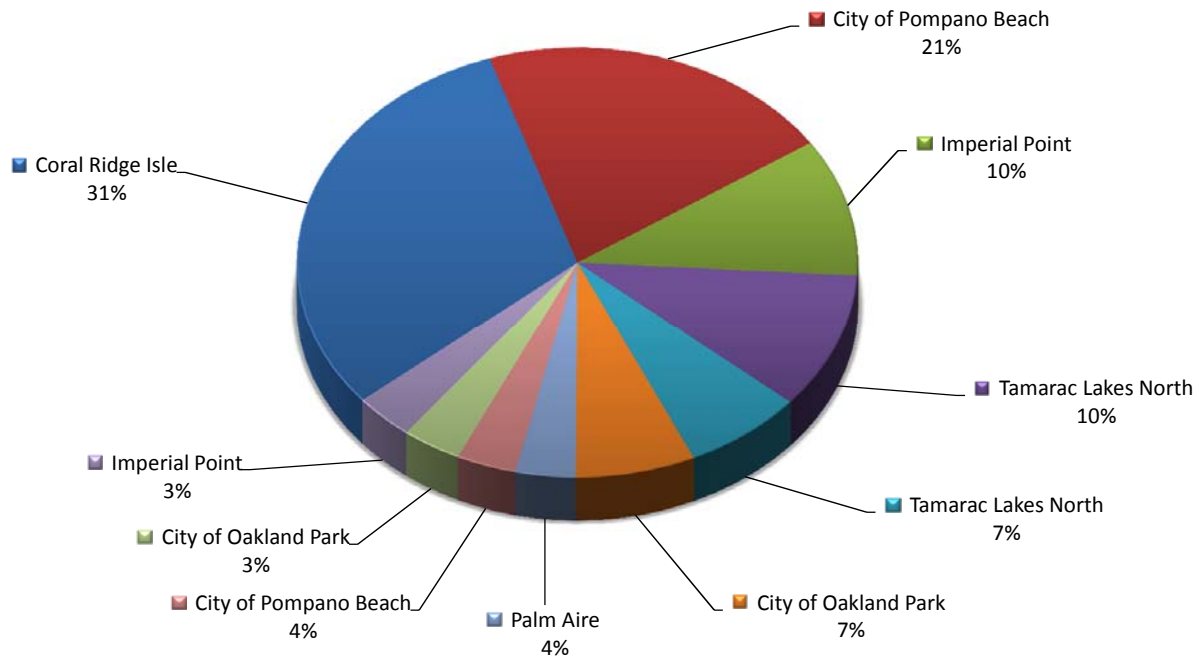
January 25, 2018

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

**13**



**Noise Reports by Households**  
**10 Households Made 29 Aircraft Noise Reports or 91% of the 32 Total Noise Reports**



## COOPERATIVE NOISE ABATEMENT EFFORT

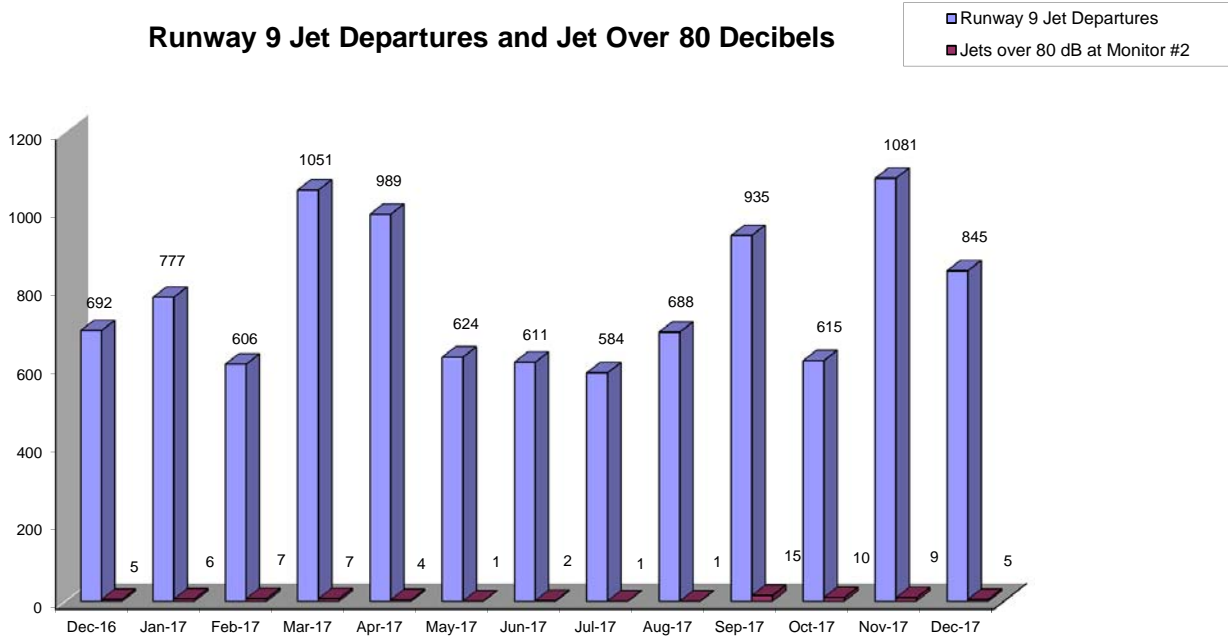
Month of December

January 25, 2018

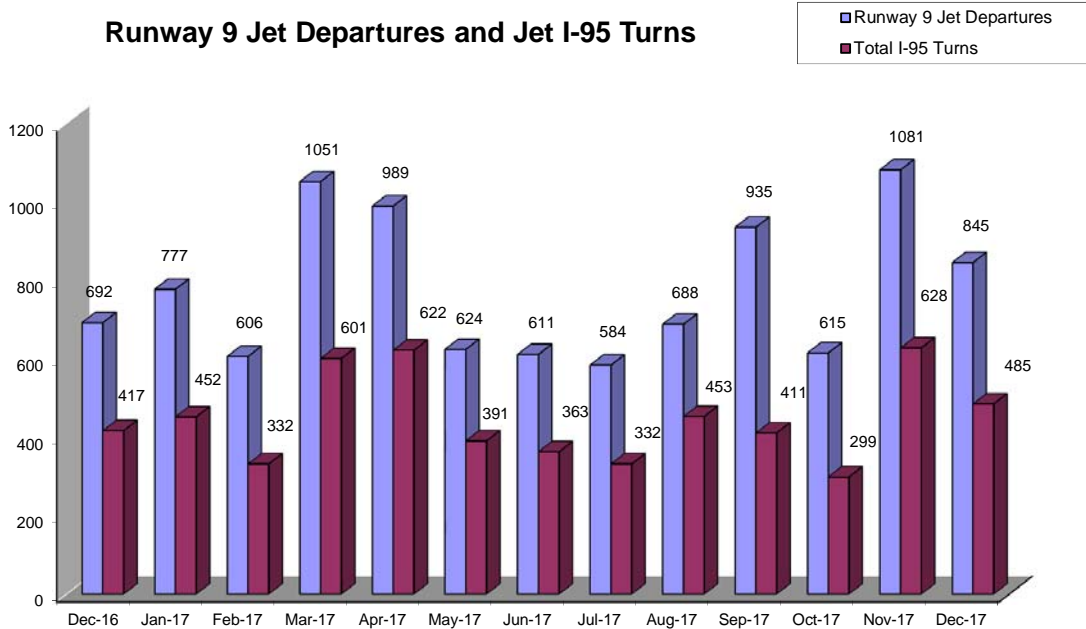
Number of Runway 9 Jet Departures over 80 decibels:

**5**

### Runway 9 Jet Departures and Jet Over 80 Decibels



### Runway 9 Jet Departures and Jet I-95 Turns

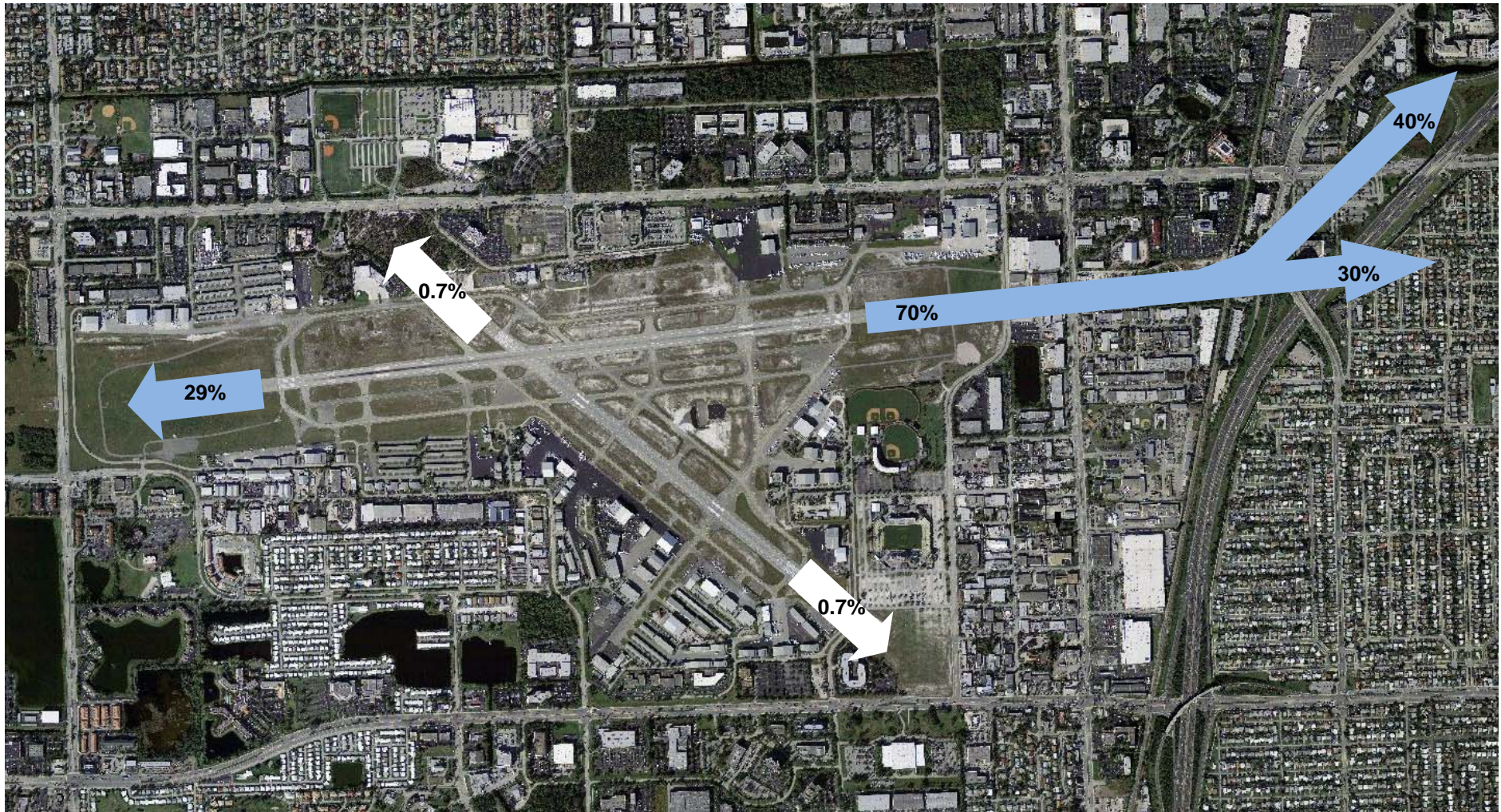


## COOPERATIVE NOISE ABATEMENT EFFORT

Month of December


January 25, 2018

### Percentage of Jet Departures Per Runway



## UPDATE ITEM B

DATE: January 25, 2018  
TO: Aviation Advisory Board  
FROM: Rufus A. James, Airport Manager  
BY: Spencer A. Thornton, Assistant Airport Manager  
SUBJECT: Airport Development and Construction



### **12187 – TAXIWAY INTERSECTION IMPROVEMENTS**

The contractor, Weekley Asphalt Paving Inc., is now 25% complete with the project and has begun working in phase 2 near the intersection of Taxiways Echo, Gulf, and November. The old asphalt has been removed and the area has been excavated to prepare for the taxiway geometry changes. Future work will include building the subgrade and installation of the taxiway edge lights prior to resurfacing the area with new asphalt. The construction is scheduled for 189 calendar days and should be complete by June, 2018. Total construction cost for the project is \$1,388,943.45 of which \$1,111,154.00 will be paid via FDOT grant.

### **11999 – TAXIWAY FOXTROT PAVEMENT REHABILITATION**

This project will address the section of Taxiway Foxtrot from Taxiway Gulf to the approach end of Runway 9 which is in need of rehabilitation. Work on this project includes; milling and repaving of the taxiway in the project area, the correction of taxiway geometry in two areas, removal of selective taxiway markings, and updates to taxiway edge lights and signs in certain areas of the project. The contractor for this project is General Asphalt who has performed work for the Airport in the past. Construction should begin the third week of February, 2018 and is scheduled for 180 calendar days. Total construction cost for the project is \$2,138,102.36 of which \$1,924,291.00 will be paid via FAA reimbursable grant.

**UPDATE ITEM B  
PAGE 2 OF 3**

**November 2017**

<b>Airport Operations</b>	<b>Nov-16</b>	<b>Nov-17</b>
Total Operations	15,448	16,526
12 Month Cumulative	159,806	176,539
Operations 22:00 to 7:00	495	445
Average Operations per Night	17	15
<b>Customs Operations</b>	<b>Nov-16</b>	<b>Nov-17</b>
Total Aircraft Cleared	1,103	1,147
12 Month Cumulative AC	12,932	13,002
Total Passenger/Crew Cleared	3,834	4,206
12 Month Cumulative Pax	48,404	48,708
<b>Helistop Operations</b>	<b>Nov-16</b>	<b>Nov-17</b>
Total Operations	104	156
12 Month Cumulative	829	802

<b>Date</b>	<b>Alert Level</b>	<b>AC Type</b>	<b>Problem</b>
11/11/17	III	C177	Nose Gear Failure
11/11/17	II	Lear 35	Loss of Pressurization
11/29/17	II	Piper PA28	Burning Smell in Cockpit

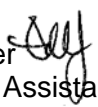
**UPDATE ITEM B  
PAGE 3 OF 3**

**December 2017**

<b>Airport Operations</b>	<b>Dec-16</b>	<b>Dec-17</b>
Total Operations	12,793	15,700
12 Month Cumulative	160,217	179,446
Operations 22:00 to 7:00	384	409
Average Operations per Night	12	13
<b>Customs Operations</b>	<b>Dec-16</b>	<b>Dec-17</b>
Total Aircraft Cleared	1,140	1,452
12 Month Cumulative AC	12,909	13,314
Total Passenger/Crew Cleared	3,686	5,048
12 Month Cumulative Pax	48,199	50,070
<b>Helistop Operations</b>	<b>Dec-16</b>	<b>Dec-17</b>
Total Operations	90	112
12 Month Cumulative	846	824

<b>Date</b>	<b>Alert Level</b>	<b>AC Type</b>	<b>Problem</b>
12/13/17	III	Piper PA 27	Engine Failure
12/17/17	III	Cherokee	Rough Running
12/20/17	II	Lear 35	Unsafe Gear Indicator
12/26/17	II	Falcon 50	Unsafe Gear Indicator
12/27/17	II	C421T	Low Oil Pressure Indication

## UPDATE ITEM C

DATE: January 25, 2018  
TO: Aviation Advisory Board  
FROM: Rufus A. James, Airport Manager   
BY: Diana McDowell, Administrative Assistant II  
SUBJECT: Arrearages

### **Rent**

There are no arrearages to report.

### **Fuel Flowage**

There are no arrearages to report.