



CITY OF FORT LAUDERDALE

DRAFT

**AVIATION ADVISORY BOARD
FORT LAUDERDALE EXECUTIVE AIRPORT
ADMINISTRATIVE OFFICE – MULTIPURPOSE ROOM
6000 NW 21 AVENUE, FORT LAUDERDALE, FLORIDA
THURSDAY, FEBRUARY 22, 2018 1:30 P.M.**

	Attendance	Cumulative Attendance 7/17 through 6/18	
		Present	Absent
Ed Kwoka, Chair	P	6	0
Ed Rebholz, Vice Chair	P	6	0
Louis Gavin	P	4	2
Joshua Kroon (via telephone)	P	3	3
Vacant			
Tom Moody	P	5	1
Stephen O'Malley	P	5	1
Dana Pollitt	P	5	1
Duke Siotkas	P	4	2
John Watt	P	6	0
Commissioner Marlon Bolton, City of Tamarac [non-voting]	P	5	1
Jeff Helyer, City of Oakland Park [non-voting]	A	5	1

Airport Staff

Rufus A. James, Airport Manager
 Carlton Harrison, Assistant Airport Manager
 Spencer Thornton, Assistant Airport Manager
 Florence Straugh, Noise Abatement Officer
 Karen Reese, Business Assistance Coordinator
 Fernando Blanco, Airport Engineer
 Julie Leonard, Deputy Director, Transportation and Mobility
 Donna Varisco, Administrative Assistant I
 Nick Slagle, Operations Supervisor
 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.

Motion made by Mr. Pollitt, seconded by Vice Chair Rebholz, to allow telephonic participation by Mr. Kroon. In a voice vote, the **motion** passed unanimously.

VOTING ITEMS

1. Approve Minutes of January 25, 2018 Meeting

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

2. Fort Lauderdale Executive Airport South Perimeter Loop Road Project – Contract Award – Florida Blacktop, Inc. – Project 12260

Mr. Blanco stated that at present, service vehicles and equipment must cross Runway 31 in order to be positioned at the north or south areas. This affects tower operations and airfield traffic, and increases the possibility of unauthorized incursions. An asphalt perimeter road will be constructed along the southeastern end of Runway 31 to minimize runway crossings.

The City received five bids for this contract, which were opened on January 31, 2018. The bid submitted by Florida Blacktop, Inc. has met all requirements and has been deemed the lowest cost response by a responsible bidder. Staff recommends award of the contract to Florida Blacktop, Inc. in the amount of \$358,937. The project is expected to begin in May or June 2018 and last up to two months. Most work will be done at night.

Motion made by Vice Chair Rebholz, seconded by Mr. Watt, to accept Staff's recommendation. In a voice vote, the **motion** passed unanimously.

3. Reservation of Easement Agreement for an Alternate Access Road to Parcel 8 H

Mr. James advised that Parcel 8H consists of approximately 5.1 acres. A project for the construction of two hangars and office space on the parcel is currently underway. An adjacent parcel consisting of 8.6 acres, Parcel 8B, is leased by KCFXE. This lease is set to expire in 2039. The property has been improved with the construction of three medium-sized hangars.

KCFXE has a second development phase which consists of two large hangars totaling roughly 20,000 square feet as well as office space. The Airport has received a request from KCFXE to acquire Parcel 8G, which currently contains a vacant office building of approximately 20,000 square feet. KCFXE proposes to renovate the office building and use it as a terminal facility for future development.

This renovation will have an impact on the access road to Parcel 8H. Airport Staff has evaluated alternate access points and identified a space adjacent to Parcel 8J that can be used as an alternate access road if KCFXE chooses to proceed with full development of Parcel 8G. Staff has also reached out to the Broward County Environmental Engineering and Permitting Division, which has indicated that the location of the proposed alternate road would not be subject to licensing, preservation, or mitigation requirements. Staff recommends entering into an easement agreement with Southeast Toyota Distributors for an entrance and exit lane to be reserved as an alternate road to access Parcel 8H.

Chair Kwoka asked if build-out is prohibited in this area. Mr. James confirmed that the subject area includes local area concerns, including natural habitat vegetation and gopher tortoises.

Mr. Matt Morral, representing Southeast Toyota Distributors, stated that his client has easement rights as part of its lease agreement; W Aviation would be changing these rights when proceeding with their third phase of development. He explained that his concern was for alternative access in order to conclude negotiations with W Aviation.

Motion made by Mr. Pollitt, seconded by Mr. O'Malley, to move forward with Staff recommendations to enter into an easement agreement with Southeast Toyota. In a voice vote, the **motion** passed unanimously.

4. Walk-On – Parcel 9, 32, & 33 – Sheltair FXE Northside, LLC – First Amendment to Lease Agreement

Mr. James explained that Sheltair signed a lease for Parcels 9, 32, and 33 in October 2015. The lease is for 30 years and covers approximately 18.1 acres. The current base rental payment on Parcel 9 is approximately 54 cents per square foot. The base rent for Parcels 32 and 33 are 37 cents per square foot. Schedules commence upon receipt of a certificate of occupancy.

According to the terms of the lease, Sheltair has applied to replace existing buildings and develop the property with modern facilities valued at roughly \$25 million. These facilities will consist of eight corporate hangars with office space, workshops, and a terminal lobby.

There has been a delay in the development of the parcel due to a lawsuit by an adjacent fee simple property not owned by the Airport. The suit has since been settled and Sheltair will acquire this property for future development. Sheltair is requesting an additional two years be added to the lease due to the delays in construction, extending the lease expiration date to December 31, 2047.

In consideration for this additional time, Sheltair has agreed to commence rental payments for Parcels 32 and 33 upon approval of the lease amendment. This would

bring the rent for these parcels to \$56,384.48 per year, or 18.5 cents per square foot, during the construction phase. If a certificate of occupancy (CO) is received prior to November 1, 2019, rent will be increased to 37 cents per square foot. If the CO is not received by that date, the rent will increase to \$112,768.98.

The full development of Parcels 32 and 33 is affected by drainage swale, which collects offsite storm runoff from non-Airport properties to the north, including the fee simple property acquired by Sheltair. An offsite storm runoff agreement was established by the City and the developer in the 1960s. To allow Sheltair to develop Parcels 32 and 33, the Airport will be responsible for a percentage of storm runoff from the adjacent fee simple properties. Sheltair has agreed to construct an infield drainage system to redirect offsite storm runoff from properties to the north.

The cost to construct the infield drainage system is estimated at \$1.5 million. The Airport's percentage of the total cost is roughly 70%, with Sheltair responsible for the remaining 30%.

Chair Kwoka expressed concern that the Airport could be challenged if construction of the swale is not put out for bid appropriately. Mr. James replied that Sheltair has indicated that due diligence was done regarding the bid process.

Mr. James concluded that Staff recommends a lease amendment to the Sheltair parcels 9, 32 and 33 to include an additional two years due to delays in commencing construction, which would extend the lease expiration date to December 31, 2047. It would also increase the rent for Parcels 32 and 33 to \$56,384.48 per year. Further rent increase to parcels 32 and 33 would occur to \$112,768.98 per year upon receipt of a CO or by November 1, 2019. The amendment would also provide for construction of a drainage system to redirect offsite storm runoff from adjacent fee simple properties to the north.

Michael Moskowitz, representing Sheltair, provided a brief overview of the history of the four subject parcels, including Parcels 9, 32, 33, and a fee simple parcel owned by another company. Sheltair had sought to lease Parcels 32 and 33 from the City and to acquire Parcel 9 from its previous owner. Because this owner had a sizable creditor, the acquisition of Parcel 9 was a complicating factor. He noted an access point on the fee simple parcel through which its owner could access the taxiway for operations, repairs, and maintenance. As a result of the lease transaction approved by the City on October 30, 2015, the City required this access point to be closed.

Mr. Moskowitz continued that in November 2015, the creditor of the previous owner of Parcel 9 filed suit against both Sheltair and the City of Fort Lauderdale, contending that it was inappropriate to close the access point, as they claimed it affected their lien rights and the value of their debt. This suit lasted for approximately two years and was settled in late 2017. During the two-year period, neither the City nor Sheltair was able to proceed with construction on the site. Once litigation was settled, Sheltair purchased the

fee simple parcel and is ready to proceed with development of the leased parcels, which will construct 155,000 square feet of hangars at a cost of over \$25 million.

Mr. Moskowitz moved on to address drainage, stating that in the 1960s, the City had allowed three parcels to drain across City Parcels 32 and 33. While Sheltair is responsible for paying for its own drainage, they cannot accommodate the drainage from these two additional parcels on-site. The only accommodation for this drainage is to allow it to drain into the infield portions by constructing a piping system beneath a taxiway. Sheltair and the City discussed which entity should be responsible for drainage from these parcels, determining that Sheltair will be responsible for constructing drainage, with the City to pay 70% of the construction costs.

Motion made by Mr. Watt, seconded by Mr. Moody, to approve per Staff recommendation. In a voice vote, the **motion** passed unanimously.

Telephonic Communication was lost with Mr. Kroon during Mr. Moskowitz's presentation.

UPDATE ITEMS

A. Noise Compatibility Program

Ms. Straugh stated that the City created two press releases, one regarding the automated passport control kiosks in Customs and another for the WebTrak for the Airport.

Ms. Straugh continued that noise data from January 2018 is attached to the members' backup materials. She noted that helicopter operations from the previous month contributed to more than one-third of all calls.

B. Development and Construction

Mr. Thornton reported that the Taxiway Intersection Improvement project is ongoing and is now 53% complete, having progressed to Phase 2. The sub base has been brought up to grade and electrical work is underway. The project is expected to be complete by April 2018.

The second project currently underway is the Taxiway Foxtrot Rehabilitation Project, which will improve the western half of this taxiway. Asphalt is being removed and the sub base is being re-compacted. This project has only recently begun.

C. Arrearages

Mr. James advised that a notice of default was sent to W Aviation/KCFXE, which has not paid a flowage fee due in December. If the situation is not addressed before the next

Board meeting, the members will receive copies of a memorandum of termination. There have been no previous issues with this tenant.

Mr. Moody asked if this issue could affect the lease discussed previously regarding KCFXE. Mr. James replied that the tenant's lease includes language that addresses habitual issues if this becomes an ongoing problem.

D. Communication to the City Commission

None.

E. FLL Update

Ms. Straugh mentioned that a map to the Broward County Aviation Department's (BCAD) Airport Noise Abatement Committee (ANAC) meetings for Fort Lauderdale-Hollywood International Airport (FLL) was provided, which also listed the scheduled meetings for the year. The next ANAC meeting will be held on Monday, March 12, 2018 at 6:00 p.m.

F. Airport Projects Process

Chair Kwoka recalled that at the January 25, 2018 meeting, the Board determined that they would view a presentation from Airport Staff and hear feedback from tenants who have expressed concern with the effects of runway and construction-related closures. He advised that most of the feedback he has heard has requested that the tenants be part of the discussion process at an earlier time so they can consider potential financial effects.

Mr. Harrison reviewed several of the services provided by the Airport, noting that operations have increased 12% over the previous year. The Fort Lauderdale Executive Airport (FXE) is the fifth-busiest general aviation facility in the nation.

Projects begin with the Airport Master Plan, which provides a 20-year outlook for the facility. The Master Plan considers current inventory, fleet mixture, airfield design concepts, hangar and apron space, and how to responsibly fund these items. Primary funding sources are the Florida Department of Transportation (FDOT) and the Federal Aviation Administration (FAA). Another component is discretionary funding, for which FXE may compete with other facilities.

Each year FXE meets with the FAA and FDOT to discuss the projects they hope to accomplish over the next five years. The first three years of this time period are programmed with funding. The Airport also considers pavement management plans, with a goal of rehabilitating pavement without reconstruction, and FAA design changes,

with the intent of designing a project in its first year and constructing it the next. Other scheduling concerns include wildlife, seasonal weather, holidays, and special events.

Mr. James reviewed general project coordination, noting that meetings are held before projects are sent out to bid and before design and construction begin. The Airport also holds stakeholder meetings to update tenants on what the project will affect them and provide them with an opportunity to give feedback. Work hours for most projects are between 10 p.m. and 6 a.m. to reduce these impacts. Tenants are invited to attend preconstruction meetings as well as stakeholder and weekly progress meetings.

Mr. O'Malley left the meeting at 2:28 p.m.

John Hayden, representing Sheltair, asked if tenants can influence the procurement process in order to stage the construction phase more effectively and lessen impacts, pointing out that runway closures in particular have significant impacts on tenants. Chair Kwoka confirmed that most feedback he has heard from tenants was the result of multiple runway closures, as well as consideration of how traffic is rerouted for taxiways.

Mr. Watt asked how much notice is provided for runway closures. Mr. James replied that there is typically two weeks' notice. Mr. Hayden pointed out that an issue more significant than notice is often the season when work is scheduled. Mr. James emphasized that Staff is open to working with tenants to the greatest extent possible, pointing out that because south Florida has become a year-round destination, scheduling projects can be more difficult.

Mr. James recognized Administrative Assistant Donna Varisco, who will be leaving the Airport to accept another position with the City. Angelia Basto will be promoted to the Administrative Assistant I position. He also noted that a safety expo is scheduled for Saturday, March 17, 2018, with the theme of women in aviation. The event will feature a panel discussion by professional women in aviation.

NEXT SCHEDULED MEETING DATE: Thursday, March 22, 2018 – 1:30 p.m.

There being no further business to come before the Board at this time, the meeting was adjourned at 2:41 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.]

ITEM 2

DATE: April 26, 2018
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Manager
SUBJECT: Parcel 8AB – KC FXE Aviation Investments, LLC – Lease Termination

KC FXE Aviation Investments, LLC (KC FXE) leases Parcel 8AB at Executive Airport through a 30-year lease agreement dated November 1, 2009. The property consists of 8.683 acres of aviation property and has 3 small hangars totaling 29,520 square feet of hangar and FBO office space (Exhibit 1). Rental payments are \$192,309.80 per year and adjusted annually in accordance with the Consumer Price Index. The next adjustment is scheduled for November 1, 2018.

Mr. Ignacio Martinez acquired the membership interests of KC FXE and the Parcel 8AB Lease in 2013. According to the terms of the Lease, KC FXE is required to redevelop Parcel 8AB in three phases totaling approximately \$5,000,000. Mr. Martinez intended on fulfilling the minimum construction requirements and deadlines contained in the Lease Agreement by developing a first-class FBO facility on the leasehold.

Phase I involved the demolition and clearing of the old restaurant located on the property within 12 months of the commencement date of the new lease, which has been completed. Phase II consists of constructing a minimum of two (2) aircraft hangars and office space totaling 44,680 square feet, access roadway, automobile parking, and site improvements with a total minimum investment of \$1,800,000. Phase III consists of constructing a 22,340 square foot aircraft hangar with office space, and a 7,500 square foot FBO terminal building with a minimum investment of \$3,000,000.

In 2016, KC FXE encountered several challenges related to storm water requirements and completing the necessary construction permits. Unfortunately, these challenges delayed the construction project, which required a lease amendment to address the Phase II and III construction requirements. The 2nd Lease Amendment was approved by the Board on June 23, 2016 and the City Commission on August 16, 2016. KC FXE was provided with 332 days to construct the Phase II requirements upon receipt of the master building permit, and the construction deadline for Phase III was extended to December 31, 2022. Records from the Building Department indicate that the master building permit was issued on April 21, 2017 resulting in a Phase II construction deadline of March 19, 2018. On February 27, 2018, the Building Department issued a notice to the contractor that the permit would soon expire within 30 days. The Airport followed up with an additional notice advising the Lessee of the pending issues (Exhibit 2).

In accordance with the Lease, if Phase II improvements are not completed by the deadline the construction assurance deposit will be forfeited and the Lease shall automatically terminate.

Based on a visual inspection, the required phase II construction has not been completed. There is still a significant amount of work left to be done, including the installation of security fencing and gates, asphalt, plumbing, electrical, hangar doors, landscaping, a taxiway connector, and interior finishes (Exhibit 3). Additionally, final inspections will have to be completed

As a result of KC FXE's failure to timely complete the phase II construction, the City will exercise the Lease termination clause as identified in Paragraph 2a of the 2nd Lease Amendment for Parcel 8AB.

Staff Recommendation

Staff recommends termination of the Parcel 8AB Lease with KC FXE Aviation Investments, LLC for failing to complete the Phase II construction improvements within the required 332 days.

ITEM 2
EXHIBIT 1





VIA CERTIFIED MAIL, RETURN RECEIPT REQUESTED AND EMAIL mbg@bizavlaw.com

March 26, 2018

W Aviation
KC FXE Aviation Investments LLC
2700 North Military Trail
Suite 130
Boca Raton, FL 33431

Re: Building Permit Expiration – Parcel 8AB - Fort Lauderdale Executive Airport

We are in receipt of the City of Fort Lauderdale Department of Sustainable Development Division Notice for Building Permit 15020857 nearing expiration.

Please contact the Building Department for direction on the requirements and actions needed to bring this into compliance before expiration.

As you are aware your lease requires compliance with all government rules and regulations. If the Special Magistrate decides to assess a lien against your leasehold interest this could initiate the lease default provisions contained within your lease.

Your prompt attention to these matters is required to ensure proper corrective action will be taken.

If you have any questions, please contact my office at (954) 828-4955.

Sincerely,

A handwritten signature in black ink that reads "Laura A. Morton".

Laura A. Morton
Administrative Assistant

Enclosure

CITY OF FORT LAUDERDALE DEPARTMENT OF SUSTAINABLE DEVELOPMENT
700 NW 19 AVENUE, FORT LAUDERDALE, FL 33311

Feb 27, 2018

Contractor:

WALKER DESIGN & CONSTRUCTION C
6500 E ROGERS CIR
BOCA RATON, FL 33487

Owner

CITY OF FORT LAUDERDALE % FT LAUD E
6000 NW 21 AVE
FORT LAUDERDALE, FL 33309

RECEIVED

MAR -5 2018

FORT LAUDERDALE
EXECUTIVE AIRPORT

Job Address: 5900 NW 24 WAY
Permit Number: 15020857
Type of Work: PAVING & DRAINAGE

Thank you for applying for the above referenced permit to improve your property in the City of Fort Lauderdale. We commend you for making the investment in our community.

As a courtesy notice, we want to inform you that YOUR BUILDING PERMIT MAY SOON EXPIRE if no action is taken within the next 30 days*. Permits expire if work, as defined (FBC) Paragraph 105.3.2.6, authorized by such permit is not commenced within 180 days from the date of the permit or if such work when commenced is suspended or abandoned for a period of 90 days, Section 105.3.2.1. Depending on inspection status as stated above, the permit may expire prior to 30 days from this notice. If still active, please get an approved inspection within 30 days.

If the permit expires, all work must cease until it is renewed or a new permit obtained. Any additional permits for the property will also be on hold until the listed permit is resolved.

Permits can be renewed one time for a fee equal to half the cost of the original permit, if the permit is renewed prior to the date it expires. If the permit is renewed after the date of expiration, the full fee will be due.

Details on your permit can be found on the City's Online Services eGovPLUS and select 'Check Permit Status' or copy link below:
https://www.fortlauderdale.gov/egovplus/permit/perm_status.aspx

We recommend you contact your contractor at your earliest convenience. You may also contact our office at the information listed below.

Structural Permits	954-828-4678
Electrical Permits	954-828-6312
Mechanical Permits	954-828-6146
Plumbing Permits	954-828-5246
Zoning Permits	954-828-6342
Landscape Permits	954-828-5200

Best regards,
John Travers
Building Official

*Pursuant to Broward County Board of Rules & Appeals and FBC 105.3.2.5.1









(a) TERM. The parties acknowledge and agree that the Term of this Lease Agreement commenced on November 1, 2009 ("Commencement Date"), and shall terminate thirty (30) years thereafter, unless sooner terminated as provided in this Lease. The Term of this Agreement will expire twelve (12) months from its Commencement Date if Lessee fails to provide City with evidence that it has expended funds for the renovation or improvement of the Premises equal to the minimum investment of Two Hundred Thousand (\$200,000.00) Dollars. Thereafter, this Agreement will automatically terminate if Lessee fails to provide City with evidence that Lessee has constructed the Phase II Improvements which support a minimum investment of One Million Eight Hundred Thousand and No/100 Dollars (\$1,800,000.00) within Three Hundred Thirty Two (332) days after issuance of all building permits by all regulatory authorities. In addition, this Agreement shall automatically terminate if Lessee has not constructed the Phase III Improvements which support a minimum investment of Three Million and No/100 Dollars (\$3,000,000.00) on or before December 31, 2022.

3. Base Rent in Paragraph 8(a) is revised as follows:

Effective upon approval of this Second Amendment by the City Commission of Lessor, Base Rent shall increase by five (5%) percent from One Hundred Sixty One Thousand Twelve and 96/100 Dollars (\$161,012.96) to One Hundred Sixty Nine Thousand Sixty Three and 56/100 Dollars (\$169,063.56) ("Base Rent"). Effective October 1, 2019, the then current Base Rent, as adjusted, shall automatically increase by Five Percent (5%). All other terms and conditions of paragraph 8, including CPI adjustments to rent, remain unchanged.

4. Construction Assurance Deposit. In consideration of the Lessor agreeing to extend the Phase II and Phase III deadlines, Lessee agrees to make and pay to Lessor a Construction Assurance Deposit of Two Percent (2%) of the minimum construction cost (\$1,800,000.00) of the Phase II Improvements and Two Percent (2%) of the minimum construction cost (\$3,000,000.00) of the Phase III Improvements. If the Phase II and Phase III Improvements are not completed by the deadlines established herein, then the deposits are forfeited to Lessor and this Lease shall automatically terminate. Within thirty (30) days after the City Commission of Lessor approves this Second Amendment, Lessee shall remit the Construction Assurance Deposit for the Phase II Improvements. On or before October 1, 2019, the Lessee shall remit the Construction Assurance Deposit for the Phase III Improvements. Failure to timely remit the deposits shall be deemed an event of default under this Agreement.

5. Building Permits. Lessor shall use its best efforts secure all building permits for Phase II Improvements on or before October 15, 2016. The City Manager, in his sole discretion, shall have the option to grant two (2) sixty (60) day extensions to allow Lessee to secure building permits for the Phase II Improvements upon written request (prior to October 16, 2016) from Lessee which shall include an explanation of why an extension should be granted which explanation may include but is not limited to delays caused by regulatory authorities which are outside the control of Lessee.

6. Effect of Amendment. Except as stated herein, the Amended and Restated Lease

ATTORNEY AT LAW

April 20, 2018

VIA ELECTRONIC MAIL RJAMES@FORTLAUDERDALE.GOV

RECEIVED

APR 25 2018

FORT LAUDERDALE
EXECUTIVE AIRPORT

RUFUS A. JAMES, AIRPORT MANAGER
FORT LAUDERDALE EXECUTIVE AIRPORT
290 NE 3RD AVENUE
FORT LAUDERDALE, FLORIDA 33301

Re: *Parcel 8AB, Fort Lauderdale Executive Airport, Fort Lauderdale, Broward County, Florida-"Parcel"*

Dear Mr. James:

We represent KC FXE Aviation Investments, LLC, a Florida limited liability company ("KCFXE").

We are in receipt of your letter of April 13, 2018.

We refute your allegation of a lease default as alleged in your correspondence as the lessee has, to date, expended well in excess of US\$1,800,000.00 in the development of the Parcel and Phase I is substantially and materially complete. Obviously, KCFXE will vigorously defend any action to terminate the Lease following the enormous expenditures of time and funds to date and the materiality of its performance.

You are well aware that the paving cannot be completed until the City of Fort Lauderdale issues a paving permit which is now seriously delinquent. Upon receipt of same, the paving will commence immediately and Phase I will be completed within one hundred and fifty (150) days. We, therefore, request an extension for such period commencing on the date of issuance of the final permitting.

Your prompt response would be greatly appreciated. Thank you for your continued support.

Very truly yours,

MARK B. GOLDSTEIN, P.A.

MARK B. GOLDSTEIN, Esquire
For the Firm

MBG:agw

Cc: Ignacio A. Martinez (via electronic mail)
Leonel Leon (via electronic mail)

ITEM 3

DATE: April 26, 2018
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Manager 
SUBJECT: Parcel 17 – Lease Agreement with the United States of America, Army Reserve

The United States of America (Government) leases Executive Airport Parcel 17, consisting of 184,733 square feet or 4.241 acres, for use as the U.S. Army Nininger Reserve Center (Exhibit 1). The original Lease Agreement was dated November 28, 1961 and expired on November 30, 2012. A 5 year Lease extension was negotiated and approved as the Government contemplated acquiring property elsewhere to consolidate several reserve units in one location. Unfortunately, the Government experienced some delays at the new location and was unable to begin construction as anticipated.

The Government has requested a Lease Agreement for the term beginning June 1, 2018 through June 30, 2019 with options to extend annually, but not to extend beyond June 30, 2022. Annual rent shall be \$170,000.00, which represents eight percent (8%) of the appraised value of \$2,125,000.00. The Government has requested that the annual lease rate remain the same for the four-year period, given the short length of the lease.

This new Lease is consistent with FAA guidelines and provides the Airport with an opportunity to generate more than a fair return of revenue on the property. The term allows the Army to continue its operations throughout the duration and gives the Airport time to develop a long-term strategy for the property. Staff has presented the proposed terms to the Federal Aviation Administration and the agency does not have any objections.

Staff Recommendation

Staff recommends that the City enter into a Lease with the United States of America for Parcel 17 at an annual lease rate of \$170,000.00 from June 1, 2018 through June 30, 2019 with options to extend annually, but not to extend beyond June 30, 2022.

ITEM 4

DATE: April 26, 2018
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Manager 
SUBJECT: Parcel 8H – Southeast Toyota Distributors, LLC - 5th Amendment to Lease

Southeast Toyota Distributors, LLC (Southeast Toyota) leases Parcel 8H at Executive Airport consisting of 5.132 acres under terms of a lease expiring in March 2025. The property has been improved with the construction of two large hangars, totaling approximately 27,600 square feet, approximately 7,800 square feet of office space, a fuel farm, and associated aircraft and automobile parking (Exhibit 1). Southeast Toyota utilizes the property to house their corporate flight department, which includes four Stage 3 business jets.


As the Board may recall from the February 27, 2018 Aviation Advisory Board (AAB) meeting, Airport staff recommended entering into an Easement Agreement for an entrance and exit lane to be reserved as an alternate road to access Parcel 8H. KC FXE Aviation Investments, LLC proposed leasing Parcel 8G, and renovating the site to accommodate their future development, which would impact the Southeast Toyota existing entrance road.

At the recommendation of the City Attorney's Office, a Lease Amendment would be more applicable in this scenario since a date for construction and engineering specifications have not been established. Under the Lease Amendment, Southeast Toyota is assured that the option is available for an alternate access road in the event any future development occurs on the adjacent Parcel 8G, which would impact access to their leasehold property.

Staff Recommendation

Staff recommends the approval of a 5th Amendment to the Lease Agreement for Parcel 8H, Southeast Toyota Distributors, LLC with an option for an alternate access road in the event any future development results in an impact on their existing access road.

ITEM 5

DATE: April 26, 2018
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Manager
BY: Fernando Blanco, Airport Engineer/PMII
SUBJECT: Grant Application with Federal Aviation Administration for the Design of Taxiway Foxtrot Relocation

A review of the current Airport Layout Plan (ALP) 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 (Exhibit 1). The taxiway is located 305 feet from the centerline of Runway 9-27, instead of the required 400 foot distance. The FAA is recommending that this portion be relocated to the required 400 foot separation distance in order to comply with current FAA runway/taxiway separation criteria (Exhibit 2).

The project will involve the demolition of the existing 3,200 linear feet of taxiway pavement, including lights and guidance signs, and 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 to the east of Taxiway Sierra (Exhibit 1).

The Airport has developed this project to address the above conditions. The design costs are estimated to be \$390,002. Both the FDOT and FAA have agreed to provide grant funding for 95% reimbursement of eligible design costs for this project. We have prepared a grant application for acceptance of a grant from the FAA in the amount of \$351,002, or 90% of the anticipated design costs.

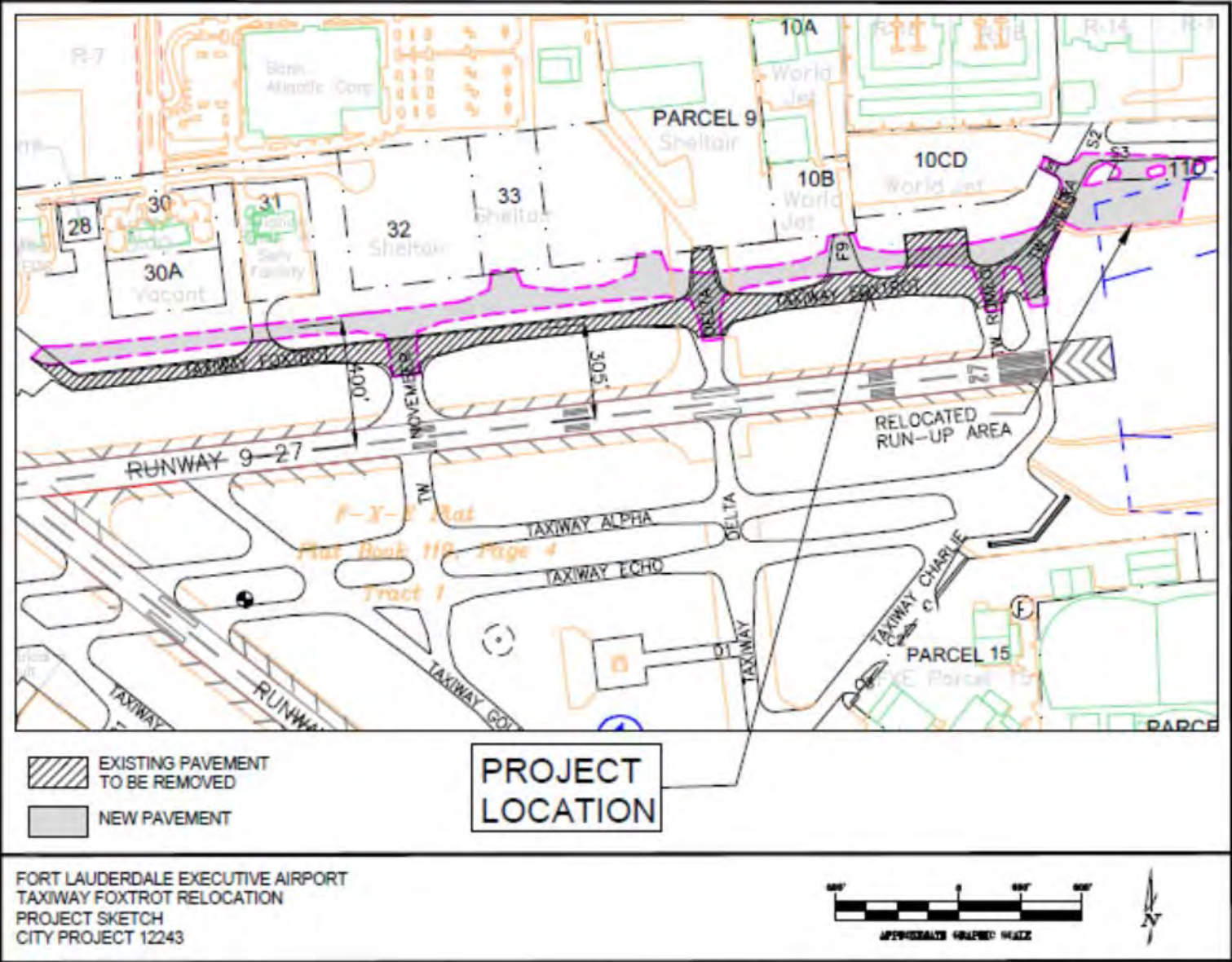
Staff Recommendation

Staff recommends that the City be authorized to accept a grant from the Federal Aviation Administration for a maximum amount of \$351,002 for design of the Taxiway Foxtrot Relocation project and that the City executes the grant when offered.

**ITEM 5
EXHIBIT 1**



ITEM 5
EXHIBIT 2



ITEM 6

DATE: April 26, 2018
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Manager
BY: Carlton M. Harrison, Assistant Airport Manager
SUBJECT: Joint Participation Agreement with Florida Department of Transportation for the Design of Taxiway Foxtrot Relocation Project

This project is for the design costs associated with the relocation of the eastern 3,000 feet of Taxiway Foxtrot. The taxiway must be relocated to the required 400 foot separation distance from the centerline of Runway 9-27 in order to comply with current Federal Aviation Administration (FAA) design criteria.

The project involves the demolition of the existing taxiway pavement, including lights and guidance signs, and construction of new asphalt paved taxiway including grading, subgrade, limerock base course, pavement striping, LED lights, and guidance signs. The existing run-up apron will be demolished and a new run-up area will be constructed. The project will be funded by the FAA (90%), FDOT (5%), and the Airport (5%).

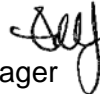
The Florida Department of Transportation has initiated a JPA in the amount of \$19,512, based on a project estimate of \$390,246 to provide up to 5% of the cost for design and construction costs to relocate Taxiway Foxtrot.

Staff Recommendation

Staff recommends the Joint Participation Agreement be approved for the City to accept \$19,512 from the Florida Department of Transportation for up to 5% of the design costs for the Taxiway Foxtrot Relocation Project.

UPDATE ITEM A

DATE: April 26, 2018
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Manager
BY: Florence Straugh, Noise Abatement Officer
SUBJECT: Noise Compatibility Program



WebTrak-FXE Top Tweet

The City's Top Tweet for February 2018 was WebTrak-FXE, which amassed 4,272 impressions during its first month. The City plans to expand the use of social media to promote programs and services that benefit the community.

WebTrak-FXE New Feature

The Airport recently added a new feature to enhance WebTrak-FXE that depicts historical noise levels around the Airport. Over the past four decades, a set of noise contours were developed and incorporated into a map that shows the airport surrounded by a set of concentric contours representing the noise levels. The maps are called Noise Exposure Maps (NEM) and developed in accordance with federal regulations. Each of the four NEMs was submitted to the Federal Aviation Administration (FAA) for review and acceptance as official records. In comparing the NEMs, the noise contours show the progression of noise reduction over the decades, which were compiled in 1985, 1995, 2002, and 2015.

The noise contours were developed using annual average noise, known as Day-Night Sound Level (A-weighted), the noise metric established by FAA regulations in 1981 as the standard. The contours are delineated into three separate decibel levels of DNL.

1. The 65 DNL is the outer contour (shown in violet).
2. The 70 DNL is the middle contour (shown in faded red).
3. The 75 DNL is the inner contour (shown in darker red).

For a quick tutorial to view the noise contours from the WebTrak-FXE webpage visit the site at <http://webtrak5.bksv.com/fxe> and select the Contours tab in the lower left section of the screen, then select the applicable year in the list of the Contour map (Exhibit 1). The noise contours for 2015 are then reflected (Exhibit 2).

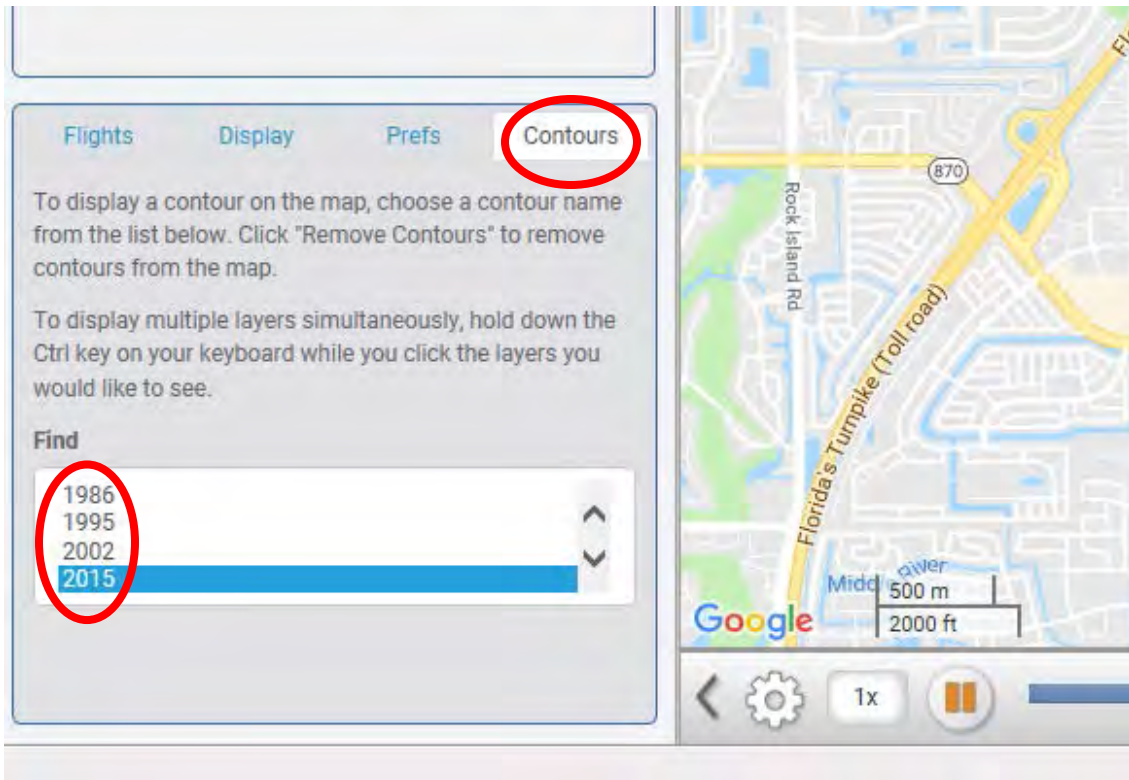


Exhibit 1: Contours Tab and Contour Year

To show the noise contour level, click on the noise contour on the WebTrak map -- a tag will pop-up that shows the description of the year and noise level.

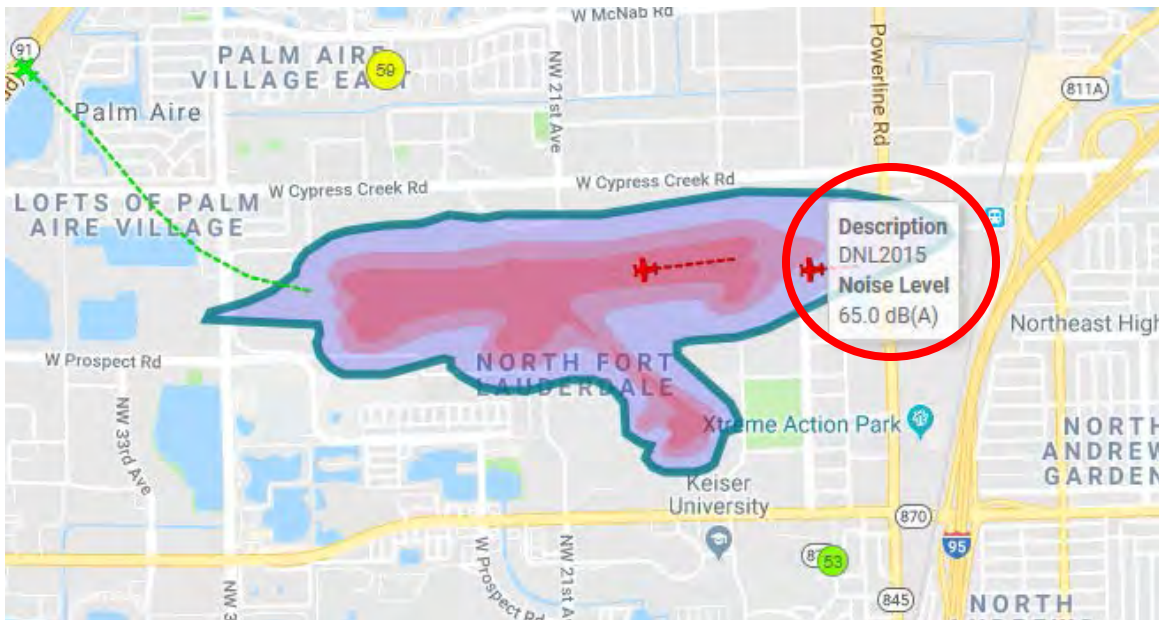


Exhibit 2: Noise Exposure Map (NEM) – 2015 DNL Noise Contours

Monthly Noise and Operations Tables

Listed below are the summaries of the monthly noise statistics for the months of February and March 2018. Attached are the respective noise tables.

	Feb-18
Total Jet Departures	1257
Runway 27 Jet Departures	37
Runway 9 Jet Departures	1209
Runway 13-31 Jet Departures	11
Total I-95 Turns - Rwy 9 Jet Deps	725
% I-95 Turns - Rwy 9 Jet Deps	60%
Jet Events over 80 dB at Monitor #1	54
Jet Events over 80 dB at Monitor #2	7
No. of Households Reporting	14
No. of Noise Reports	31

	Mar-18
Total Jet Departures	1504
Runway 27 Jet Departures	545
Runway 9 Jet Departures	948
Runway 13-31 Jet Departures	11
Total I-95 Turns - Rwy 9 Jet Deps	587
% I-95 Turns - Rwy 9 Jet Deps	62%
Jet Events over 80 dB at Monitor #1	35
Jet Events over 80 dB at Monitor #2	3
No. of Households Reporting	15
No. of Noise Reports	23



COOPERATIVE NOISE ABATEMENT EFFORT

Month of February

March 22, 2018

Operations	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18
Total Jet Departures	810	1281	1286	881	702	714	800	1060	756	1208	1193	1183	1257
Runway 27 Jet Departures	201	226	242	247	86	126	109	108	131	126	346	392	37
Runway 9 Jet Departures	606	1051	989	624	611	584	688	935	615	1081	845	785	1209
Runway 13/31 Jet Departures	3	4	55	10	5	4	3	17	10	1	2	6	11
Jet Departures Rwy 9													
Total I-95 Turns	332	601	622	391	363	332	453	411	299	628	485	476	725
% I-95 Turns	55%	57%	63%	63%	59%	57%	66%	44%	49%	58%	57%	61%	60%
Jets over 80 dB at Monitor #2	7	7	4	1	2	1	1	15	10	9	5	6	7
Prop Departures Rwy 9													
Props over 80 dB at Monitor #2	14	11	14	12	17	14	13	7	11	6	18	11	6
Nighttime Jet Deps (10 p.m. - 7 a.m.)													
Total Nighttime Jet Departures	70	123	101	81	69	58	54	94	65	97	119	94	106
Nighttime Rwy 27 Jet Deps.	22	26	24	26	7	1	8	12	15	17	12	33	8
Nighttime Rwy 9 Jet Deps.	45	97	74	55	62	44	38	82	48	80	98	60	96
Nighttime Rwy 13/31 Jet Deps.	3	0	3	0	0	13	8	0	2	0	9	1	2
Nighttime Jet Deps Runway 9													
Nighttime I-95 Turns (11 p.m.-7 a.m.)	26	60	45	31	33	32	28	57	25	48	61	40	52
Nighttime Straight-Out (11 p.m. - 7 a.m.)	11	22	17	15	14	9	5	12	19	21	17	8	30
Nighttime Events Over 80 dB	0	0	0	0	0	0	0	0	0	0	0	0	0
Noise Reports													
	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18
Noise Reports by Aircraft Category at FXE													
# Noise Reports - Jets	2	5	28	15	2	2	6	6	15	18	21	11	17
# Noise Reports - Propellers	7	8	14	2	6	4	2	0	4	6	4	7	8
# Noise Reports - Helicopters	15	10	18	14	10	0	0	1	3	1	6	14	1
# Noise Reports - Unmatched	3	9	9	3	1	0	0	0	1	2	0	1	1
# Noise Reports - FLL & Other Overflights	5	10	9	4	3	2	0	0	0	0	1	6	4
Total Noise Reports	32	42	78	38	22	8	8	7	23	27	32	39	31
# Households Reporting	10	10	14	14	7	5	6	6	11	11	13	18	14

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.

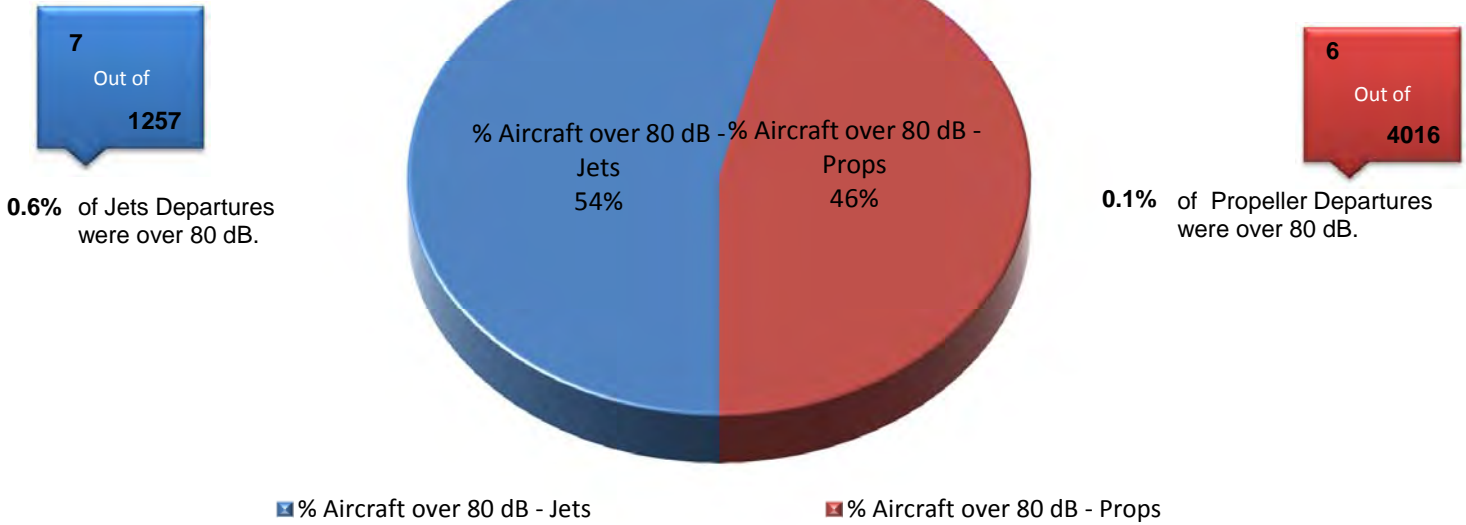
COOPERATIVE NOISE ABATEMENT EFFORT

Month of February

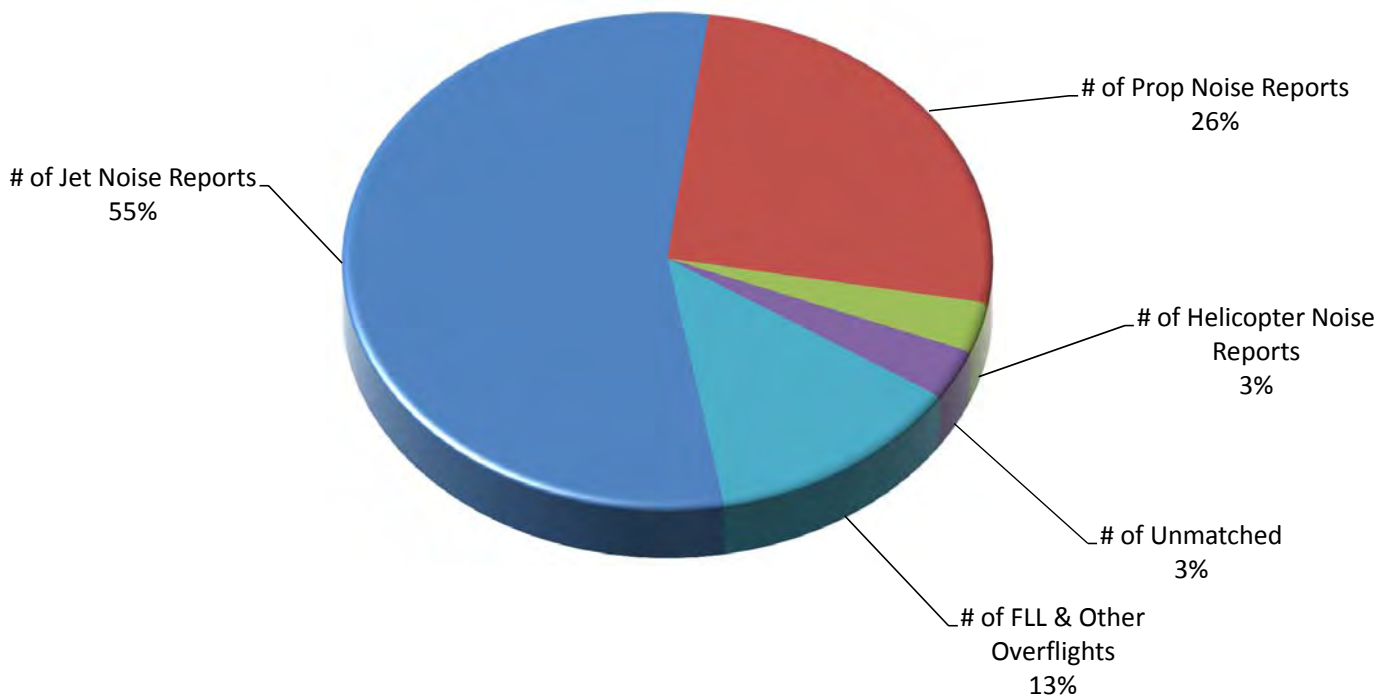
March 22, 2018

Monthly Operations over 80dB Per Airplane Type

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



Monthly Noise Reports Per Airplane Type



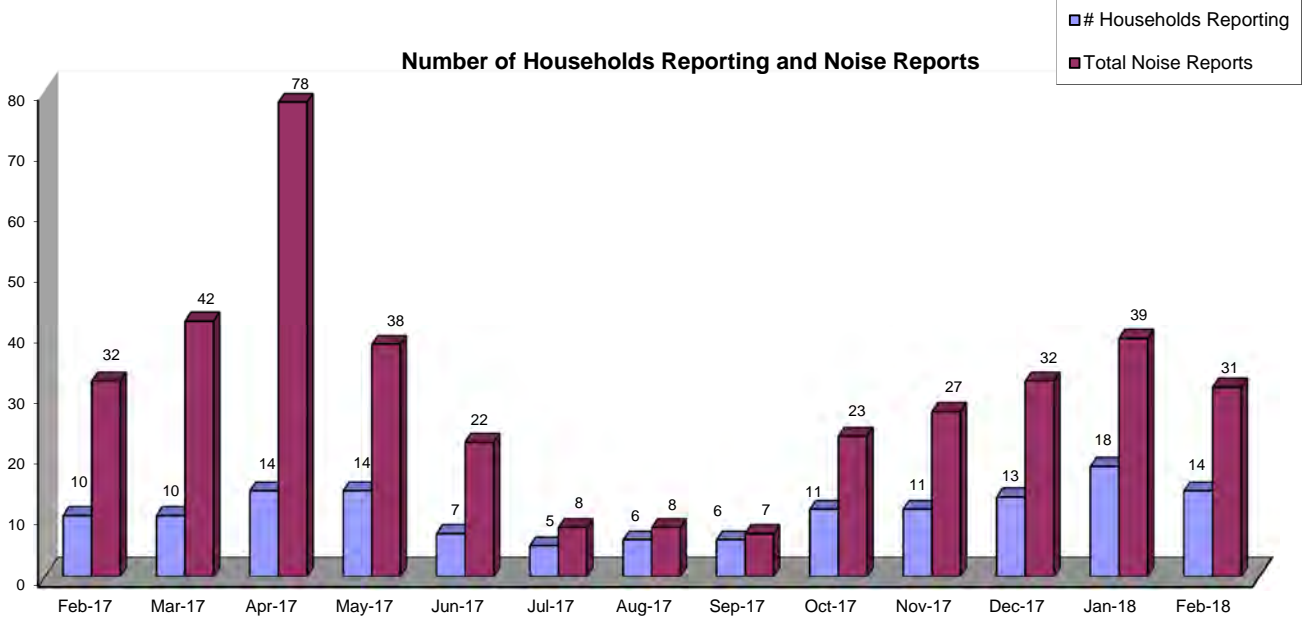
COOPERATIVE NOISE ABATEMENT EFFORT

Month of February

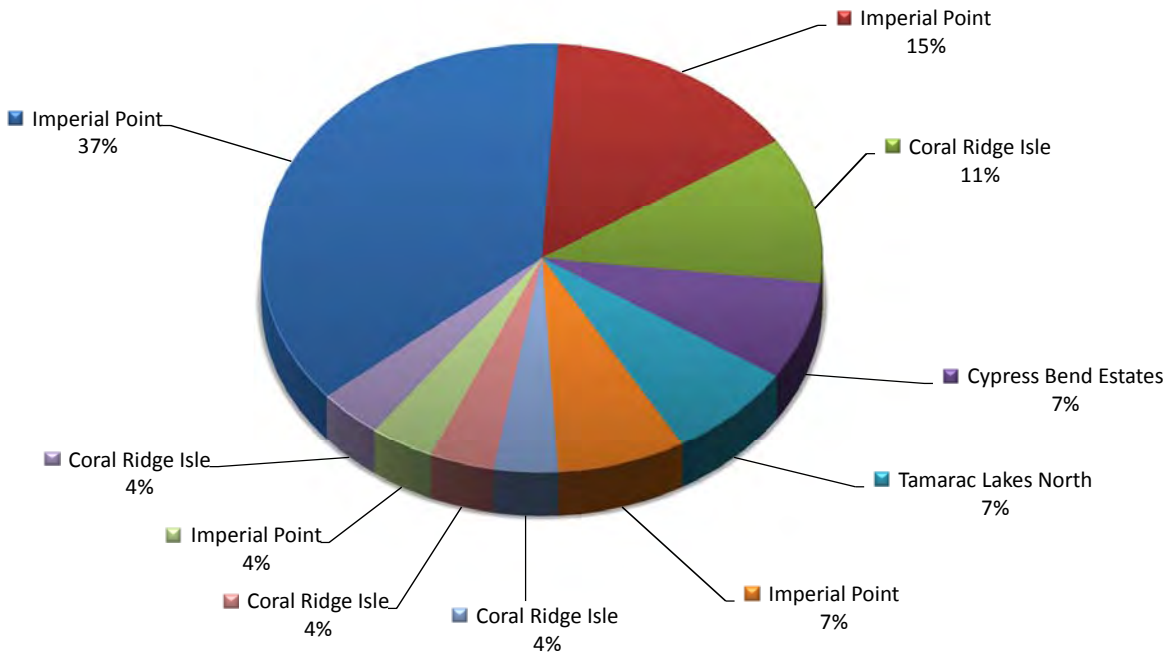
March 22, 2018

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

14



Noise Reports by Households
 10 Households Made 27 Aircraft Noise Reports or 87% of the 31 Total Noise Reports



COOPERATIVE NOISE ABATEMENT EFFORT

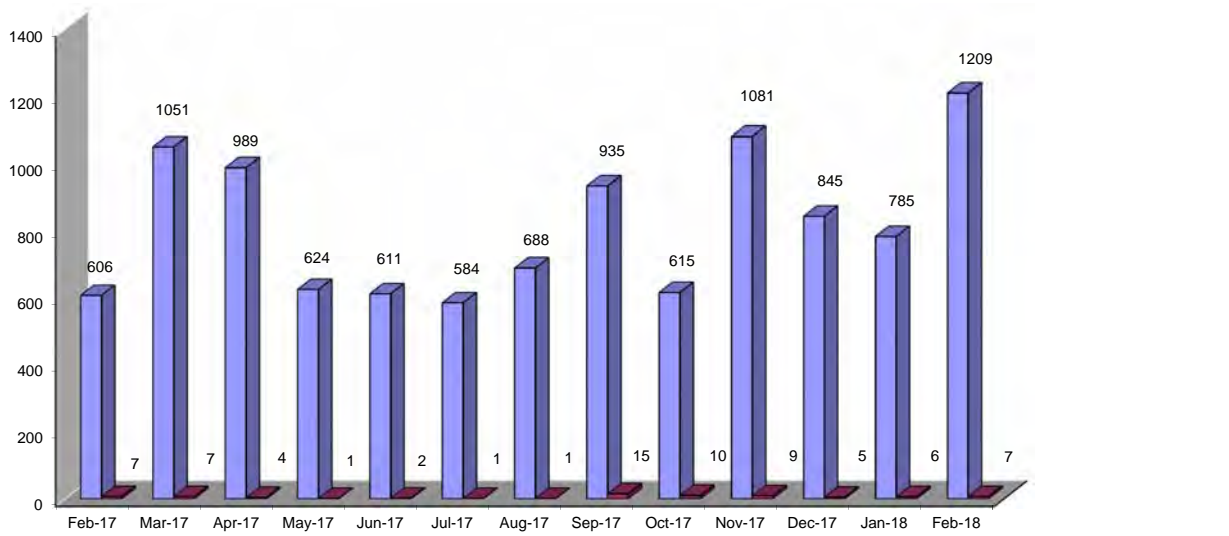
Month of February

March 22, 2018

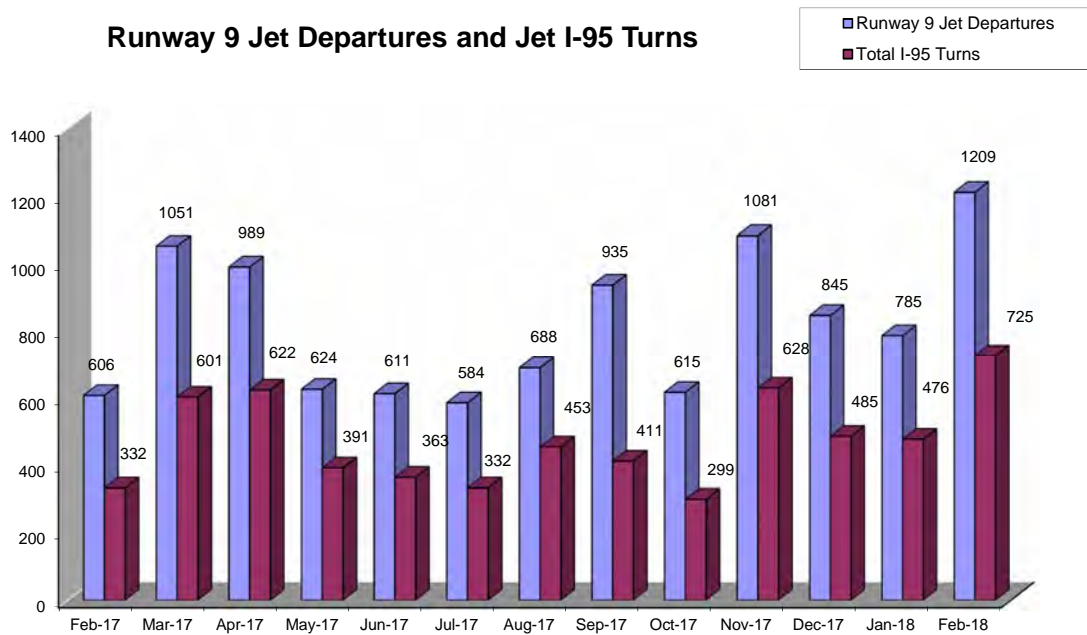
Number of Runway 9 Jet Departures over 80 decibels:

7

Runway 9 Jet Departures and Jet Over 80 Decibels



Runway 9 Jet Departures and Jet I-95 Turns

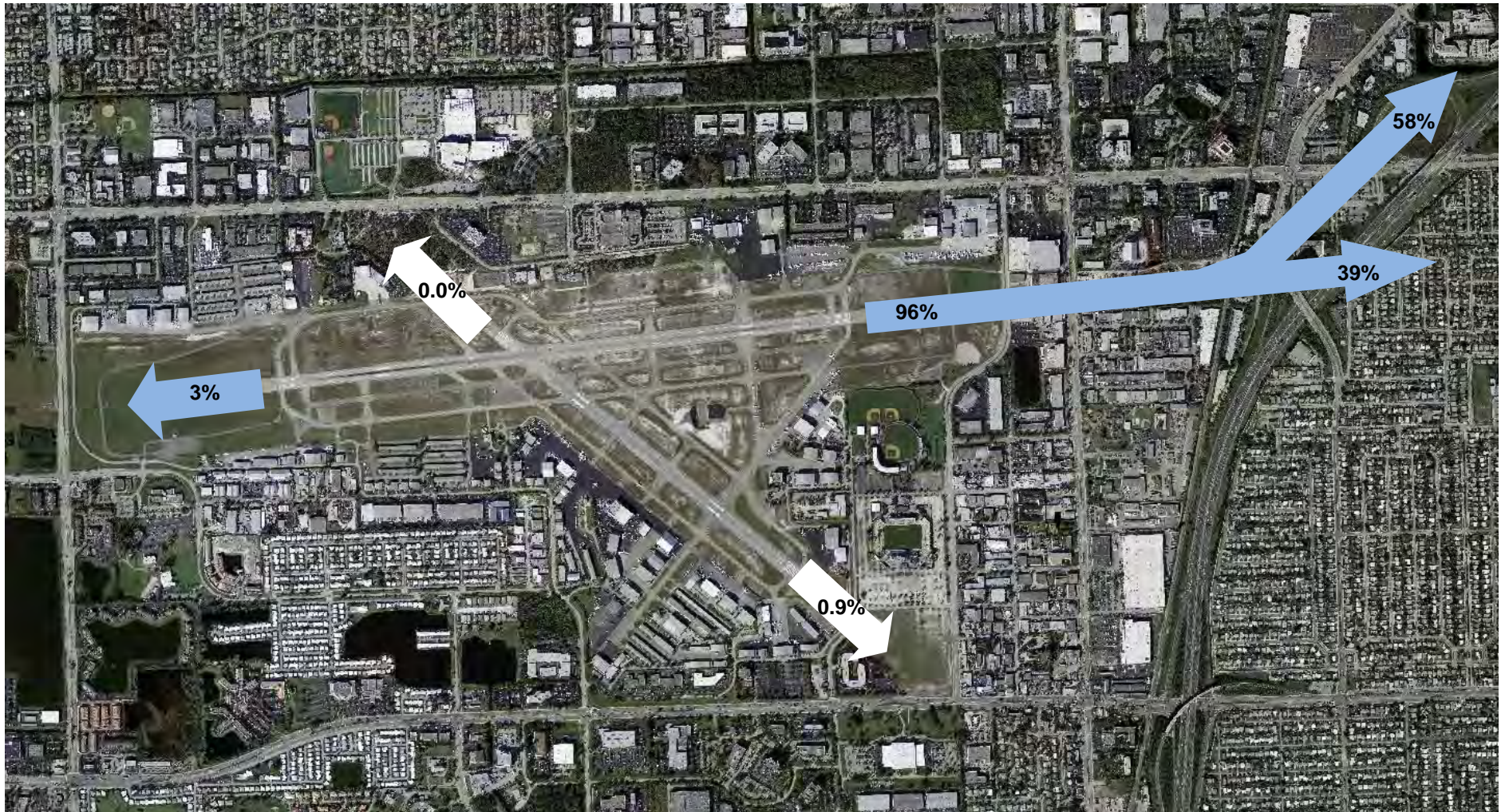


COOPERATIVE NOISE ABATEMENT EFFORT

Month of February

March 22, 2018

Percentage of Jet Departures Per Runway





COOPERATIVE NOISE ABATEMENT EFFORT

Month of March

April 26, 2018

Operations	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
Total Jet Departures	1281	1286	881	702	714	800	1060	756	1208	1193	1183	1257	1504
Runway 27 Jet Departures	226	242	247	86	126	109	108	131	126	346	392	37	545
Runway 9 Jet Departures	1051	989	624	611	584	688	935	615	1081	845	785	1209	948
Runway 13/31 Jet Departures	4	55	10	5	4	3	17	10	1	2	6	11	11
Jet Departures Rwy 9													
Total I-95 Turns	601	622	391	363	332	453	411	299	628	485	476	725	587
% I-95 Turns	57%	63%	63%	59%	57%	66%	44%	49%	58%	57%	61%	60%	62%
Jets over 80 dB at Monitor #2	7	4	1	2	1	1	15	10	9	5	6	7	3
Prop Departures Rwy 9													
Props over 80 dB at Monitor #2	11	14	12	17	14	13	7	11	6	18	11	6	1
Nighttime Jet Deps (10 p.m. - 7 a.m.)													
Total Nighttime Jet Departures	123	101	81	69	58	54	94	65	97	119	94	106	128
Nighttime Rwy 27 Jet Deps.	26	24	26	7	1	8	12	15	17	12	33	8	55
Nighttime Rwy 9 Jet Deps.	97	74	55	62	44	38	82	48	80	98	60	96	73
Nighttime Rwy 13/31 Jet Deps.	0	3	0	0	13	8	0	2	0	9	1	2	0
Nighttime Jet Deps Runway 9													
Nighttime I-95 Turns (11 p.m.-7 a.m.)	60	45	31	33	32	28	57	25	48	61	40	52	46
Nighttime Straight-Out (11 p.m. - 7 a.m.)	22	17	15	14	9	5	12	19	21	17	8	30	19
Nighttime Events Over 80 dB	0	0	0	0	0	0	0	0	0	0	0	0	0
Noise Reports													
	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
Noise Reports by Aircraft Category at FXE													
# Noise Reports - Jets	5	28	15	2	2	6	6	15	18	21	11	17	9
# Noise Reports - Propellers	8	14	2	6	4	2	0	4	6	4	7	8	5
# Noise Reports - Helicopters	10	18	14	10	0	0	1	3	1	6	14	1	1
# Noise Reports - Unmatched	9	9	3	1	0	0	0	1	2	0	1	1	0
# Noise Reports - FLL & Other Overflights	10	9	4	3	2	0	0	0	0	1	6	4	8
Total Noise Reports	42	78	38	22	8	8	7	23	27	32	39	31	23
# Households Reporting	10	14	14	7	5	6	6	11	11	13	18	14	15

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.

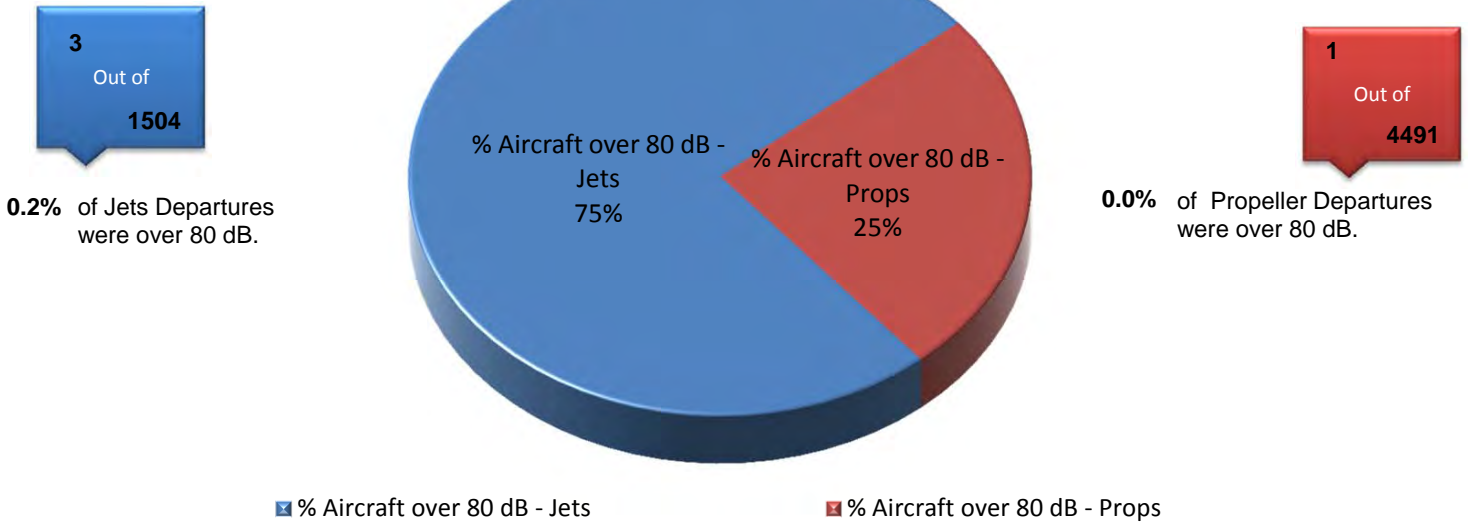
COOPERATIVE NOISE ABATEMENT EFFORT

Month of March

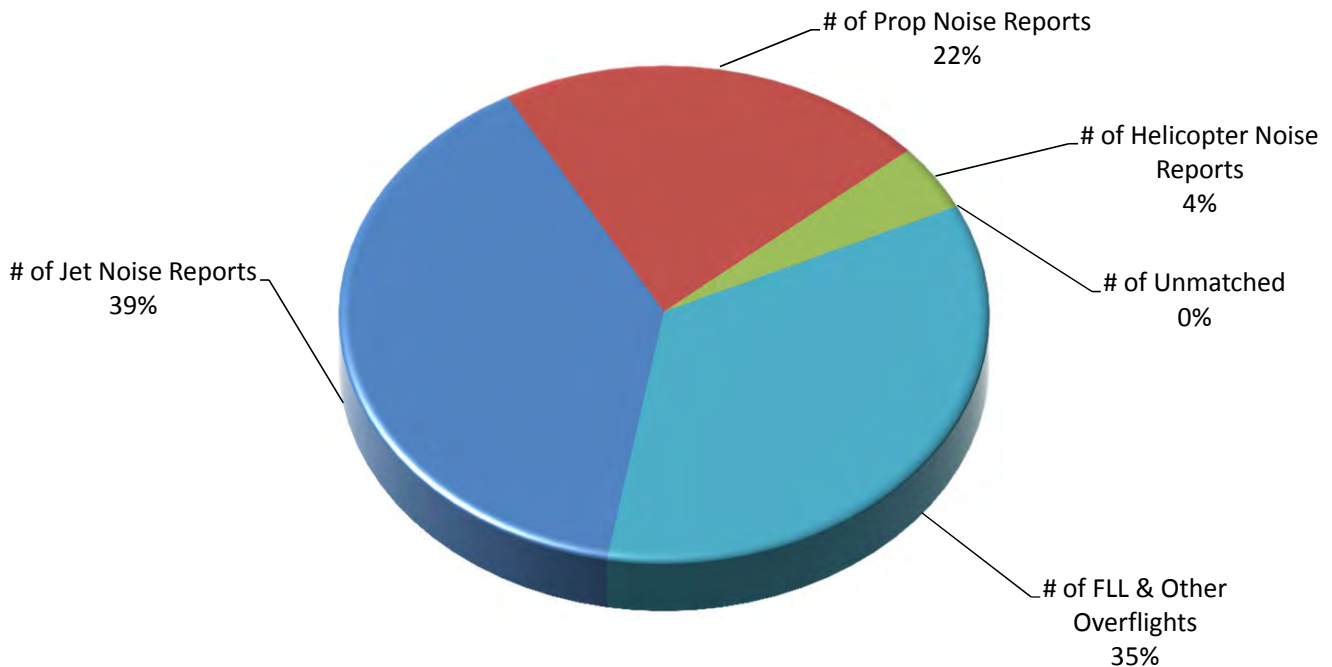
April 26, 2018

Monthly Operations over 80dB Per Airplane Type

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



Monthly Noise Reports Per Airplane Type



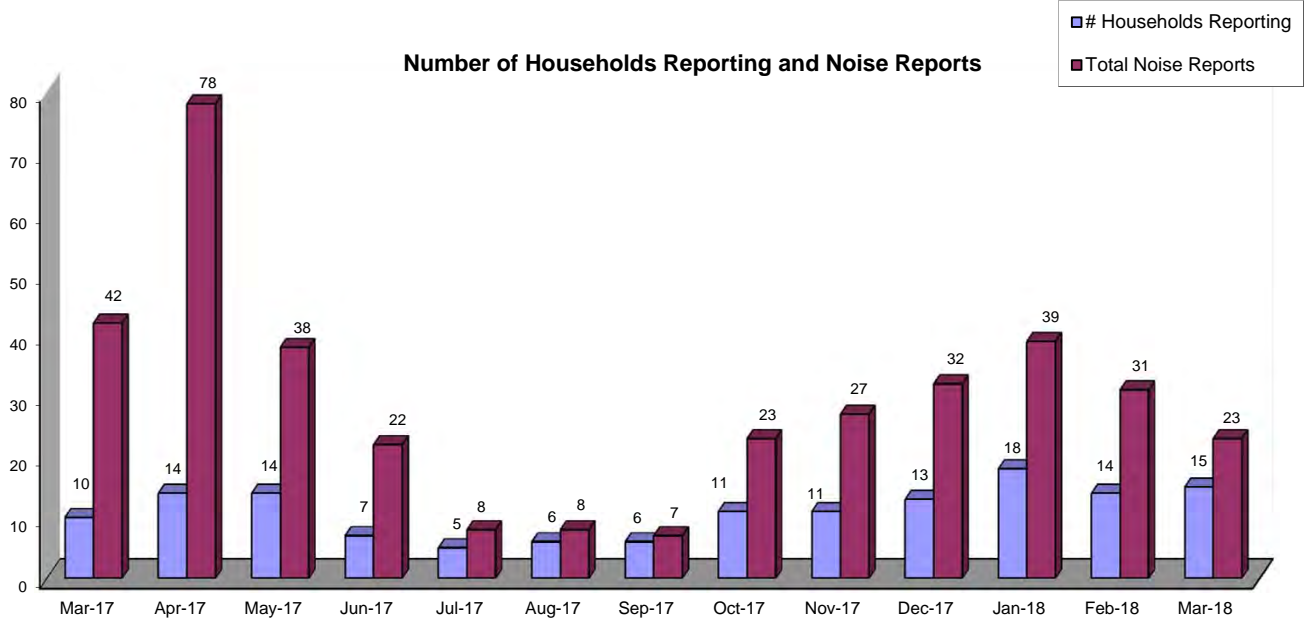
COOPERATIVE NOISE ABATEMENT EFFORT

Month of March

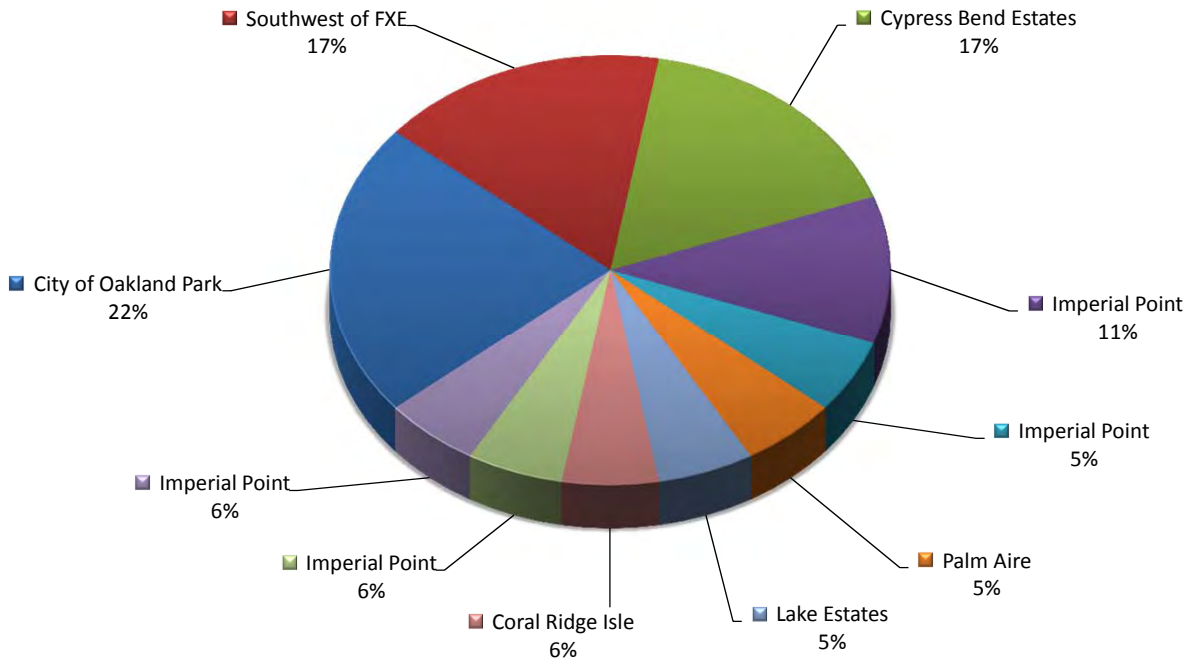
April 26, 2018

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

15



Noise Reports by Households
10 Households Made 18 Aircraft Noise Reports or 78% of the 23 Total Noise Reports



COOPERATIVE NOISE ABATEMENT EFFORT

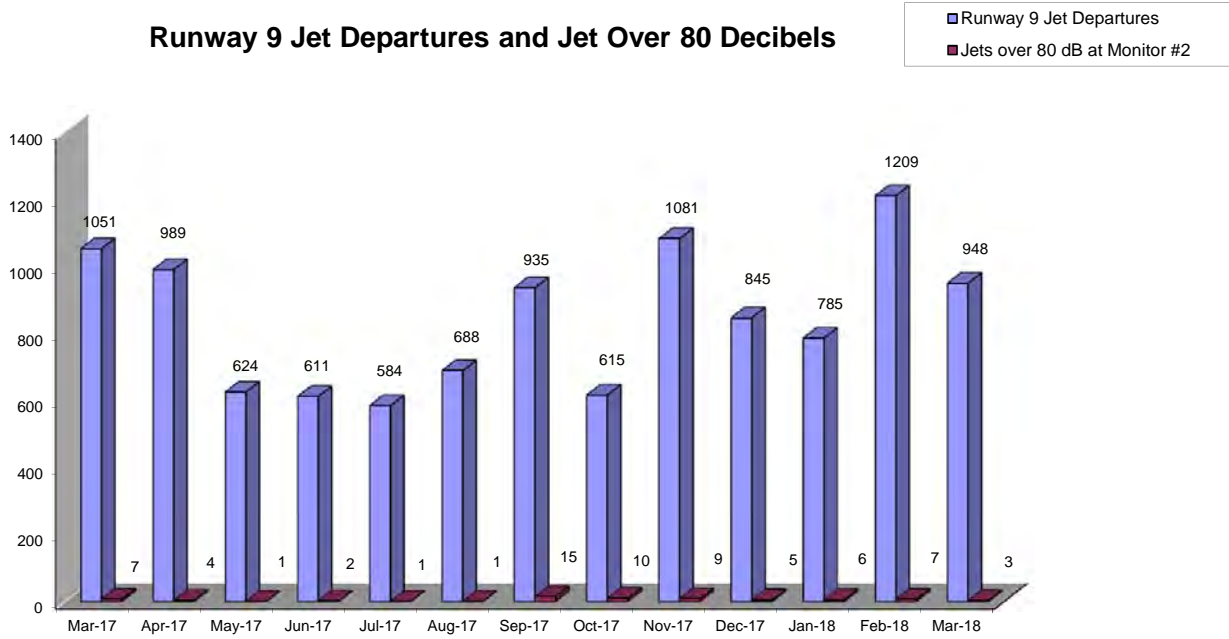
Month of March

April 26, 2018

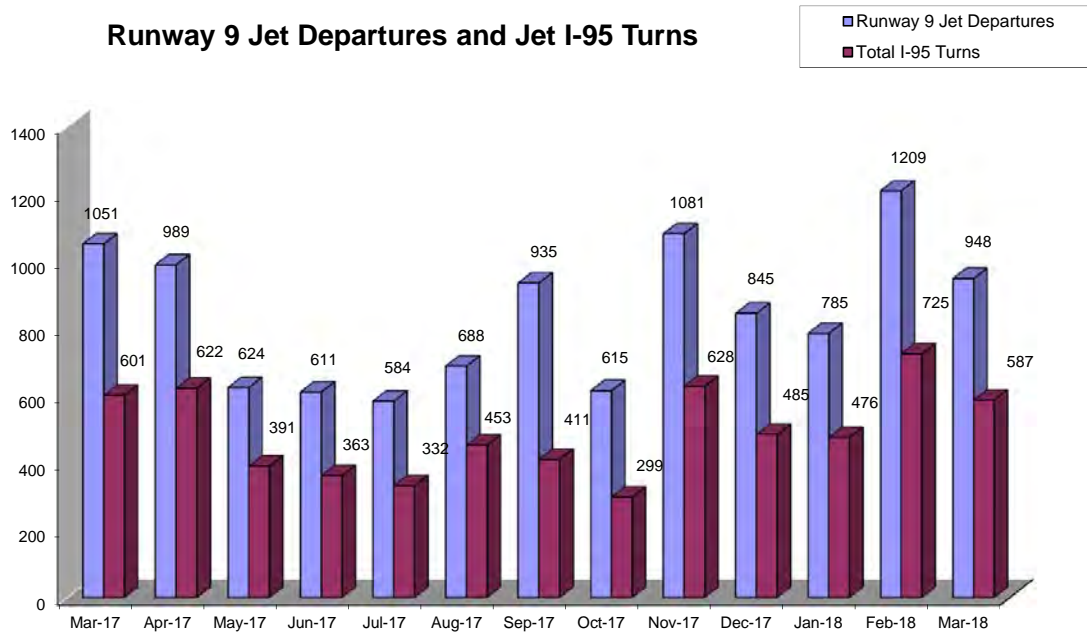
Number of Runway 9 Jet Departures over 80 decibels:

3

Runway 9 Jet Departures and Jet Over 80 Decibels



Runway 9 Jet Departures and Jet I-95 Turns

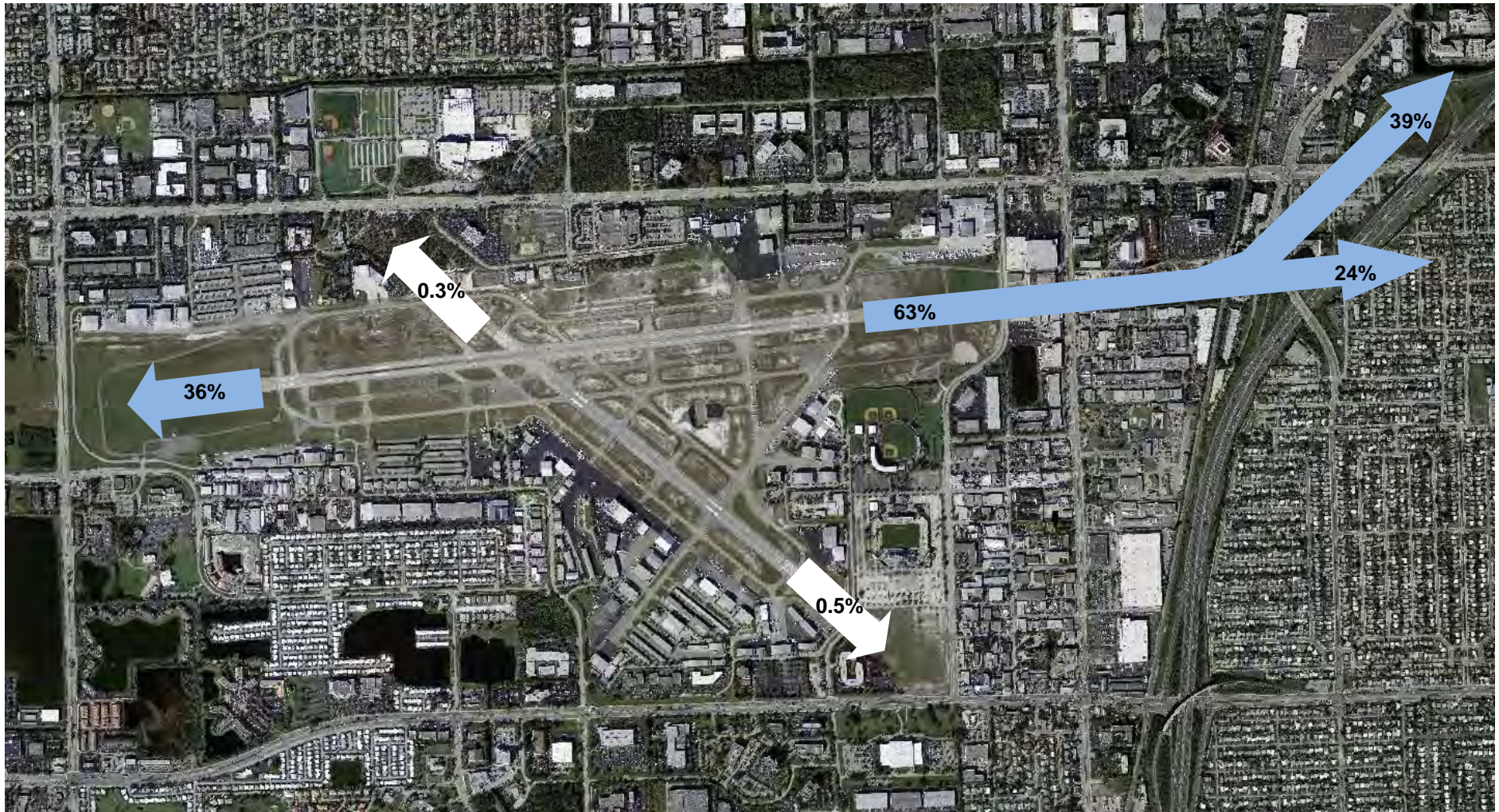


COOPERATIVE NOISE ABATEMENT EFFORT

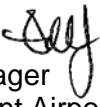
Month of March

April 26, 2018

Percentage of Jet Departures Per Runway



UPDATE ITEM B

DATE: April 26, 2018
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Manager
BY: Spencer A. Thornton, Assistant Airport Manager
SUBJECT: Development and Construction

12187 – TAXIWAY INTERSECTION IMPROVEMENTS

The contractor, Weekley Asphalt Paving Inc., has completed the project including all phases and punch list items (Exhibit 1). Final paint markings of the taxiway edge and centerlines were completed on April 17, 2018. The contractor will be watering the sod over the next three weeks to ensure growth. The contract time for the project was 189 calendar days and scheduled to be completed on May 9, 2018. The construction was completed ahead of schedule. Total construction cost for the project is \$1,388,943.45 of which \$1,111,154.00 will be paid via a FDOT reimbursable grant.

11999 – TAXIWAY FOXTROT PAVEMENT REHABILITATION

The project consists of the rehabilitation of the western half of Taxiway Foxtrot from Taxiway Golf to the approach end of Runway 9. General Asphalt Co. Inc. completed phase two of the section of Taxiway Foxtrot between Taxiways F3 and F5. Other work to be completed this week includes the electrical portion, temporary pavement markings, and installation of sod in the phase one and two areas. The next several weeks will consist of the relocation of the staging area and initiating work in phase three. The project is approximately 40% complete and scheduled in phases to reduce the impact to Airport tenants. Total construction cost for the project is \$2,138,102.36 of which \$1,924,291.00 will be paid via a FAA reimbursable grant.

**UPDATE ITEM B
PAGE 2 OF 2**

February 2018

Airport Operations	Feb-17	Feb-18
Total Operations	13,517	15,376
12 Month Cumulative	162,760	181,676
Operations 22:00 to 7:00	449	502
Average Operations per Night	16	18
Customs Operations	Feb-17	Feb-18
Total Aircraft Cleared	1,101	1,097
12 Month Cumulative	13,064	13,256
Total Passenger/Crew Cleared	4,129	4,261
12 Month Cumulative	48,287	50,563
Helistop Operations	Feb-17	Feb-18
Total Operations	86	54
12 Month Cumulative	1,053	722

Date	Alert Level	AC Type	Problem
2/20/18	III	Piper	Gear Up Landing

March 2018

Airport Operations	Mar-17	Mar-18
Total Operations	15,742	17,178
12 Month Cumulative	163,434	183,112
Operations 22:00 to 7:00	562	121
Average Operations per Night	18	13
Customs Operations	Mar-17	Mar-18
Total Aircraft Cleared	1,374	1,410
12 Month Cumulative	13,106	13,292
Total Passenger/Crew Cleared	5,105	5,540
12 Month Cumulative	48,049	50,998
Helistop Operations	Mar-17	Mar-18
Total Operations	66	78
12 Month Cumulative	1,021	668

Date	Alert Level	AC Type	Problem
3/7/18	I	Cirrus	Flat Tire
3/9/18	I	DA20	Flat Tire










UPDATE ITEM C

DATE: April 26, 2018
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Manager
BY: Diana McDowell, Administrative Assistant II
SUBJECT: Arrearages

Rent

KC FXE Aviation Investments, LLC (Parcel 8AB) – March 2018

Fuel Flowage

KC FXE Aviation Investments, LLC (Parcel 8AB) – February and March 2018



April 17, 2018

Hurricane Heroes 'ACE' the Test



The City of Fort Lauderdale recognized Fort Lauderdale Executive Tower air traffic professionals with the annual Achievements in Community Excellence Award for their support of air traffic programs and, most significantly, their contributions to the airport, city and community before, during and after Hurricane Irma swept over Florida.

The ACE Award ceremony was held Jan. 31 at the airport's Jet Runway Café, where Air Traffic Manager Rich Sack and NATCA Facility Representative Dusty Heaton accepted on behalf of the facility a runway light plaque symbolizing their continual support of flights over Florida and their outstanding coordination with each other and neighboring air traffic facilities during the storm.

City officials, Aviation Advisory Board members, civic leaders and past award recipients congratulated them.

“Leading up to the hurricane, we did a lot of work with airport management and the city,” Sack said. “We were one of the last facilities to close in South Florida and the first to reopen. And we had four controllers volunteer to stay at the facility during the storm’s impact.”

The tower’s daily traffic numbers doubled – to about 1,100 operations – three days before the storm made landfall, on Sept. 10, 2017, delivering heavy rains and winds exceeding 110 miles per hour. Charter jets from around the country flew in and out to evacuate families. It was the largest evacuation in South Florida since Hurricane Andrew struck the peninsula in 1992, and a short staff at the tower managed the increased traffic without any setbacks.

“With the increased traffic numbers, as many people were trying to evacuate South Florida, our tower team continued to come in and do the job that was asked of them with the hurricane getting closer,” Heaton said. “Our controllers handled this situation with the utmost professionalism and dedication to their craft to ensure the safety of the national airspace system during this trying and stressful time. I’m very proud of everything our team accomplished throughout this major event.”

Many charter jets are based at Fort Lauderdale Executive Airport, and almost all of those owners were able to evacuate. The tower also supported medical evacuation flights back and forth to support the Caribbean.

The tower finally closed due to tornado warnings, but the “controller STAY” team remained on site. Sack and Heaton were on call 24 hours a day with Fort Lauderdale’s Emergency Operations Center to coordinate flights on the north side of the city.

Fortunately, the new, hurricane-resistant air traffic facility endured just minor water intrusions and no damage.

Traffic has increased since the hurricane. Fort Lauderdale was upgraded from a Level 6 facility to a Level 7 this March. “It’s been a very busy season,” Sack said. “Traffic has been high for all of South Florida.”

Top photos: NATCA Facility Representative Dusty Heaton, Air Traffic Manager Richard Sack and Airport Manager Rufus James; an aerial view of Fort Lauderdale Executive Airport; the awards table; and a picture of the event's reception at Jet Cafe.



Fort Lauderdale Executive Airport

Master Plan Update

Aviation Advisory Board Briefing #2

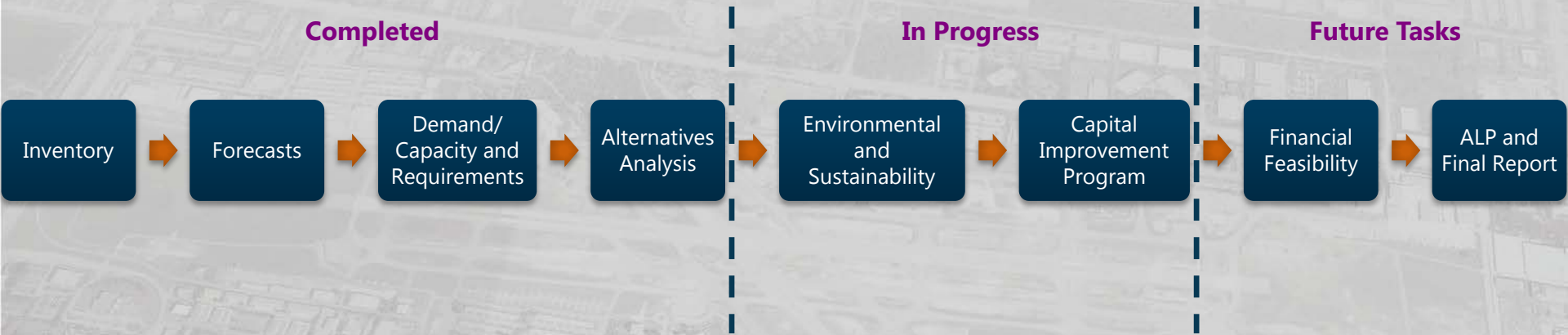
City Project No.: 12070

FDOT FIN Project No.: 431012-1-94-01

Agenda

- Project Status Update
- Facility Requirements and Needs
- Proposed Airfield Improvements
 - Design Aircraft
 - Key Airfield Projects
- Proposed Airport Development Plan
 - Areas Available for Development
 - Overall Development Plan
 - General Aviation Facilities
 - Support Facilities
- Next Steps

Project Status Update



- Outreach and Public Participation:
 - Technical Advisory Committee (TAG): 3 Meetings Completed
 - July 20, 2017
 - November 14, 2017
 - March 13, 2018
 - Public Meeting (Open House Format): May/June 2018

Facility Requirements and Needs

- **Airfield:**

- Relocation of the eastern portion of Taxiway F, per the 2009 FXE ALP (planned in 2020)
- Extend Runway 9-27 by 1,000 feet
- Widen and extend Runway 13-31 RSA and ROFA
- Grade Runway 13-31 RSA as needed
- Airfield signage improvements
- Airfield geometry improvements for compliance with FAA AC 150/5300-13A, Airport Design, Change 1

- **Fixed Base Operators and General Aviation:**

- 60 acres of additional FBO/GA development

- **Airport Support:**

- Airfield Equipment Service (AES) Building expansion (planned)
- Airport Administration Building expansion (planned)

Proposed Airfield Improvements

Runway 9-27 Critical Aircraft

The **critical aircraft** is the most demanding aircraft type, or grouping of aircraft with similar characteristics, that make regular use of the airport (500 annual operations), including both itinerant and local operations but excluding touch-and-go operations. An operation is either a takeoff or landing.

AIRCRAFT TYPE	2016 ANNUAL OPERATIONS*	AIRCRAFT APPROACH CATEGORY (AAC)	AIRPLANE DESIGN GROUP (ADG)	TAXIWAY DESIGN GROUP (TDG)
Gulfstream V (500)	494	C	III	2
Boeing Business Jet	66	C/D	III	3
Airbus Corporate Jet	64	C	III	3
Bombardier Global Express	59	C	III	2
Embraer 170/190	43	C	III	3
Total	726			

* Annual operations recorded in ANOMS total 127,110 operations, compared to 158,306 actual aircraft operations for 2016. As a result, actual counts by aircraft types are anticipated to be higher.

Sources: Fort Lauderdale Executive Airport, *Airport Noise and Operations Monitoring System (ANOMS) Database*, December 1, 2015 – November 30, 2016; Federal Aviation Administration, *Aircraft Characteristics Database*, https://www.faa.gov/airports/engineering/aircraft_char_database/, accessed October 19, 2017; Ricondo & Associates, Inc., *October 2017*.



Proposed Airfield Improvements

Runway 13-31 Critical Aircraft

AIRCRAFT TYPE	2016 ANNUAL OPERATIONS*	AIRCRAFT APPROACH CATEGORY (AAC)	AIRPLANE DESIGN GROUP (ADG)	TAXIWAY DESIGN GROUP (TDG)
Cessna 208	359	B	II	1A
Pilatus PC 12	71	A	II	1A
Beechcraft King Air Series	59	B	II	2
Saab 340	21	B	II	N/A
Total	510			

* Annual operations recorded in ANOMS total 127,110 operations, compared to 158,306 actual aircraft operations for 2016. As a result, actual counts by aircraft types are anticipated to be higher.

Sources: Fort Lauderdale Executive Airport, *Airport Noise and Operations Monitoring System (ANOMS) Database*, December 1, 2015 – November 30, 2016; Federal Aviation Administration, *Aircraft Characteristics Database*, https://www.faa.gov/airports/engineering/aircraft_char_database/, accessed October 19, 2017; Ricondo & Associates, Inc., October 2017.



Runway 13-31



B-II Runway

Proposed Airfield Improvements

Key Airfield Projects

- Runway Length:

Runway 9/27

6,002'



7,002'

(landing threshold remains in place)

Runway 13/31

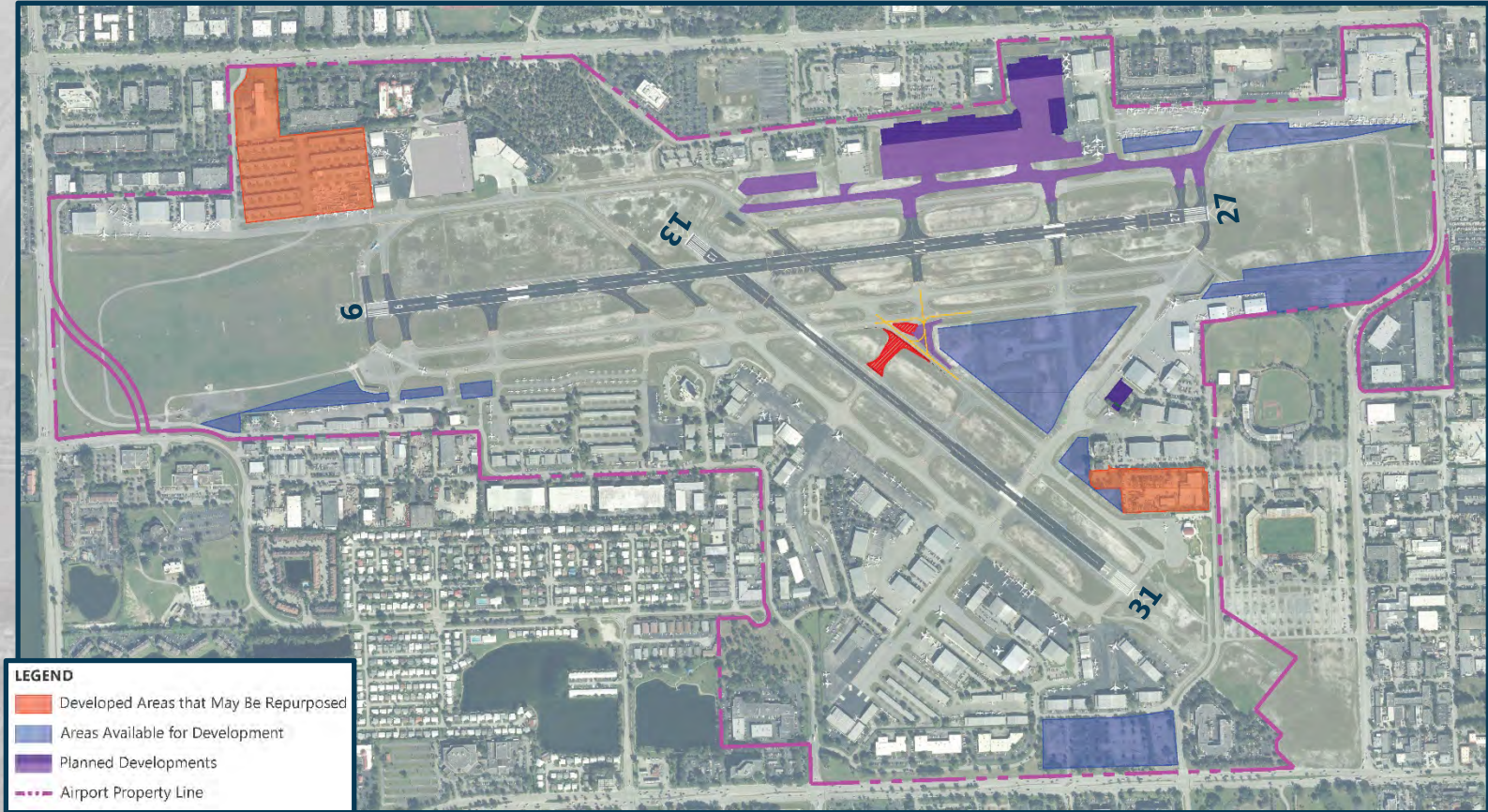
4,000' - No Change

- Taxiway System:

- Improvements to meet the current Federal Aviation Administration (FAA) design standards and provide access to new airfield facilities
- Run-up area improvements
- Rename taxiways as part of overall airfield signage plan upgrade

Proposed Airport Development Plan

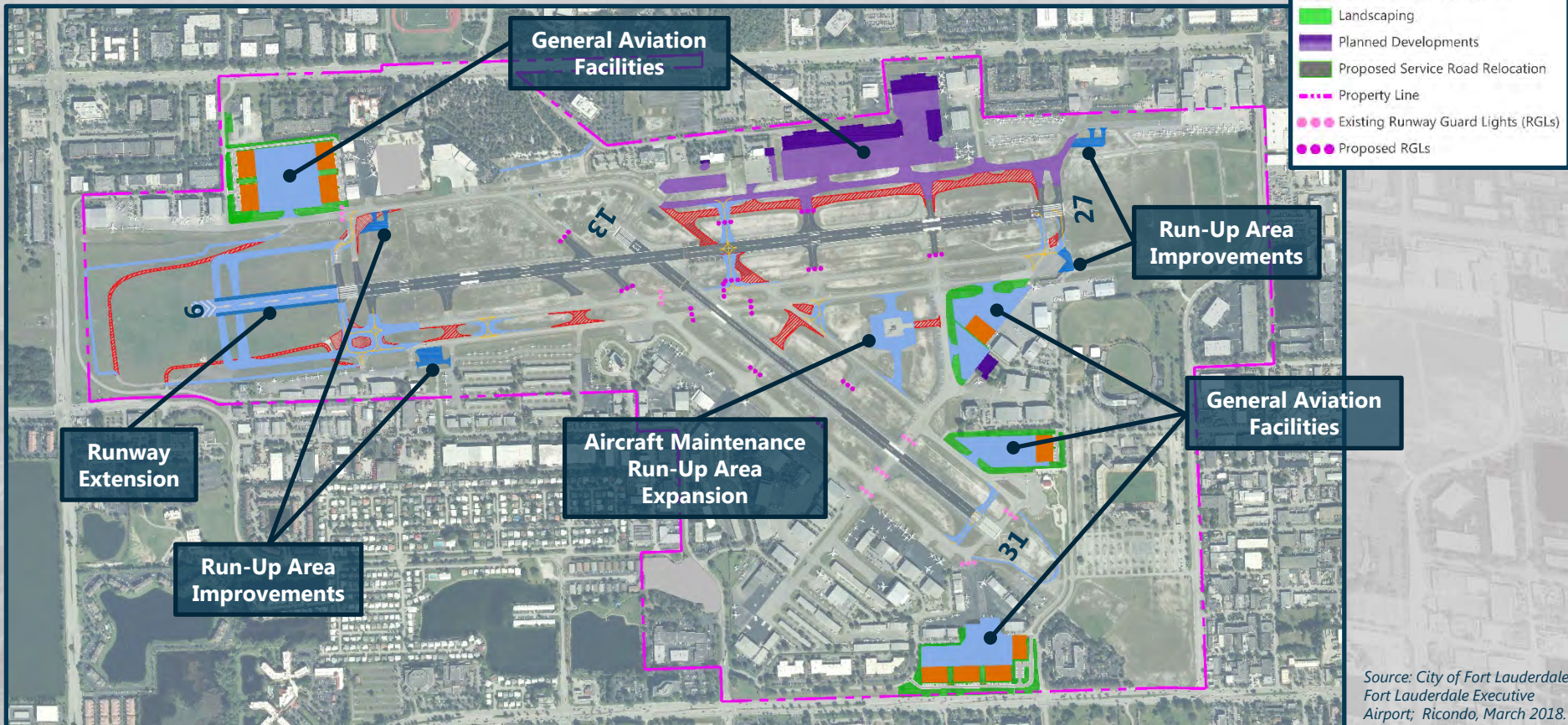
Areas Available for Development



Source: City of Fort Lauderdale, Fort Lauderdale Executive Airport; Ricondo, October 2017.

Proposed Airport Development Plan

Overall Development Plan (As reviewed and approved by the Technical Advisory Group)



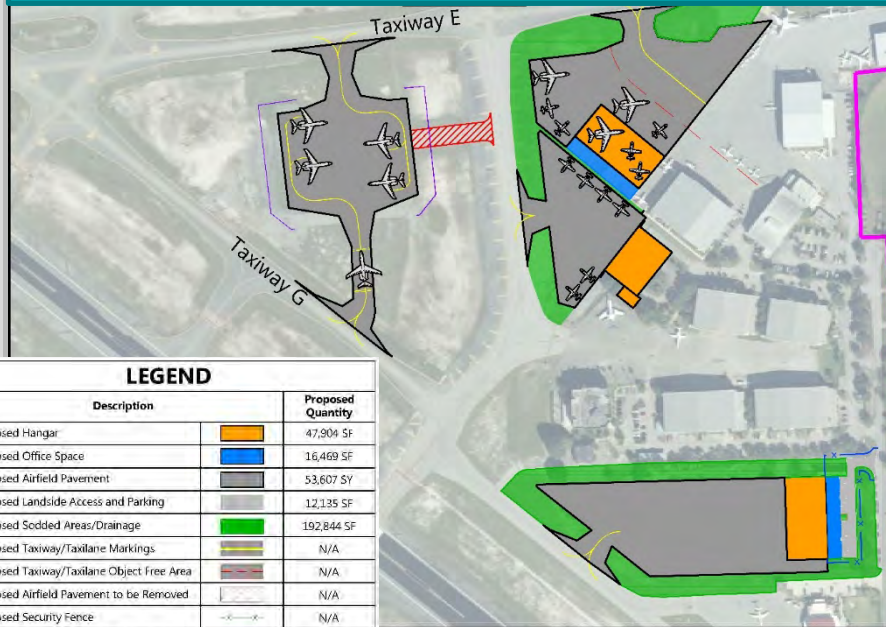
Source: City of Fort Lauderdale, Fort Lauderdale Executive Airport; Ricondo, March 2018.

Proposed Airport Development Plan

General Aviation Facilities

LEGEND		
Description		Proposed Quantity
Proposed Hangar		92,600 SF
Proposed Office Space		17,200 SF
Proposed Airfield Pavement		21,764 SY
Proposed Landside Access and Parking		66,867 SF
Proposed Sodded Areas/Drainage		141,756 SF
Proposed Taxiway/Taxilane Markings		N/A
Proposed Taxiway/Taxilane Object Free Area		N/A
Proposed Security Fence		N/A
Existing Airport Property Boundary		N/A
Gulfstream V (ADG-III)		N/A
Falcon 9X (ADG-III)		N/A
Citation Jet (ADG-II)		N/A

Midfield Area



LEGEND

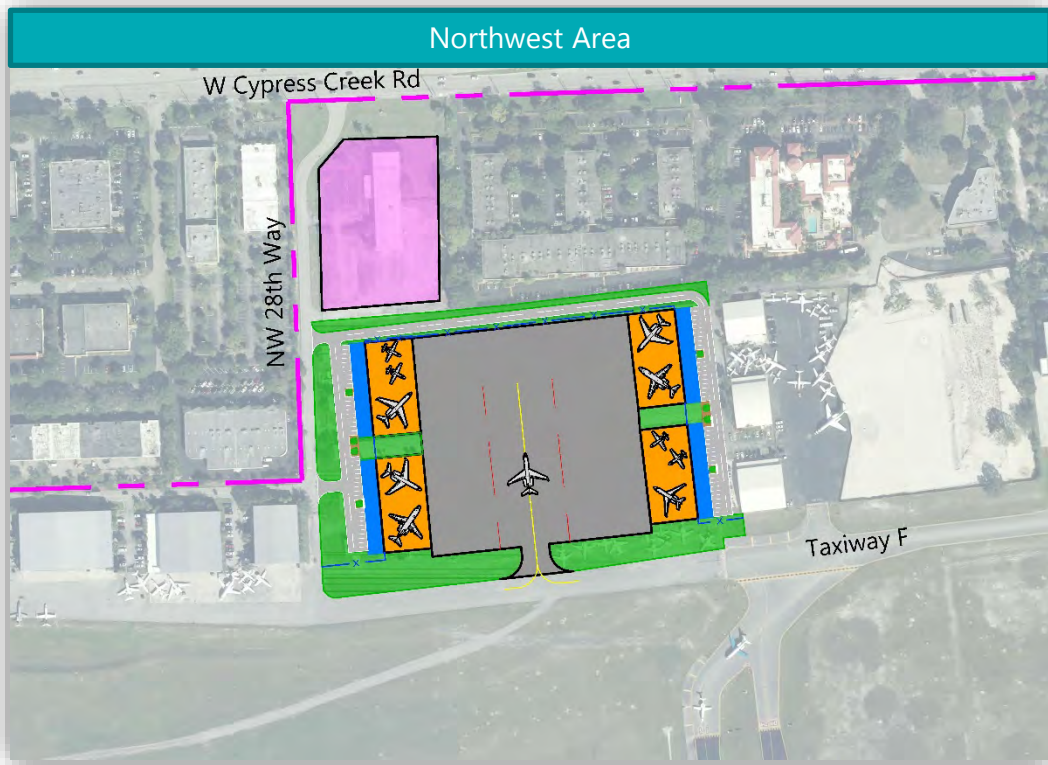
Description		Proposed Quantity
Proposed Hangar		47,904 SF
Proposed Office Space		16,469 SF
Proposed Airfield Pavement		53,607 SY
Proposed Landside Access and Parking		12,135 SF
Proposed Sodded Areas/Drainage		192,844 SF
Proposed Taxiway/Taxilane Markings		N/A
Proposed Taxiway/Taxilane Object Free Area		N/A
Proposed Airfield Pavement to be Removed		N/A
Proposed Security Fence		N/A
Proposed Prop. Wash Wall/Jet Blast Fence		N/A
Existing Airport Property Boundary		N/A
Gulfstream V (ADG-III)		N/A
Falcon 9X (ADG-III)		N/A
Citation Jet (ADG-II)		N/A

Southeast Area



Proposed Airport Development Plan

General Aviation Facilities



LEGEND		
Description		Proposed Quantity
Proposed Hangar		96,800 SF
Proposed Office Space		32,987 SF
Proposed Airfield Pavement		29,398 SY
Proposed Landside Access and Parking		64,224 SF
Proposed Sodded Areas/Drainage		127,746 SF
Proposed Non-Aeronautical Development		105,184 SF
Proposed Taxiway/Taxilane Markings		N/A
Proposed Taxiway/Taxilane Object Free Area		N/A
Proposed Security Fence		N/A
Existing Airport Property Boundary		N/A
Gulfstream V (ADG-III)		N/A
Falcon 9X (ADG-III)		N/A
Citation Jet (ADG-II)		N/A

Proposed Airport Development Plan

Support Facilities



Next Steps

- Complete Financial Analysis (May/June 2018)
 - Develop of Rough Order of Magnitude Cost Estimates
 - Identify Project Funding Sources
 - Establish Project Sequencing
- Conduct Public Meeting (May/June 2018)
- Complete Master Plan Update Final Documentation (Summer 2018)
 - Final Airport Master Plan Report
 - Executive Summary
 - Airport Layout Plan (ALP) Drawing Set

ADDITIONAL SLIDES



Environmental Review Requirements

Project	Study Requirements ^{1/}
Automobile Parking Lot Construction	Potentially, eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.4.h, unless it would result in a significant noise increase in noise sensitive areas or result in significant impacts on air quality or potential impacts to wetlands, floodplains and surface waters.
Taxiway Pavement Rehabilitation	Potentially eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.4.e
Taxiway Shift (demo old/build new)	Potentially eligible for a CATEX per FAA Order 1050.1F Paragraph Reference 5-6.4e unless it would result in significant noise increase in noise sensitive areas or result in significant impacts on air quality.
Runway Run-Up Area Relocation	Potentially eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.4.e
Runway Guard Lights Installation/Removal (Airfield-Wide)	Potentially eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.3.b
Run-Up Area Expansion	Potentially eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.4.e
New Taxiway Construction	Potentially eligible for a CATEX per FAA Order 1050.1F Paragraph Reference 5-6.4e unless it would result in significant noise increase in noise sensitive areas or result in significant impacts on air quality.
Taxiway Signage Replacement	Potentially eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.4.f
Runway Sealing	Potentially eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.4.e
Taxiway Realignment	Potentially eligible for a CATEX per FAA Order 1050.1F Paragraph Reference 5-6.4e unless it would result in significant noise increase in noise sensitive areas or result in significant impacts on air quality.
Runway Extension	Potentially eligible for a CATEX per FAA Order 1050.1F Paragraph Reference 5-6.4e unless it would result in significant noise increase in noise sensitive areas or result in significant impacts on air quality.
Runway Pavement Rehabilitation	Potentially eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.4.e
Acquire property inside RPZ	Potentially eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.4.bb
Runway Shoulder Pavement Removal	Potentially eligible for a CATEX, per FAA Order 1050.1F Paragraph Reference 5-6.4.e

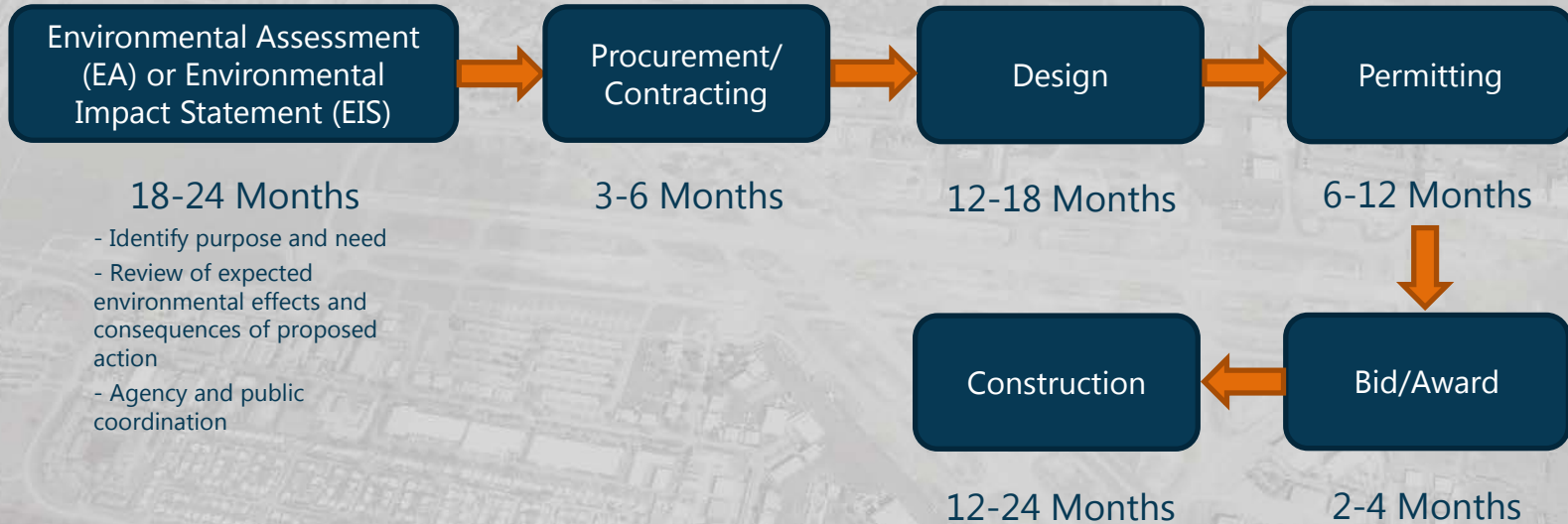
NOTES:

1/ The cited paragraphs in FAA Order 1050.1F relate to the following:

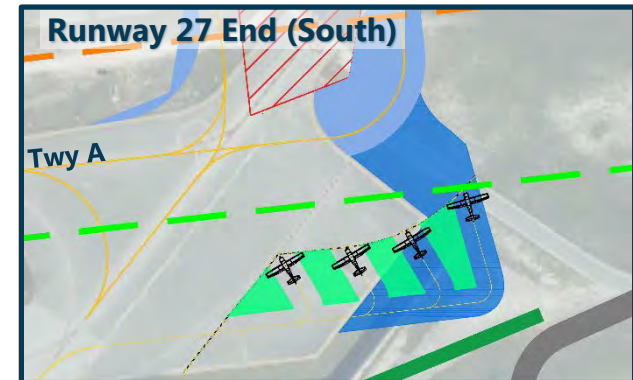
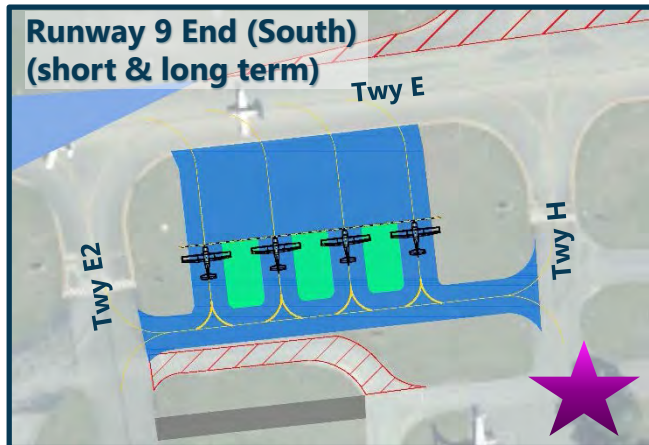
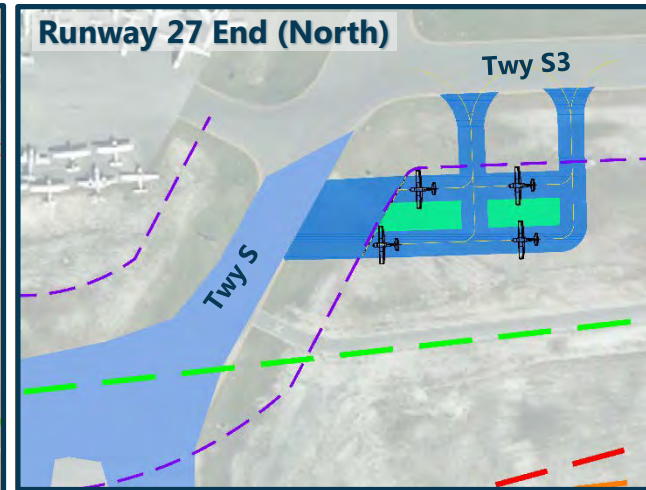
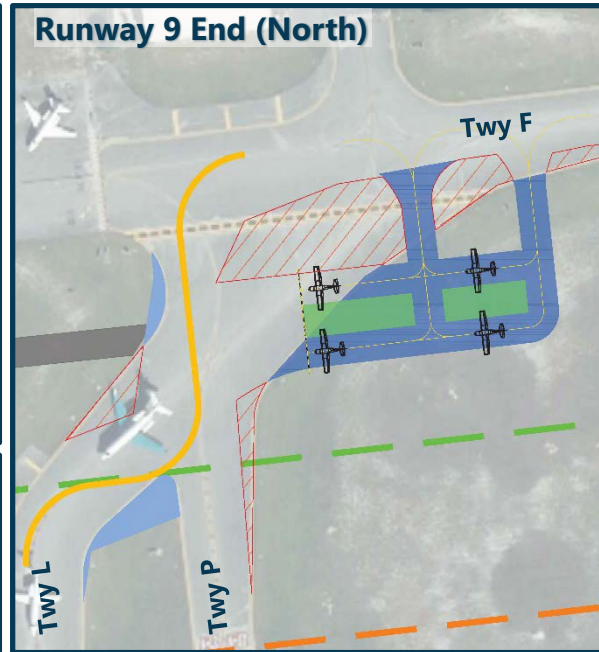
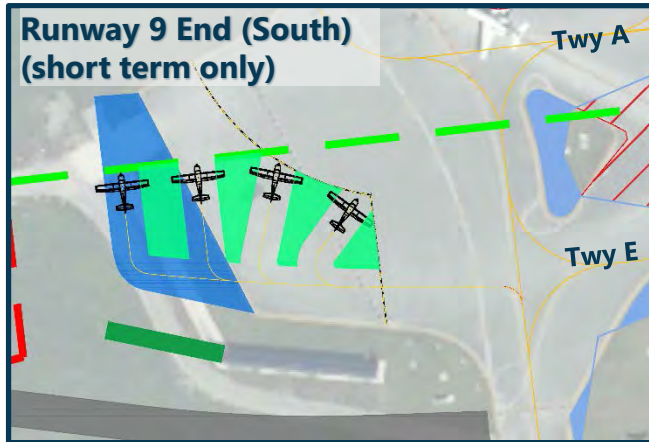
- 5-6.3.b Establishment, installation, upgrade, or relocation of any of the following: airfield or approach lighting systems, visual approach aids, beacons, and electrical distribution systems, and other related facilities.
- 5-6.4.e Construction, repair, reconstruction, resurfacing, extending, strengthening, or widening that would not result in significant erosion or sedimentation, would not result in a significant noise increase over noise sensitive areas, or would not result in significant air quality impacts.
- 5-6.4.f Construction or limited expansion of accessory onsite structures, such as storage buildings, garages, hangars, small parking areas, signs, fences, and other essentially similar minor development items.
- 5-6.4.h Construction or expansion of facilities that would not substantially expand those facilities, including terminal passenger handling and parking facilities or cargo buildings.
- 5-6.4.bb Actions related to a fee-simple purchase of land or the purchase of an avigation easement to establish a runway protection zone (RPZ) or for other aeronautical purposes provided there is no land disturbance and does not require extensive business or residential relocations.

Runway Extension Project










Process Timeline



Proposed Run-Up Area Improvements



Northwest Area Conceptual Layout

LEGEND		
Description		Proposed Quantity
Proposed Hangar		72,600 SF
Proposed Office Space		24,741 SF
Proposed Airfield Pavement		49,046 SY
Proposed Landside Access and Parking		41,179 SF
Proposed Sodded Areas/Drainage		166,293 SF
Proposed Taxiway/Taxilane Markings		N/A
Proposed Taxiway/Taxilane Object Free Area		N/A
Proposed Security Fence		N/A
Existing Airport Property Boundary		N/A
Gulfstream V (ADG-III)		N/A
Falcon 9X (ADG-III)		N/A
Citation Jet (ADG-II)		N/A

