



CITY OF FORT LAUDERDALE

DRAFT

**AVIATION ADVISORY BOARD MEETING MINUTES
FORT LAUDERDALE EXECUTIVE AIRPORT
RED TAILS CONFERENCE ROOM
6000 NW 21 AVENUE, FORT LAUDERDALE, FLORIDA
THURSDAY, JUNE 22, 2023 – 1:30 P.M.**

	Attendance	Cumulative Attendance 7/2022 - 6/2023	
		Present	Absent
Board Members			
Mark Volchek, Chair	P	7	1
William Gilbert, Vice Chair	P	8	0
David Ash	P	7	1
Jeff Johnson	A	6	2
Dr. Ed Kwoka	P	5	3
Robert Laughlin	P	7	1
Kevin Macelhaney	P	6	2
Valerie Vitale	P	7	1
John Vratsinas	P	7	1
Non-Voting			
Commissioner Marlon Bolton	P	6	2
Jeff Helyer, City of Oakland Park	P	7	1

Airport/City Staff

Rufus James, Airport Director
Carlton Harrison, Assistant Airport Director
Ryan Frost, Airport Operations Supervisor
Angelia Basto, Senior Financial Administrator
Krystal Permanan, Airport Business Development Administrator
Linda Blanco, Senior Administrative Assistant
Tavonne Garnett, Airport Intern
Isaiah Dorvilne, Airport Intern

Others:

Ignacio Martinez, W Aviation

CALL TO ORDER

Chair Volchek called the meeting to order at 1:30 PM.

ROLL CALL

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

APPROVAL OF MINUTES

• **April 27, 2023**

Motion made by Mr. Gilbert, seconded by Mr. Macelhaney, to approve the minutes of the April 27, 2023 meeting as presented. Motion passed unanimously.

VOTING ITEMS

None

UPDATE ITEMS

A. Noise Compatibility Program

Ms. Permanan explained they had transitioned from a server-based system to a cloud-based system with a simplified version of ANOMS. This makes noise tracking and reporting more intuitive and efficient. Mr. James informed Dr. Kwoka that since 2016, when Stage 2 aircraft were banned by the FAA, there had been a significant drop in noise complaint calls. Before the Stage 2 aircraft were banned, the decibel levels were between 70 and 90, but today the levels are typically 50 to 65 decibels, with the occasional G3 generating decibel levels in the 70's. Seasonally, there were a lot of westerly departures, so residents in The Lofts were now calling with complaints. Mr. James said they would perform additional pilot and flight school outreach regarding proper westerly departures.

Mr. James said the runway extension would benefit easterly departures. The consultant had determined the western portion of the airport would be more suitable for an extension. He noted that 90% of aircraft depart to the east.

Ms. Permanan reported that in April and May, five households made complaints each month. She noted that sometimes there was more than one call from one household for the same event.

B. Development and Construction

Mr. Frost reported the Taxiway Intersection Improvement Project was 100% complete and showed a video of the project. Operations statistics were provided in the Board's packet. Mr. Frost said April and May were trending positively, with customs numbers very high.

Mr. Laughlin asked how the project compared with their original estimates for time and budget. Mr. James said the project had been completed under budget, and even though there was a delay due to the owl nesting season, it was completed on time.

Mr. James said the Taxiway Intersection Improvement Project was helping to reduce runway incursions because Taxiway Hotel no longer had direct access from the ramp to the runway.

C. Arrearages

There were currently no rent or fuel flowage arrearages.

D. Communication to the City Commission

None

E. Other Items

I. 2024 Budget Overview

Mr. Harrison provided a presentation on the 2024 preliminary budget.

Mr. Macelhaney asked about unleaded fuel and Mr. Harrison said the fuel was still in the testing phase and the goal was to have it in airports by 2030. Once unleaded is available, the 100-octaine low-lead fuel would be gone. It would be the responsibility of the FBOs to make the changes.

Dr. Kwoka asked about the Airport's ranking for runway incursions and Mr. Harrison stated they were still part of Special Focus but were no longer in the top ten. He stated many of their projects were in response to the FAA's requirements to mitigate runway incursions.

Mr. Harrison confirmed they experienced fewer light outages since switching to LED.

Dr. Kwoka said he was recently at Philadelphia Northeast Airport (PNE), which was comparable in size to FXE, and remarked that compared to FXE, PNE looked like a slum. He thanked staff for running a top-notch airport. Mr. James said this was not just due to Airport staff but to the tenants as well.

II. Runway 9-27 Extension Environmental Assessment Update

Mr. Harrison provided a presentation on the Environmental Assessment. Dr. Kwoka asked why they were looking to extend the runway by 1,000 feet since the Airport was completely built out. He asked if FXE was trying to compete with the international airports. Mr. Harrison stated their biggest problem was that G-550's and G-650's could not take on as much gas as they needed because of the limited takeoff length.

Mr. Harrison informed Mr. Laughlin that displaced threshold was full strength pavement that you cannot land a plane on but you can come to a stop on it.

Mr. Vratsinas asked if they were now in compliance with the audit that was done earlier this year. Mr. James stated that they reported the corrective measures to the City Commission. Implementation of a leasing policy was one of the audit findings and they provided a policy that is now being reviewed by the City Attorney's Office.

Mr. James introduced FXE's summer college intern Tavonne Garnett from Broward College and summer high school intern Isaiah Dorvilne.

Mr. James recalled that last year, mandatory work on Parcels 8G and 8AB had not been completed as required and as a result, the leases had been terminated. He said discussions were still ongoing and he contacted the City Attorney's office but there had been no response yet. A ribbon cutting ceremony was planned for completion of the W Aviation terminal building on Parcel 8G.

III. Public Comments

Ignacio Martinez, W Aviation, said they were excited to have completed the renovation project for the terminal on Parcel 8G. He said the new terminal would offer many amenities for pilots and tenants and he invited Board members to attend the grand opening on June 27 at 5:30 PM.

ADJOURNMENT

There being no further business to come before the Board at this time, the meeting was adjourned at 2:32 PM.

NEXT SCHEDULED MEETING DATE: Thursday, July 27, 2023 at 1:30 PM.

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

VOTING ITEM 1

DATE: August 24, 2023
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director 
BY: Khant Myat, Project Manager II
SUBJECT: Airport Improvement Program Grant with the Federal Aviation Administration for Runway 9-27 Pavement Rehabilitation - \$511,874

The Runway 9-27 Pavement Rehabilitation project is required as part of the Airport's approved Airport Layout Plan (ALP) to improve the current pavement condition of Runway 9-27 and taxiway intersections. Runway 9-27 is currently in poor condition with an area weighted Pavement Condition Index (PCI) value of 50 per Florida Department of Transportation (FDOT) Airport Pavement Evaluation Report of Fort Lauderdale Executive Airport (FXE).

The 2023 FDOT Pavement Evaluation Report recommended Runway 9-27 be milled and overlaid with P-401 asphalt and full-depth reconstruction in some areas. The existing asphalt on Runway 9-27 was rehabilitated in 2004. The approximate total area for pavement rehabilitation is approximately 650,000 square feet. The project is programmed within the Airport's current ALP and will strengthen the pavement condition of Runway 9-27.

Design for the pavement rehabilitation of Runway 9-27 would include, but is not limited to, the design of civil and electrical plans, conducting geotechnical study, providing survey and environmental services. The scope also includes permitting and grant coordination efforts.

The FAA has agreed to provide grant funding in the amount of \$511,874 for reimbursement of eligible design costs for this project. The Florida Department of Transportation provided a grant in the amount of \$25,000 for the projected costs and the Airport will provide the remaining balance in the amount of \$41,058, which is available in the project balance.

Staff Recommendation

Staff recommends approving the grant with the Federal Aviation Administration for the design of Runway 9-27 pavement rehabilitation in the amount of \$511,874.

**VOTING ITEM 1
EXHIBIT 1**



VOTING ITEM 2

DATE: August 24, 2023
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director 
BY: Khant Myat, Project Manager II/Airport Engineer
SUBJECT: Amendment to Public Transportation Grant Agreement with the Florida Department of Transportation for the Replacement of the Aircraft Rescue and Fire Fighting Vehicle

The Board may recall that the Fort Lauderdale Executive Airport (FXE) owns an Oshkosh T-1500 Aircraft Rescue and Fire Fighting (ARFF) vehicle. This vehicle is operated by Fort Lauderdale Fire Rescue personnel with an inter-fund transfer from the Airport fund to the Fire budget to cover these costs (Exhibit 1).

The current vehicle was built in 2006 and delivered to the Airport and put in service in 2007 with an estimated life cycle of 12 years. The Airport purchased the vehicle for \$680,000 with the assistance of the Florida Department of Transportation (FDOT) through a Joint Participation Agreement (JPA) for 50% of the acquisition cost.

Although the Executive Airport is not required to have ARFF service on the field because we have no scheduled airline service, we believe that it is a benefit to the users of the Airport; and above all else, we would like to maintain this service at FXE in the interest of safety.

The estimated replacement cost of the vehicle is \$1,200,000. FDOT provided a Public Transportation Grant Agreement (PTGA) in the amount of \$425,000 to assist with the purchase. The acceptance of the grant and associated Airport grant match of \$425,000 was approved by the Board at the January 26, 2023 Aviation Advisory Board meeting, and the City Commission approved the grant award on February 7, 2023.

With the availability of additional grant funds, FDOT has provided an amendment to the PTGA in the amount of \$175,000, which brings the total grant contribution to \$600,000. The grant match of \$175,000 is available in the Airport Fund.

Staff Recommendation

Staff recommends that the amendment to PTGA be approved for the City to accept up to \$175,000 from the FDOT for a portion of the cost to acquire a new Airport Rescue Fire Fighting vehicle.

**VOTING ITEM 2
EXHIBIT 1**



Existing FXE Aircraft Rescue and Fire Fighting Vehicle

UPDATE ITEM A

DATE: August 24, 2023
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director
BY: Krystal Permanan, Airport Business Assistance Administrator
SUBJECT: Executive Airport – Noise Compatibility Program

In July 2023, there were a total of 758 jet departures from Runway 9. Among these departures, Noise Monitor #2 registered four aircraft that exceeded our recommended limit of 80 decibels however, these events did not generate any noise reports from the community.

The total number of noise reports in July 2023 amounted to 116, with nine households contributing to the reports. In comparison, there were 18 noise reports and six households reporting in July 2022.

Among the 116 noise reports in the month of July 2023, 82 of the 87 noise inquiries from the northeast quadrant were submitted by a single household. Through outreach with the neighbor who initiated the 82 inquiries, it became apparent there was a misunderstanding regarding the intended purpose of the online aircraft noise reporting form. The neighbor explained that their practice was to submit an inquiry whenever any aircraft flew near their residence, irrespective of the aircraft's origin, noise levels, altitude, or time of day.

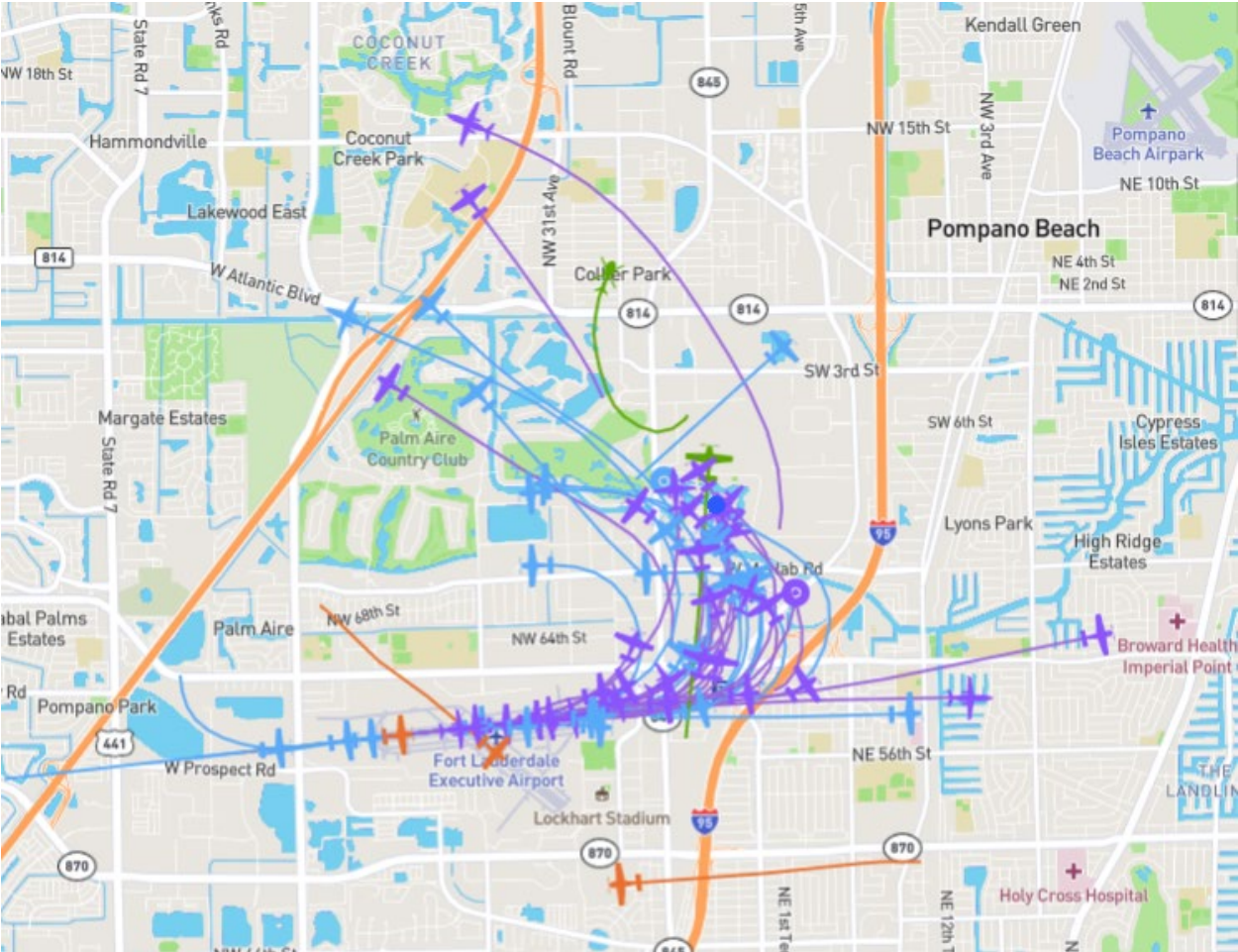
The aircraft activity near their residence can be attributed to Runway 9 northbound departures, and normal traffic pattern operations. Upon research, the Airport Noise Operations Monitoring System (ANOMS) showed that flights over the resident's area ranged from 210 feet to 2,451 feet with an average noise decibel reading of 74dB from the closest noise monitor. Of the 82 inquiries submitted by the single household, 37 were traffic pattern operations, 40 were northwest departures, 3 were arrivals, and 2 were overflights. (Exhibit 1)

Similarly, 25 of the 27 noise inquiries from the southwest quadrant were submitted by a single household. Through outreach with the neighbor who initiated the 25 inquiries, their concerns were primarily related to the frequency of aircraft flying over their home, which can be attributed to normal traffic pattern operations and Runway 9/27 departures (Exhibit 2). ANOMS data showed that flights over the resident's area ranged from 238 feet to 1,063 feet with an average noise decibel reading of 75dB from the closest noise monitor. There was an additional concern of early morning flight training operations before 7:00 a.m. Staff has reached out to flight schools concerning early morning flight training and understand that some training activities have shifted to early morning hours due to the extreme heat and adverse weather in the latter part of the day.

Staff will continue to analyze aircraft operations and respond to resident concerns to ensure the safe, efficient, and neighborly operations to and from the Fort Lauderdale Executive Airport.

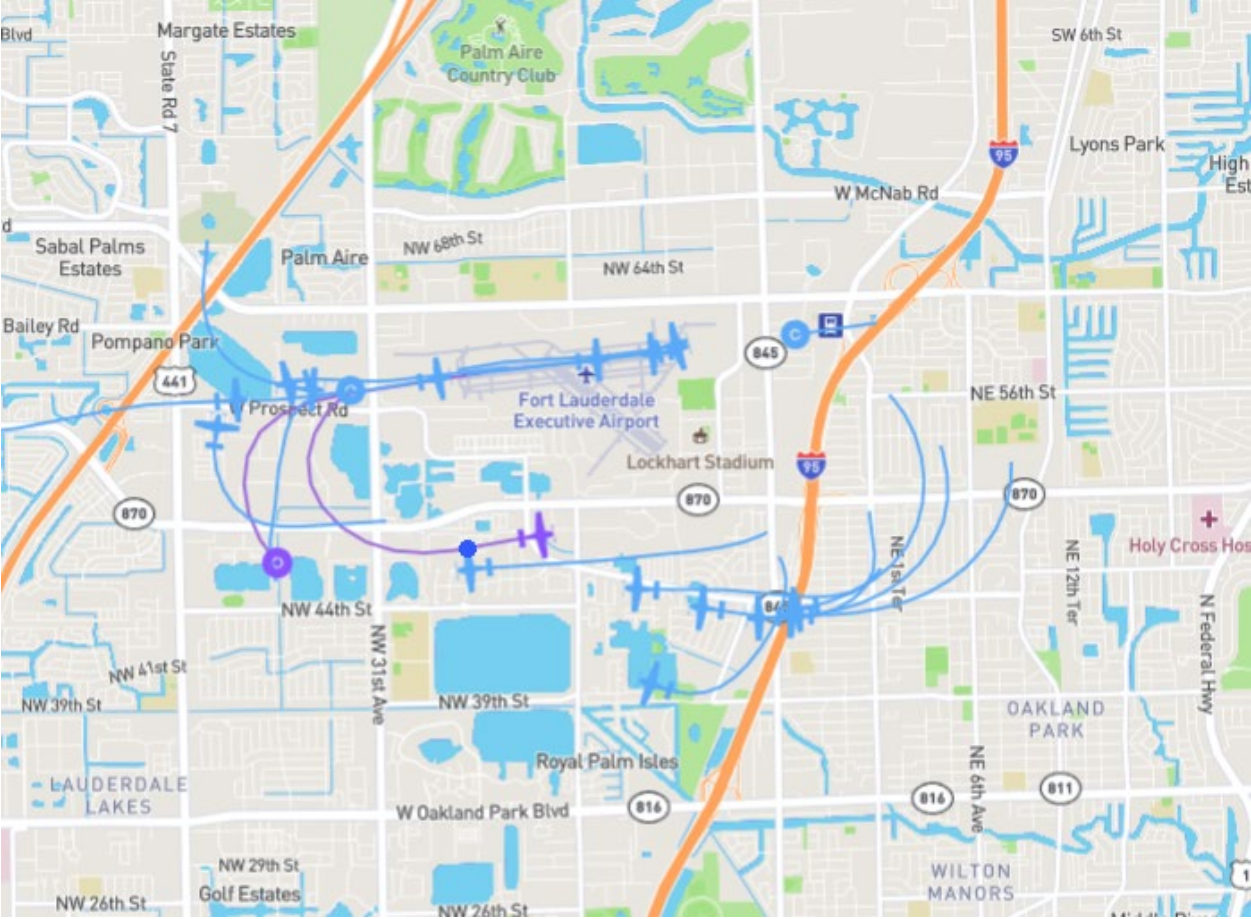
UPDATE ITEM A EXHIBIT 1

Noise Inquiries in the northeast quadrant.



UPDATE ITEM A EXHIBIT 2

Noise Inquiries in the southwest quadrant; traffic pattern operations and southbound departures.





COOPERATIVE NOISE ABATEMENT EFFORT

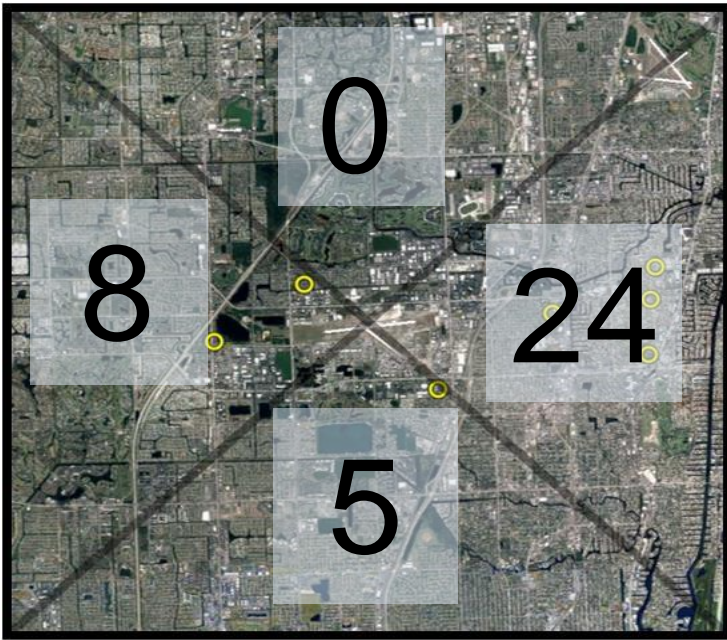
Month of June, 2023

August 24, 2023

Jet Departures and Noise	May-23	Jun-23
Total Departures	1184	985
Runway 27 Jet Departures	215	297
Runway 9 Jet Departures	969	684
Runway 13/31 Jet Departures	0	4
Runway 9 Jet Departures, I-95 Turns	563	379
Runway 9 Jet Departures %, I-95 Turns	58%	55%
Jet over 80dB at Monitor #1	*	*
Jet over 80dB at Monitor #2	4	4

Noise Reports	May-23	Jun-23
Number of Households - FXE Noise Only	5	8
Number of Reports - Jets	3	2
Number of Reports - Propellers Single-Engine	2	32
Number of Reports - Propellers Multi-Engine	1	0
Number of Reports - Helicopters	0	0
Number of Reports - Unmatched	0	0
Number of Reports - Unknown AC Type	0	3
Number of Reports - DT1	0	0
Total Number of Noise Reports for FXE	6	37

Noise Reports By Quadrant



* Note: The equipment for Noise Monitoring Terminal (NMT) # 1 was removed on 12/12/2020 for deconstruction of Broward County's water tank tower. Broward County to reinstall noise monitor upon coordination with Page 17 of 23 and EnviroSuite.



COOPERATIVE NOISE ABATEMENT EFFORT

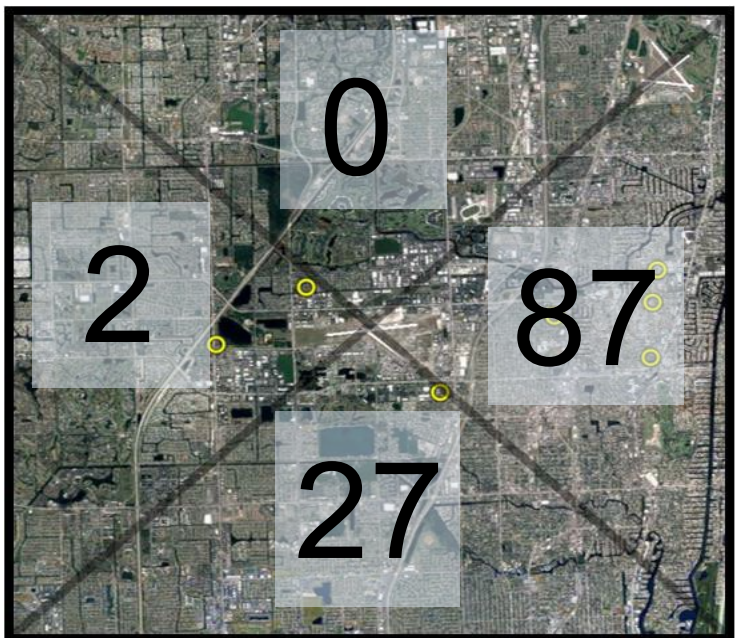
Month of July, 2023

August 24, 2023

Jet Departures and Noise	Jun-23	Jul-23
Total Departures	985	920
Runway 27 Jet Departures	297	156
Runway 9 Jet Departures	684	758
Runway 13/31 Jet Departures	4	6
Runway 9 Jet Departures, I-95 Turns	379	461
Runway 9 Jet Departures %, I-95 Turns	55%	61%
Jet over 80dB at Monitor #1	*	*
Jet over 80dB at Monitor #2	4	4

Noise Reports	Jun-23	Jul-23
Number of Households - FXE Noise Only	8	9
Number of Reports - Jets	2	18
Number of Reports - Propellers Single-Engine	32	81
Number of Reports - Propellers Multi-Engine	0	9
Number of Reports - Helicopters	0	1
Number of Reports - Unmatched	0	2
Number of Reports - Unknown AC Type	3	5
Number of Reports - DT1	0	0
Total Number of Noise Reports for FXE	37	116

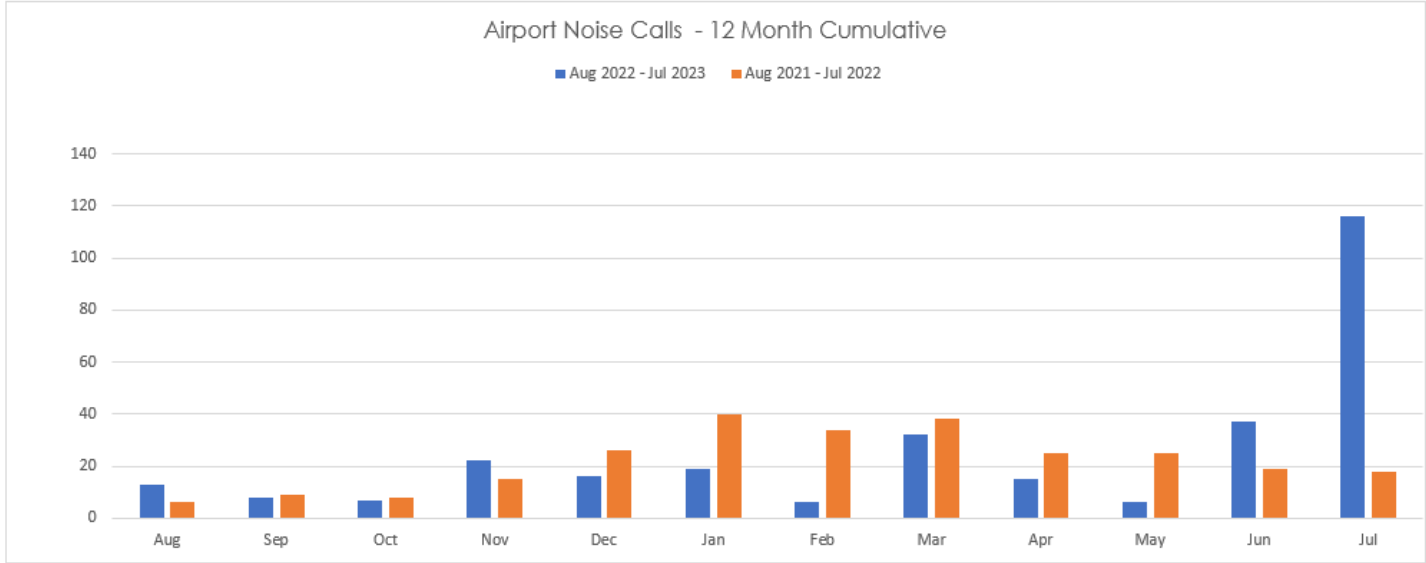
Noise Reports By Quadrant



* Note: The equipment for Noise Monitoring Terminal (NMT) # 1 was removed on 12/12/2020 for deconstruction of Broward County's water tank tower. Broward County to reinstall noise monitor upon completion with FXE, FPL and Envirosuite.

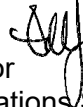
Airport Noise Calls - 12 Month Cumulative

	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Totals
Aug 2022 - Jul 2023	13	8	7	22	16	19	6	32	15	6	37	116	297
Aug 2021 - Jul 2022	6	9	8	15	26	40	34	38	25	25	19	18	263



UPDATE ITEM B

DATE: August 24th, 2023
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director
BY: Benjamin J. Gatti, Airport Operations Specialist
VIA: Ryan D. Frost, Airport Operations Supervisor
SUBJECT: Development and Construction



Airfield Painting and Markings Project

The Airfield Painting and Markings Project began on Monday, June 26th, 2023, with work consisting of water blasting all airfield markings within the scope of the project and applying airfield paint with type 3 glass beads. The goal of the project is to apply approximately 416,000 linear feet of new paint to airfield markings. Work areas include markings for Runways 09/27 and 13/31, chevrons for runway overrun areas, non-movement area boundary markings, surface painted hold position signs, taxiway edge markings, and taxiway centerlines.

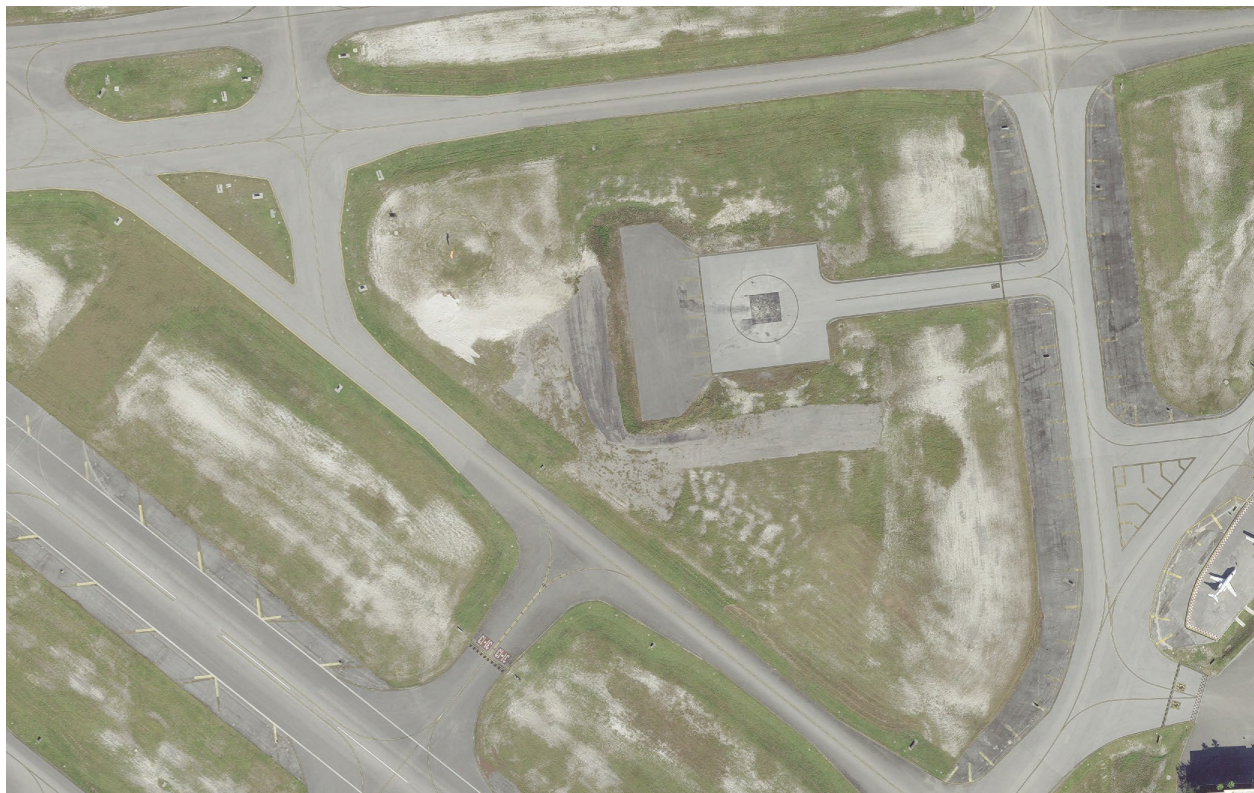
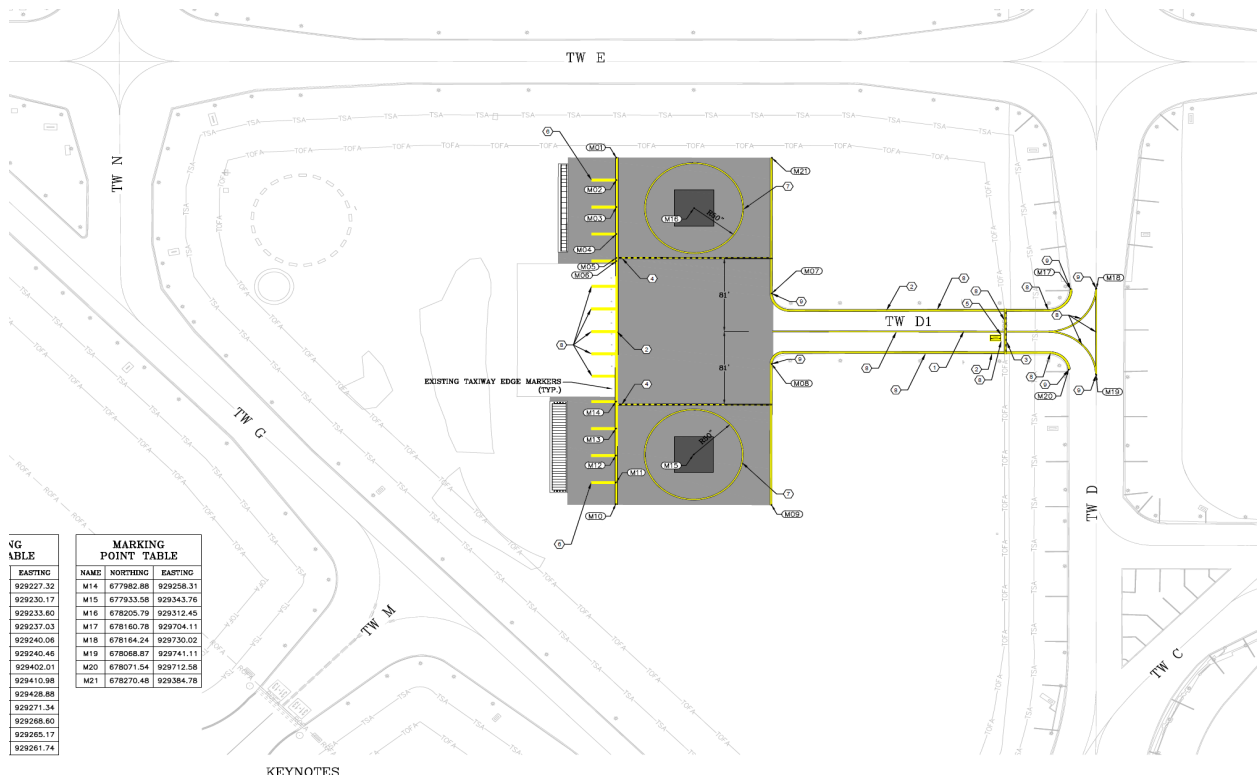
This project will ensure that airfield markings continue to meet Florida Department of Transportation (FDOT) and Federal Aviation Administration (FAA) standards for airfield marking visibility. The total cost of this project is \$459,120.48, with an estimated completion time of 10 weeks.

12474 – FXE Mid-field Run-up Area Project

The Airport Master Plan was approved by the FAA in January of 2019. During the master plan process, Airport stakeholders expressed a strong desire for a larger maintenance run-up area in the midfield of the airport to accommodate additional aircraft. The master plan update recommended the expansion of the midfield run-up area from the existing 54,000 square feet to 89,000 square feet with the addition of jet blast deflectors.

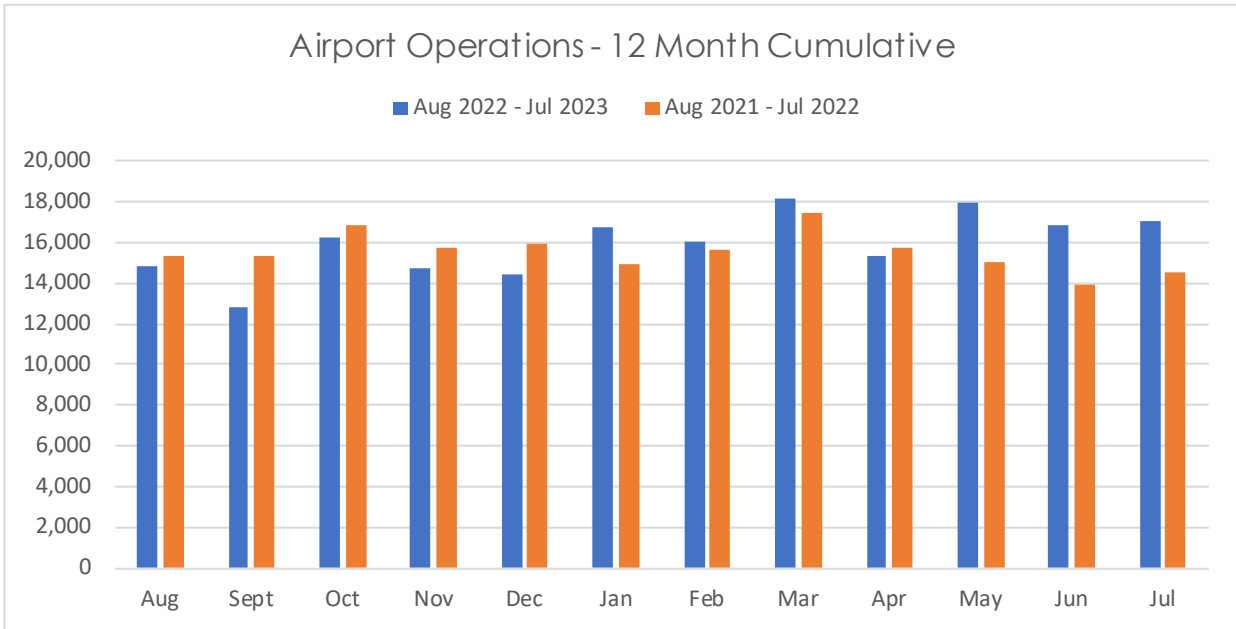
The project is partially funded by a FDOT grant in the amount of \$2,116,400. Project mobilization and Phase 1 construction activities will begin on Tuesday, September 5, 2023. The project duration will be approximately seven months. During construction, the Mid-field Run-up Area will be closed to all operations. An alternate run-up area for jets and large turbo-prop aircraft has been established on Taxiway Echo, between Taxiway November and Taxiway Delta or as designated by Air Traffic Control.

UPDATE ITEM B EXHIBIT 1



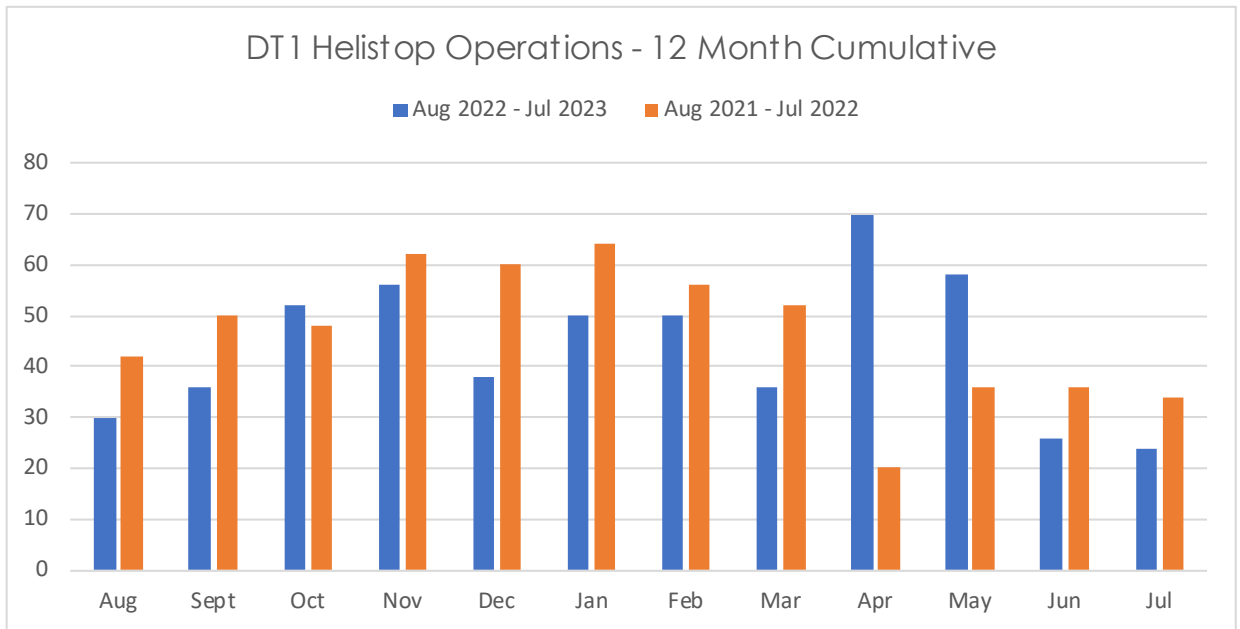
Airport Operations - 12 Month Cumulative

	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Totals
Aug 2022 - Jul 2023	14,870	12,822	16,286	14,738	14,451	16,790	16,037	18,158	15,321	17,980	16,802	17,016	191,271
Aug 2021 - Jul 2022	15,292	15,310	16,806	15,775	15,935	14,980	15,680	17,474	15,760	15,044	13,895	14,505	186,456



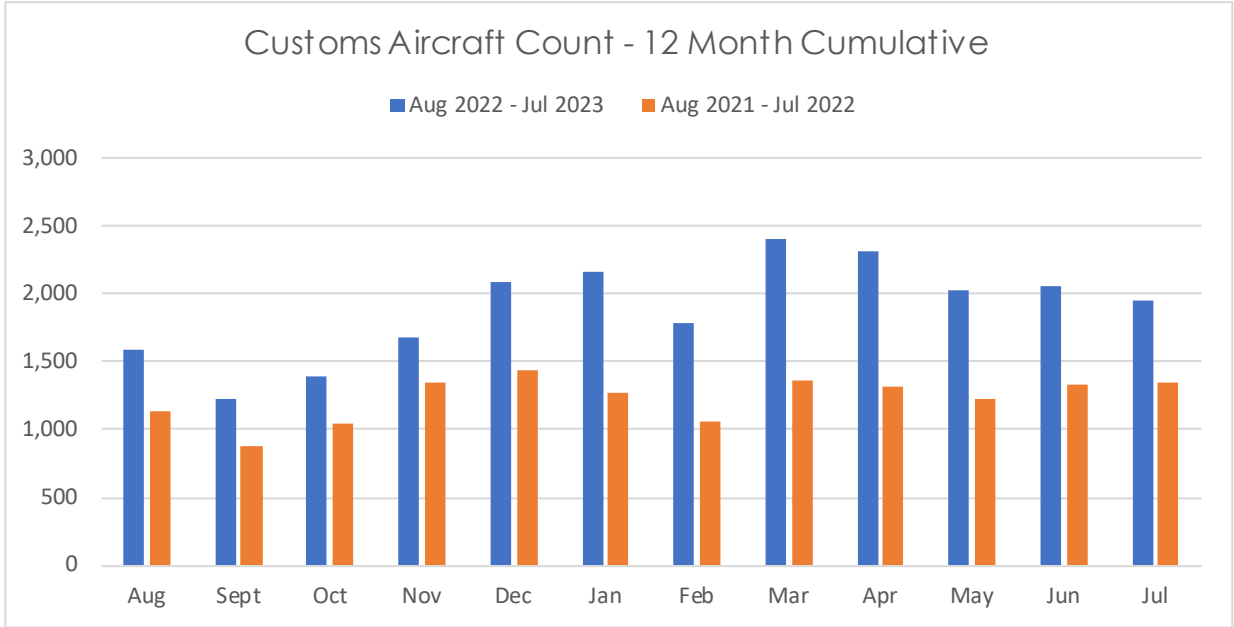
DT1 Helistop Operations - 12 Month Cumulative

	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Totals
Aug 2022 - Jul 2023	30	36	52	56	38	50	50	36	70	58	26	24	526
Aug 2021 - Jul 2022	42	50	48	62	60	64	56	52	20	36	36	34	560



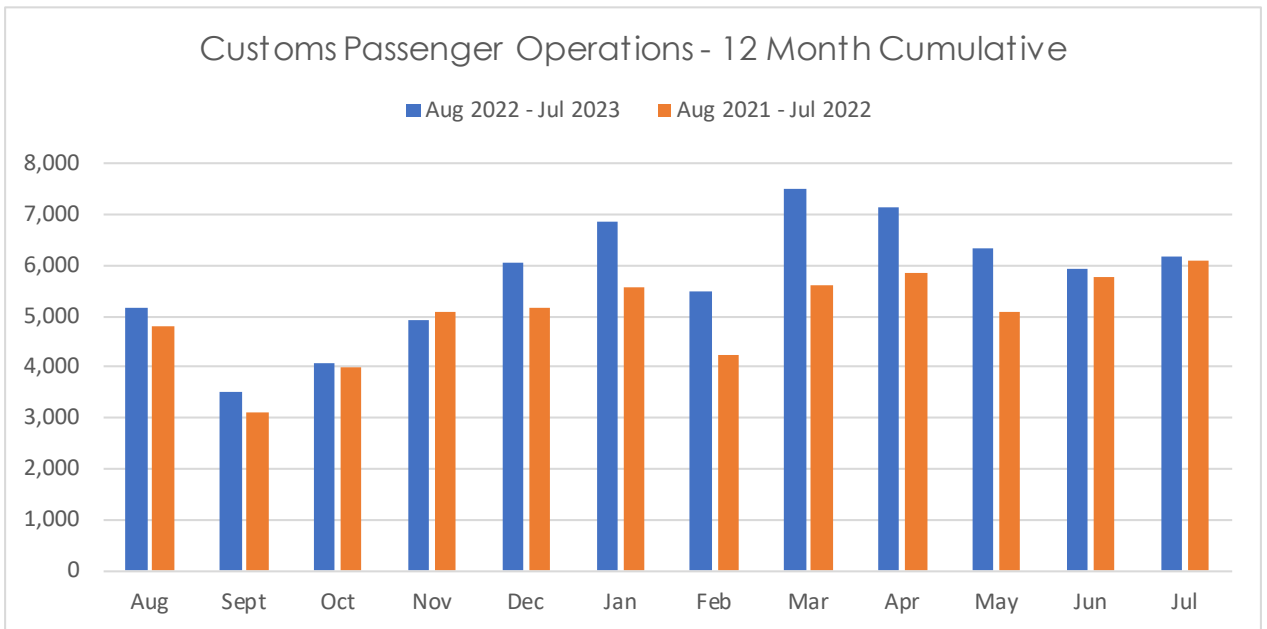
Customs Aircraft Count - 12 Month Cumulative

	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Totals
Aug 2022 - Jul 2023	1,591	1,226	1,391	1,674	2,090	2,162	1,787	2,410	2,316	2,021	2,055	1,951	22,674
Aug 2021 - Jul 2022	1,134	877	1,045	1,344	1,434	1,278	1,053	1,364	1,324	1,223	1,325	1,354	14,755



Customs Passenger Operations - 12 Month Cumulative

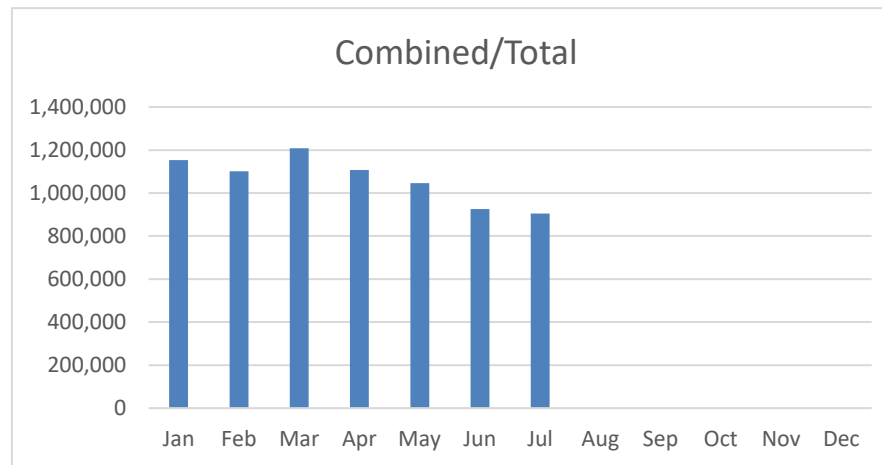
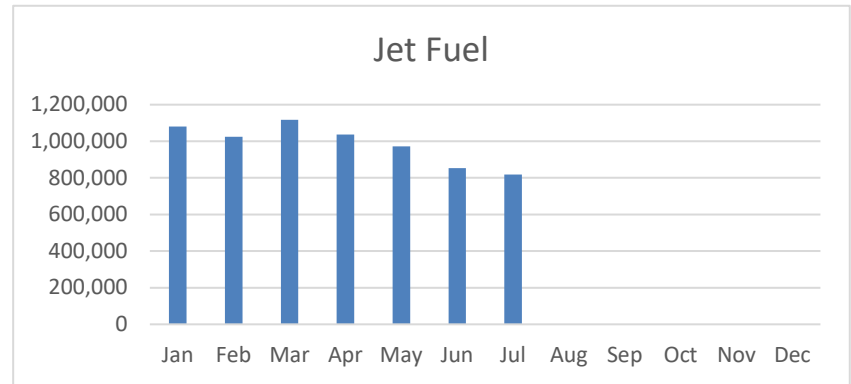
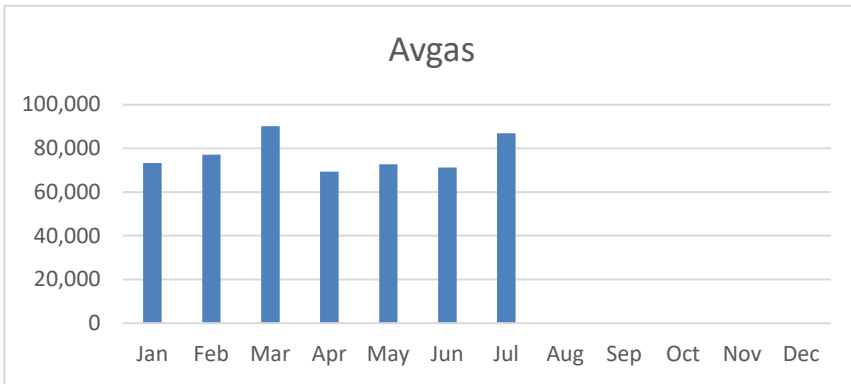
	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Totals
Aug 2022 - Jul 2023	5,167	3,532	4,081	4,945	6,040	6,850	5,498	7,489	7,158	6,338	5,947	6,169	69,214
Aug 2021 - Jul 2022	4,789	3,123	4,007	5,089	5,160	5,560	4,256	5,623	5,856	5,076	5,787	6,115	60,441



Date	Alert Level	Aircraft Type	Description
6/8/2023	II	Piper PA-28 Cherokee	Low Voltage Indicator
6/8/2023	I	Cessna 172 Skyhawk	Brake Failure
6/11/2023	I	Cessna 172 Skyhawk	Flat Nose Gear
Date	Alert Level	Aircraft Type	Description
7/1/2023	I	Piper PA-23 Aztec	Flat Nose Gear
7/7/2023	I	Cessna 172 Skyhawk	Radio Failure
7/11/2023	I	Diamond DA62	Flat Right Main Gear
7/11/2023	I	Cessna 172 Skyhawk	Flat Left Main Gear

2023 Monthly Fuel Flowage (Gallons)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Avgas	73,336	77,070	90,175	69,322	72,673	71,179	86,936						848,557
Jet	1,080,235	1,024,544	1,117,812	1,037,514	972,855	853,810	817,910						12,161,621
Total	1,153,571	1,101,614	1,207,987	1,106,836	1,045,528	924,989	904,846	0	0	0	0	0	7,445,371



UPDATE ITEM C

DATE: August 24, 2023
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director
SUBJECT: 2023 Arrearages



Rent

There are no arrearages to report.

Fuel Flowage

There are no arrearages to report.



News Release

Contact:
Linda Li
Banyan Air Service
954-492-4328
lli@banyanair.com

****FOR IMMEDIATE RELEASE****

Banyan Air Service Selected as Exclusive Provider of Customs RSP at Fort Lauderdale Executive Airport

Fort Lauderdale, FL - 6/26/23 - Banyan Air Service, a Fixed Base Operator (FBO), announces that it has been exclusively chosen by the U.S. Customs and Border Protection (CBP) to offer the Reimbursable Services Program (RSP) at Fort Lauderdale Executive Airport (KFXE). This groundbreaking partnership underscores Banyan's commitment to enhancing the travel experience for corporate jet operators and passengers.

The Customs RSP will allow business jet travelers to clear customs off-hours, further streamlining their entry into the United States. Banyan Air Service is proud to be the only company at KFXE authorized to provide this essential service.

"We are thrilled to be the exclusive provider of the Customs RSP at Fort Lauderdale Executive Airport. This partnership highlights our dedication to offering exceptional services to our clients and facilitating their travel experience," says Jon Tonko, Vice President of FBO Services for Banyan Air Service. "By collaborating with U.S. Customs and Border Patrol, we can ensure a seamless and efficient customs clearance process for international passengers."

Customs RSP offers significant benefits to aviation operators and passengers in terms of safety and efficiency. By utilizing the program, flights can clear customs during off-hours, without the need for an interim stop solely for the purpose of customs clearance, resulting in savings on time and expenses.

Banyan Air Service has a long-standing reputation for providing exceptional aviation services, including ground support, fueling, aircraft maintenance, and more. The addition of the Customs RSP to their portfolio further solidifies their position as a leading provider in the industry.

For more information on Banyan Air Service's Customs RSP offering and other services, please visit banyanair.com/rsp or email rsp@banyanair.com.

About Banyan Air Service:

Banyan Air Service is an award-winning full-service fixed base operator (FBO) with more than 1 million square feet of hangar and office space within a 110-acre aviation complex. Banyan provides comprehensive business aviation services, including ground services, aircraft sales,

UPDATE ITEM E.I.



News Release

Contact:
Linda Li
Banyan Air Service
954-492-4328
lli@banyanair.com

heavy maintenance, exterior and interior upgrades, turbine engine service, structural repairs, avionics installations and services, and aircraft part sales. Banyan's aircraft sales department is the Southeast Sales and Service center for the HondaJet. When visiting Banyan, be sure to check out the world's largest pilot shop, Banyan Pilot Shop, and dine with a view of the ramp at the delicious Jet Runway Café. For more information, visit www.banyanair.com.

END