



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, FEBRUARY 22, 2024 – 1:30 P.M.**

Board Members	Attendance	Cumulative Attendance 7/2023 - 6/2024	
		Present	Absent
Mark Volchek, Chair	P	4	1
William Gilbert, Vice Chair	P	4	1
David Ash	P	3	2
Kelly Gordon	P	4	1
Dr. Jeff Johnson	P	4	1
Dr. Ed Kwoka	P	4	1
Robert Laughlin	P	5	0
Kevin Macelhaney	A	4	1
Valerie Vitale	P	5	0
John Vratsinas	P	4	1
Non-Voting			
Commissioner Marlon Bolton	A	3	2
Jeff Helyer, City of Oakland Park	P	4	1

Airport/City Staff

Rufus A. James, Airport Director
Carlton Harrison, Assistant Airport Director
Khant Myat, Project Manager II
Chelsea Jones Finley, Program Manager
Angelia Basto, Senior Financial Administrator
Krystal Permanan, Airport Business Development Administrator
Miguel Laca, Financial Administrator
Linda Blanco, Senior Administrative Assistant

Others

Debbie Puia, Lofts of Palm Aire
Stephen Martin, AOPA
Travis Werth, JM Family Enterprises
Tom O'Donnell, Kimley-Horn and Associates
Matt Morrall, Outside Counsel for JM Family Enterprises
Nicholas Sonnenberg, Makers Air
Jennifer Valencia, Makers Air
John Caccamise, JM Family Enterprises
Don Campion, Banyan Air Service
Marshall Myles, FXE Jet Center
Steve Wherry, Wherry Law
Ignacio Martinez, W Aviation
Leonel Leon, W Aviation

CALL TO ORDER

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

ROLL CALL

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

APPROVAL OF MINUTES

- **January 25, 2024**

Motion made by Mr. Gilbert, seconded by Dr. Johnson, to approve the minutes of the January 25, 2024, meeting as presented. Motion passed unanimously.

VOTING ITEMS

1. First Amendment to Lease Agreement - Parcel 8H JM Family Automotive LLC

Chair Volchek said the City indicated the lease amendment was not finished yet and asked the Board to pull the item from their agenda. He noted there were ongoing discussions between JM Family Enterprises (JM) and W Aviation regarding the access road.

Dr. Kwoka stated that in the past, in situations like this, they had tabled the item. Mr. Vratsinas requested a brief overview. Chair Volchek requested an overview from Mr. James and then he wanted to hear from the tenants involved so that everyone was aware of what was taking place. Mr. James stated the Airport did a title search on that section of road, pursuant to the City Attorney's recommendation and determined there were no issues with it. The title search also revealed an access easement agreement with FPL that provides power to their backup generator. The process of identifying the utility location was completed yesterday by FPL and the City surveyor would need to create a new survey, and an access easement agreement would be presented to the City Commission with review by FPL. Mr. James said there were discussions between JM and W Aviation.

Mr. Morrall, representing JM, described issues that had arisen with W Aviation regarding use of the access easement. He stated JM used the easement for fuel truck access and that W Aviation staff had been crossing the access easement and this presented safety and access issues for JM. He requested the Board approve the lease amendment and let the City Commission make a determination about W Aviation. He added that the road was used by JM for over 40 years.

Mr. Wherry, representing W Aviation, said they discussed possible alternate accesses for JM that would allow W Aviation to accommodate their expansion, which he described. He stated making the access road into an exclusive road to JM would "decapitate" their terminal from their airfield operations.

Chair Volchek said there was a need for further discussions between these tenants. Mr. Vratsinas suggested tabling the item and allowing the tenants to hopefully come to an agreement. Dr. Kwoka said the Board would not approve anything unless both parties agreed on a solution.

Motion made by Dr. Kwoka, seconded by Mr. Gilbert, to table this item to the next meeting. Motion passed unanimously.

UPDATE ITEMS

A. Noise Compatibility Program

Ms. Permanan reported that in January, there were eight aircraft exceeding the recommended decibel level at Noise Monitor 2 on Runway 9, but none generated any noise reports from the community. In January, there were a total of 43 noise reports from residents.

Ms. Permanan provided an update on the status of Noise Monitor 1. It had been assigned an address and Oakland Park was working with FPL to get power to the monitor.

Ms. Puia asked about Noise Monitor 6 and Mr. James replied it was in the southwest portion of the Airport and this location was chosen to capture everything that flew in and out of the Airport. He stated it was as accurate as a monitor located in Ms. Puia's backyard would be. The equipment was sophisticated enough to differentiate noise as being from motorcycles and lawn mowers.

Dr. Kwoka pointed out that the FAA determined that the noise abatement procedures were voluntary.

Mr. James said FXE, their consultant and hopefully a representative from air traffic control would make a presentation to the Lofts of Palm Aire HOA committee in April regarding the Noise Compatibility Program.

B. Development and Construction

Mr. Harrison reported the Midfield Run-Up Expansion Project was progressing. He said paving was complete and they were awaiting the materials for the blast shield. It would take 30 days to cure the pavement before they would do the final striping.

With regard to the Runway 9 Run-Up Area Relocation and Southend Taxiways Project, Mr. Harrison stated they demolished the blast fence and were reshaping the end of Taxiway Alpha 1. They would pave the area in the next couple of weeks in preparation for the next phase.

Mr. Harrison reported on February 5, they had begun the mill and overlay on a section of Taxiway Golf. This should last approximately 100 days.

Operational data was included in the Board packet. Mr. Harrison noted growth in operations, the helistop and customs.

C. Arrearages

There are currently no rent or fuel flowage arrearages.

D. Communication to the City Commission

None

E. Other Items

Mr. James said these items would be deferred to the Board's next meeting to allow time for the Board members' FXE projects tour.

I. Community Events

II. Public Comments

Board members left the meeting room to tour the ongoing projects at 2:15 P.M. and returned at 3:07 P.M. When they returned, Board members and Mr. James discussed noise issues and how the Airport addressed them.


ADJOURNMENT

There being no further business to come before the Board at this time, the meeting was adjourned at 3:12 P.M.

NEXT SCHEDULED MEETING DATE: Thursday, March 28, 2024, at 1:30 P.M.

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

UPDATE ITEM A

DATE: April 25, 2024
TO: Aviation Advisory Board 
FROM: Rufus A. James, Airport Director
VIA: Chelsea Jones Finley, Airport Programs Manager
BY: Krystal Permanan, Airport Business Assistance Administrator
SUBJECT: Executive Airport – Noise Compatibility Program

This update comprises the reports for February and March 2024.

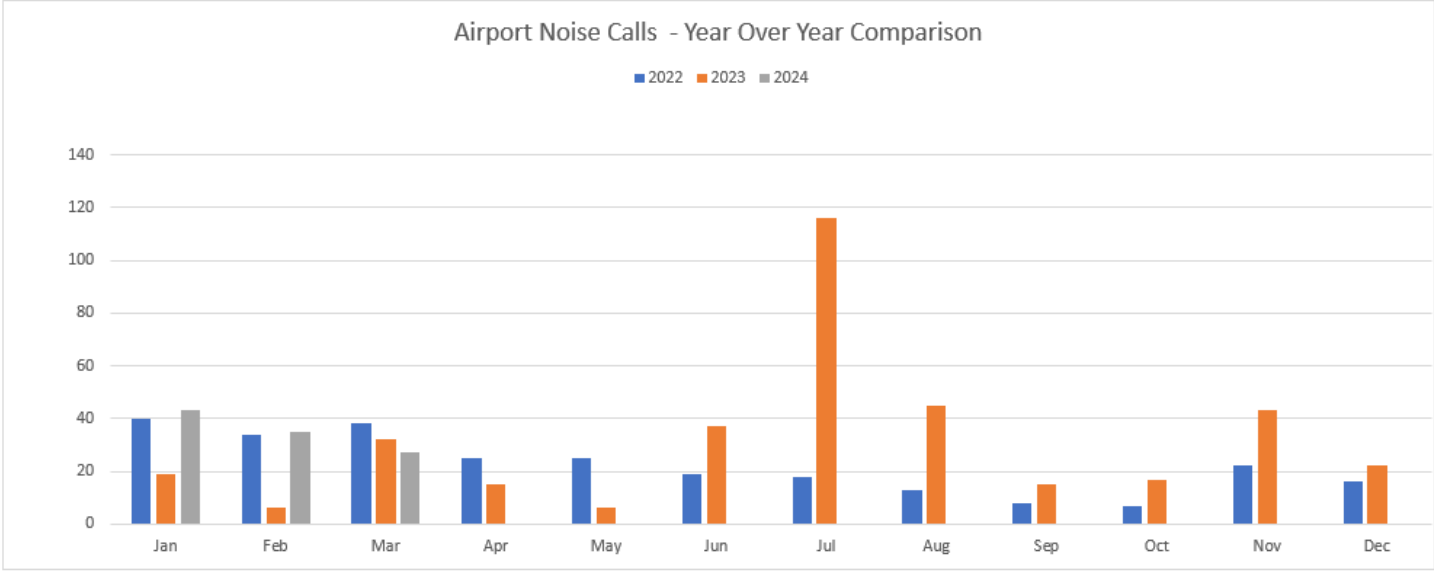
In February 2024, Fort Lauderdale Executive Airport (FXE) generated 699 jet departures from Runway 9. Noise Monitor #2 registered two aircraft that exceeded the recommended limit of 80 decibels, which generated one noise report from the community attributed to a private owner. A total of 35 noise reports from residents were generated for February 2024.

In March 2024, the Executive Airport generated 1044 jet departures from Runway 9. Noise Monitor #2 registered five aircraft that exceeded the recommended limit of 80 decibels; however, these events did not generate a noise report from the community. A total of 27 noise reports from residents were generated for March 2024.

Staff will continue responding to resident concerns and analyzing aircraft operations to ensure safe and efficient operations at FXE.

Airport Noise Calls: Year-Over-Year Comparison

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
2022	40	34	38	25	25	19	18	13	8	7	22	16	265
2023	19	6	32	15	6	37	116	45	15	17	43	22	373
2024	43	35	27										105





COOPERATIVE NOISE ABATEMENT EFFORT

February 2024

April 25, 2024

Jet Departures and Noise	Jan-24	Feb-24
Total Departures	1282	1189
Runway 27 Jet Departures	547	482
Runway 9 Jet Departures	727	699
Runway 13/31 Jet Departures	8	8
Runway 9 Jet Departures, I-95 Turns	371	403
Runway 9 Jet Departures %, I-95 Turns	51%	58%
Jet over 80dB at Monitor #1	*	*
Jet over 80dB at Monitor #2	8	2

Noise Reports	Jan-24	Feb-24
Number of Households - FXE Noise Only	10	19
Number of Reports - Jets	17	17
Number of Reports - Propellers Single-Engine	13	10
Number of Reports - Propellers Multi-Engine	11	5
Number of Reports - Helicopters	0	2
Number of Reports - Unknown AC Category	2	1
Number of Reports - Unmatched	1	1
Number of Reports - DT1	0	0
Total Number of Noise Reports for FXE ¹	43	35

¹ The Total Number of Noise Reports for FXE Excludes Number of Households and Unmatched Reports.

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 FXE, FPL and Envirosuite.



COOPERATIVE NOISE ABATEMENT EFFORT

March 2024

April 25, 2024

Jet Departures and Noise	Feb-24	Mar-24
Total Departures	1189	1323
Runway 27 Jet Departures	482	273
Runway 9 Jet Departures	699	1044
Runway 13/31 Jet Departures	8	6
Runway 9 Jet Departures, I-95 Turns	403	584
Runway 9 Jet Departures %, I-95 Turns	58%	56%
Jet over 80dB at Monitor #1	*	*
Jet over 80dB at Monitor #2	2	5

Noise Reports	Feb-24	Mar-24
Number of Households - FXE Noise Only	19	15
Number of Reports - Jets	17	16
Number of Reports - Propellers Single-Engine	10	8
Number of Reports - Propellers Multi-Engine	5	3
Number of Reports - Helicopters	2	0
Number of Reports - Unknown AC Category	1	0
Number of Reports - Unmatched	1	0
Number of Reports - DT1	0	0
Total Number of Noise Reports for FXE ¹	35	27

¹ The Total Number of Noise Reports for FXE Excludes Number of Households and Unmatched Reports.

Noise Reports By Quadrant



NMT#1 Update: Florida Power & Light Company is expected to provide power to the pole soon. Once powered, the City of Oakland will finalize the permit. Envirosuite will then reinstall Noise Monitor Terminal 1.

UPDATE ITEM B

DATE: April 25, 2024
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director
BY: Benjamin J. Gatti, Airport Operations Specialist
VIA: Carlton M. Harrison, Assistant Airport Director
SUBJECT: Development and Construction

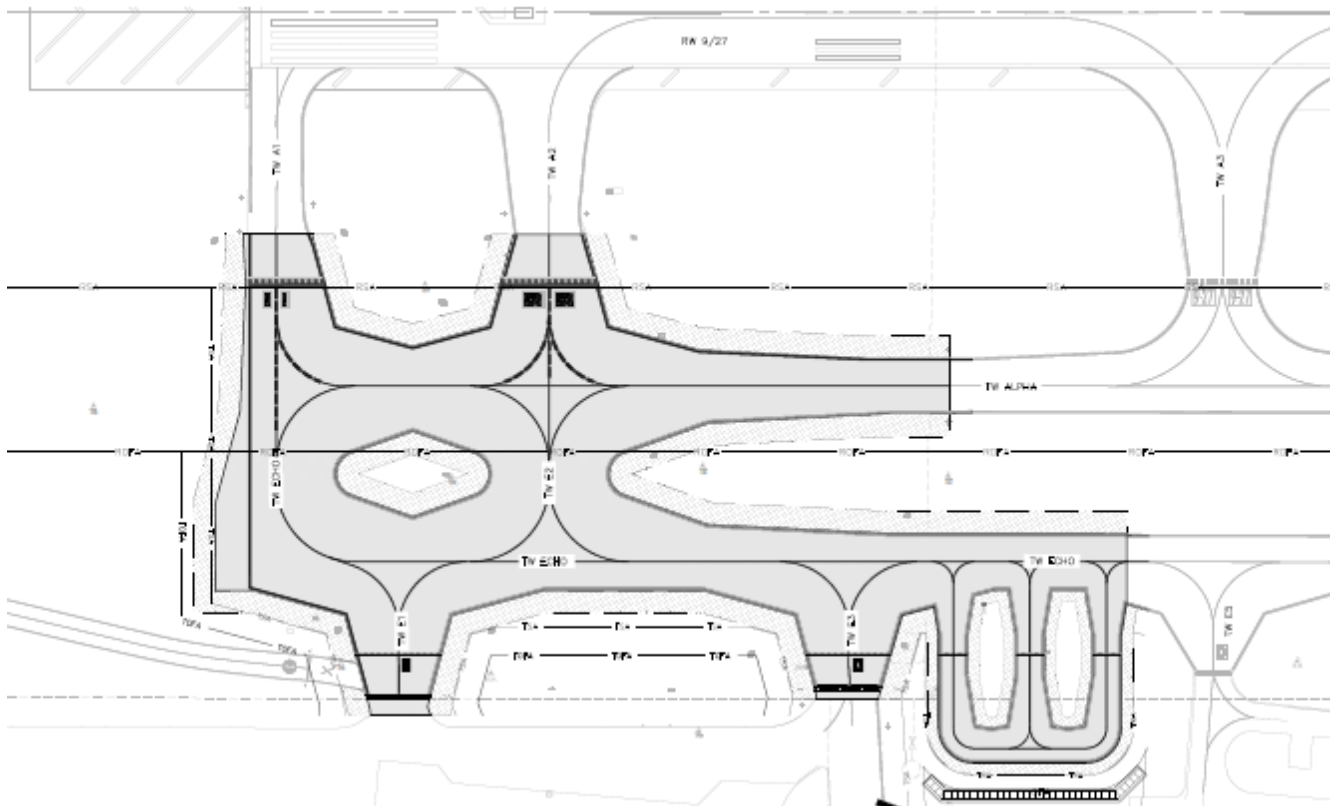
12474 – FXE Mid-field Run-up Area Project

The expansion of the Midfield Runup Area from 54,000 square feet to 89,000 square feet with the addition of jet blast deflectors began on Monday, September 4, 2023. During the seven-month construction period, the Midfield Runup Area has been closed to all operations. An alternate runup area for jets and large turbo-prop aircraft was established on Taxiway Echo, between Taxiway November and Taxiway Delta or as designated by Air Traffic Control. Within the current phase, substantial completion has been achieved with the installation of the two jet blast deflectors, new pavement has been completed, final paint markings have been applied, and the sod installation has been completed.



12708 – FXE Runway 9 Runup Area Relocation and Southend Taxiways Project

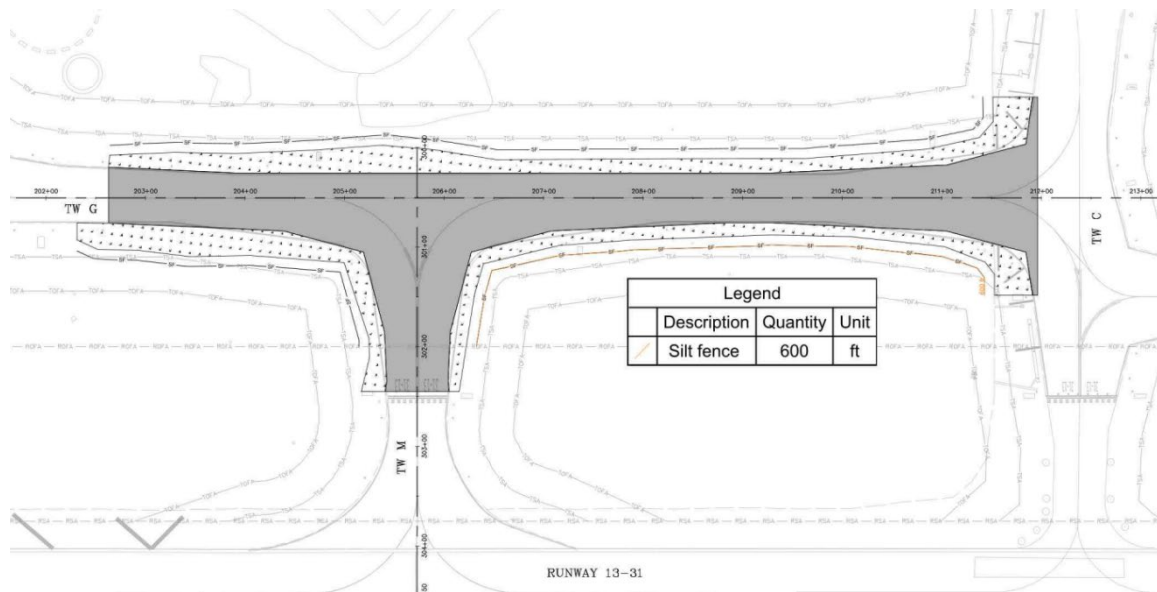
The purpose of the Runway 9 Runup Area Relocation and Southend Taxiways Project is to realign Taxiway Echo to adhere to modern FAA Advisory Circular standards for taxiways that intersect a runway. Construction began on December 11, 2023, with the closure of the Runway 9 Runup Area and the removal of the existing blast fence. The concrete slab under the existing blast fence has been removed, and lime rock has been graded and compacted for areas supporting asphalt. On Monday, January 8, 2024, Phase 2 of the project began. This phase included the closure of Taxiway Alpha 1 in preparation for paving. Installation of In-pavement Runway Guard Lights, Edge Lights, and Signs have been completed. The area has been paved, and Taxiway Alpha 1 has been reopened. Phase 3 began with the closure and demolition of Taxiway Echo 1. Work during this phase will include the installation of the lime rock base and the redesign of Taxiway Echo 1 and Taxiway Echo west of Taxiway Echo 3. Access to Taxiway Echo from the apron will be via Taxiway Echo 3.





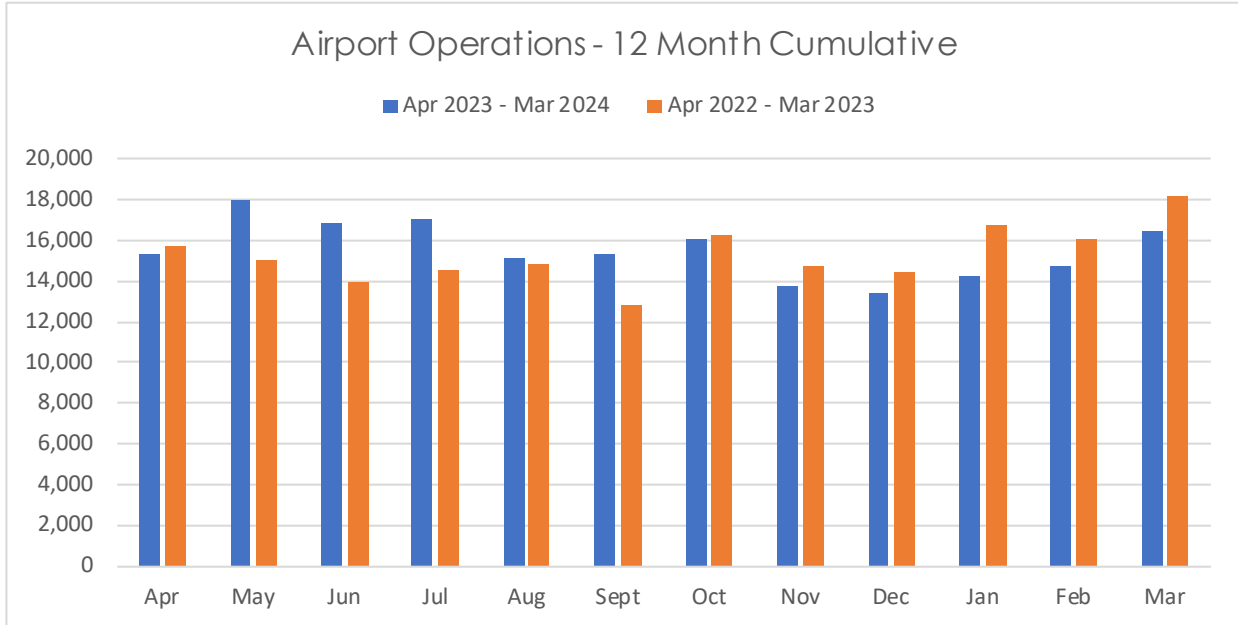
12539 – FXE Taxiway Golf Rehabilitation Project

On February 5, 2024, Phase 1 of the Taxiway Golf Rehabilitation Project began. This project involves the milling and resurfacing of Taxiway G between Taxiway November and Taxiway Charlie. The Phase 1 closure will last for approximately 15 weeks. Taxiway Golf between Taxiway Echo and Taxiway Charlie has closed, Taxiway November between Taxiway Echo and Taxiway Golf has closed, and Taxiway Mike between Taxiway Golf and Runway 13/31 has closed. Lime rock grading, compaction, and overnight paving operations concluded on March 29, 2024. Sodding, taxiway edge lights, airfield signage, and associated underground cabling have also been completed. Substantial completion has been achieved, and the project punch-list walkthrough was performed on April 8, 2024.



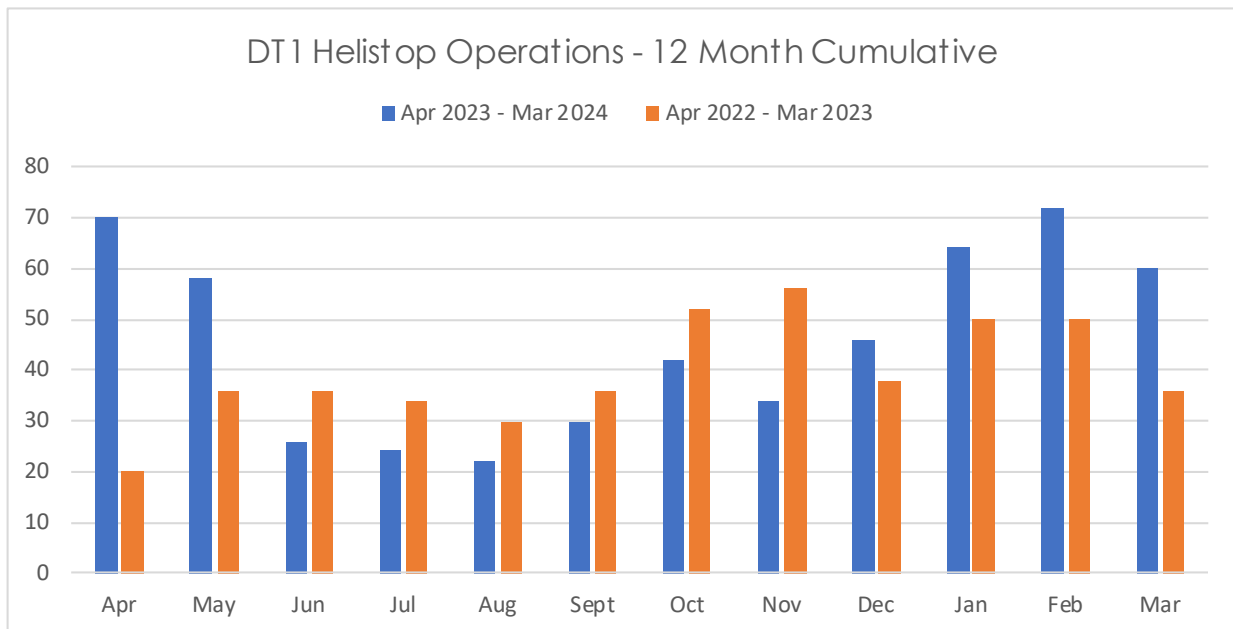
Airport Operations - 12 Month Cumulative

Apr 2023 - Mar 2024	15,321	17,980	16,802	17,016	15,145	15,294	16,020	13,692	13,431	14,231	14,721	16,444	186,097
Apr 2022 - Mar 2023	15,760	15,044	13,895	14,505	14,870	12,822	16,286	14,738	14,451	16,790	16,037	18,158	183,356



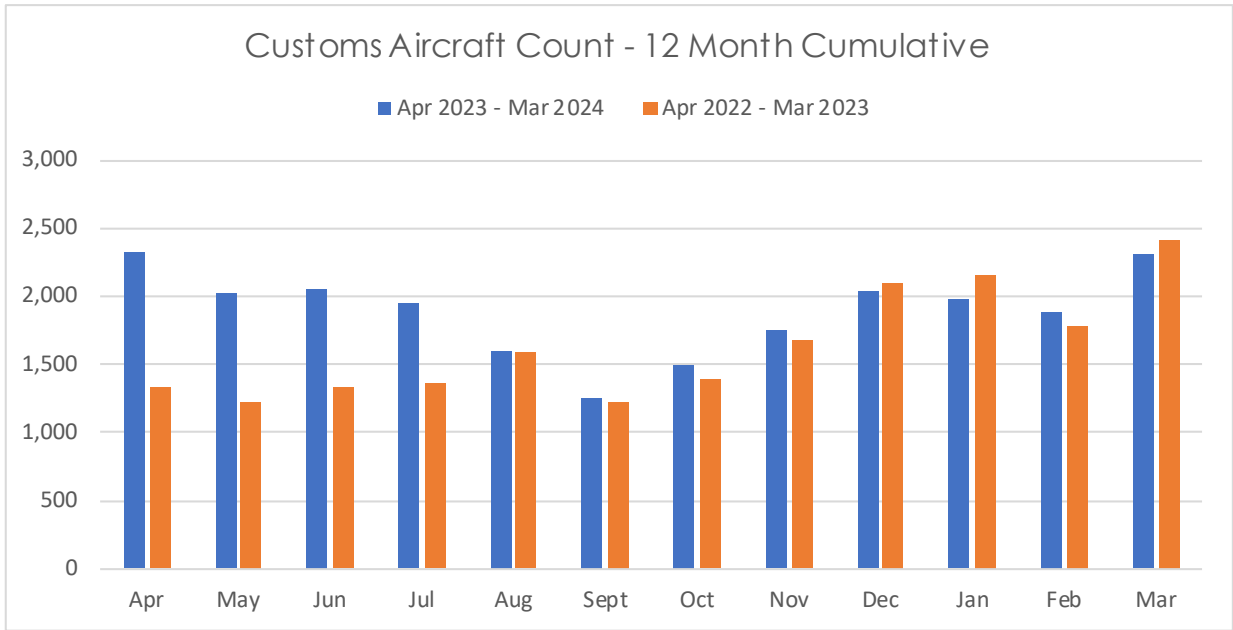
DT1 Helistop Operations - 12 Month Cumulative

Apr 2023 - Mar 2024	70	58	26	24	22	30	42	34	46	64	72	60	548
Apr 2022 - Mar 2023	20	36	36	34	30	36	52	56	38	50	50	36	474



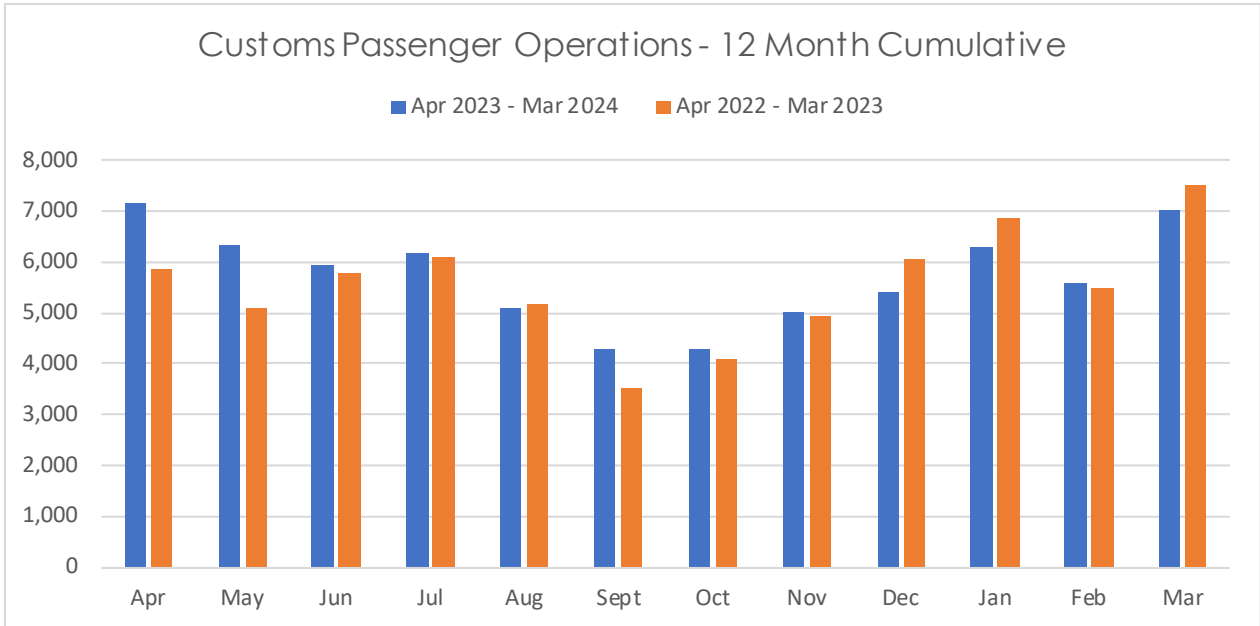
Customs Aircraft Count - 12 Month Cumulative

	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Totals
Apr 2023 - Mar 2024	2,316	2,021	2,055	1,951	1,603	1,257	1,488	1,749	2,041	1,984	1,887	2,306	22,658
Apr 2022 - Mar 2023	1,324	1,223	1,325	1,354	1,591	1,226	1,391	1,674	2,090	2,162	1,787	2,410	19,557



Customs Passenger Operations - 12 Month Cumulative

	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Totals
Apr 2023 - Mar 2024	7,158	6,338	5,947	6,169	5,070	4,284	4,299	5,016	5,420	6,300	5,561	7,023	68,585
Apr 2022 - Mar 2023	5,856	5,076	5,787	6,115	5,167	3,532	4,081	4,945	6,040	6,850	5,498	7,489	66,436

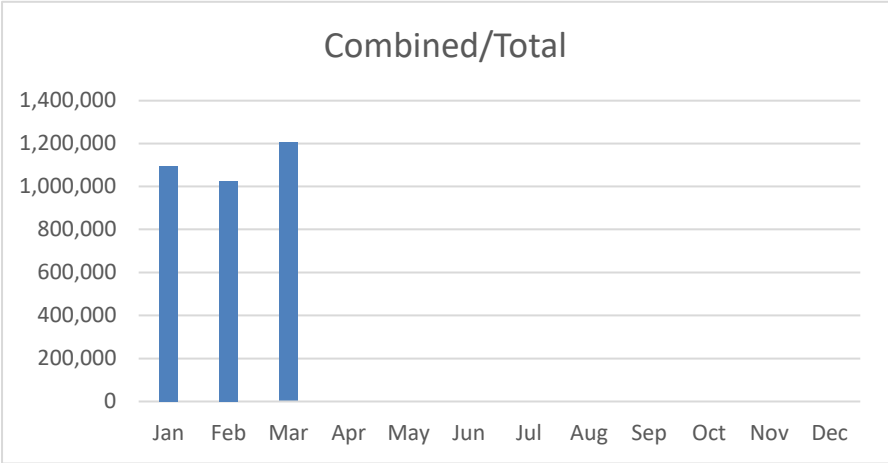
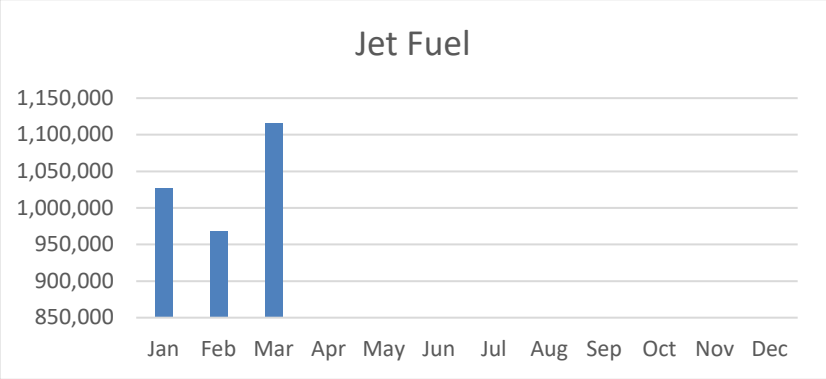
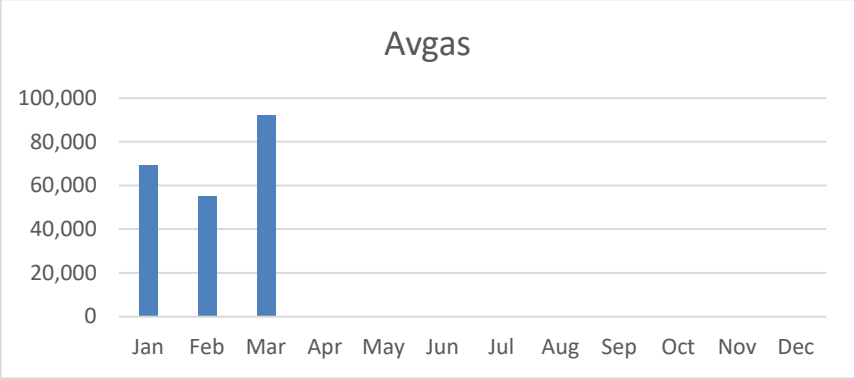


Date	Alert Level	Aircraft Type	Description
2/13/2024	II	Piper Navajo	Low Power to Left Engine
2/21/2024	III	Mitsubishi MU-2	Collapsed Nose Gear
2/24/2024	I	Cessna 172 Skyhawk	Flat Right Main Gear

Date	Alert Level	Aircraft Type	Description
3/7/2024	I	Cessna 172 Skyhawk	Flat Left Main Gear
3/8/2024	I	Rockwell Sabreliner	Flat Right Main Gear
3/10/2024	I	Cirrus SR22	Flat Right Main Gear

2024 Monthly Fuel Flowage (Gallons)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Avgas	69,394	55,013	92,323										216,730
Jet	1,026,986	968,551	1,115,643										3,111,180
Total	1,096,380	1,023,564	1,207,966	0	0	0	0	0	0	0	0	0	3,327,910



UPDATE ITEM C

DATE: April 25, 2023
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director
SUBJECT: Arrearages



Rent

Lots 23, 24 – Cypress Commerce, Ltd.

- March 2023 Rent (\$14,913.15)

Fuel Flowage

There are no arrearages to report.

UPDATE ITEM E.I.

DATE: April 25, 2024
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director
VIA: Carlton Harrison, Assistant Airport Director
BY: Chelsea Jones Finley, Airport Program Manager
SUBJECT: Community Events - Flying Classroom 2024 STEMfest and Civil Air Patrol Eclipse Mission



Flying Classroom 2024 STEMFEST

On Saturday, March 2, Flying Classroom, in partnership with Broward County Public Schools - Title I, Migrant, and Special Programs Department, and Fort Lauderdale Executive Airport, hosted the 2024 STEMfest. This annual event provides students with an immersive experience in STEM (Science, Technology, Engineering, and Math) within Aviation.

This year's event offered a unique blend of experiences, welcoming over 750 attendees, including 300 students and their families. Participants were actively immersed in activities, including flight and car simulators, science experiments, art, and interactive exhibits. They also explored the static airplane, helicopter, and solar car and interacted with the Airport's Aircraft Rescue and Firefighting truck.

Year after year, students and their families eagerly anticipated meeting Captain Irving, a trailblazer in both Aviation and Education. He left a lasting impression and shared autographed copies of his book, "Touch the Sky."

The 2024 STEMfest success was made possible through the collaborative efforts of over 60 volunteers and key partners, including OSM Aviation Academy, Banyan Air Service, Banyan Pilot Shop, Houghton Media Management, Civil Air Patrol, U.S. Customs and Border Protection, Museum of Discovery & Science Star Lab, Community Emergency Response Team, and Kona Ice. The event feedback was overwhelmingly positive, with many participants describing it as the best year.

[View the 2024 STEMfest photos.](#)



Image 1: Student tested his pilot skills on the flight simulator.



Image 2: The Banyan Team engaged students in the aircraft marshaling procedures.

Civil Air Patrol Eclipse Mission

On Monday, April 8, the Fort Lauderdale Composite Squadron Unit of the Civil Air Patrol (CAP), stationed at the Executive Airport, participated in the Civil Air Patrol Eclipse Mission - supporting NASA by gathering over a quarter-million data points during the total solar eclipse. This event was the organization's most extensive single-day endeavor to date. Strategically positioned at the Executive Airport's conference room terrace, the squadron utilized the vantage point to capture essential data and conduct observations during this celestial event.

The 2024 Solar Eclipse Mission spanned seven time zones, 50 states, and two U.S. territories. At least 4,000 Civil Air Patrol members convened at 630 sites nationwide to collect data on atmospheric parameters, including air temperature, cloud cover and type, wind speed and direction, precipitation, and the impact on VHF radio operations.

The data will improve weather/climate models and forecasting and provide engineers with the information to design radio communication systems that are more resilient to solar storms. Scientists will also use the data to further their understanding of the sun, the ionosphere, and Earth's atmosphere.

The Airport is dedicated to youth education and promoting access to Aviation and Aerospace opportunities. It was a privilege to host the Fort Lauderdale Composite Squadron Unit. FXE will continue to support its invaluable efforts to inspire and empower young community members to explore and pursue careers in Aviation/Aerospace and STEM-related fields.

The Civil Air Patrol is a civilian auxiliary of the United States Air Force, dedicated to three primary missions: emergency services, aerospace education, and cadet programs. With a focus on service to the community, state, and nation, CAP members actively engage in various initiatives to promote aviation safety, foster youth development, and support humanitarian efforts. Read more about the [Fort Lauderdale Composite Squadron Unit](#).



Image 3: The Civil Air Patrol Fort Lauderdale Composite Squadron Unit members participated in the Civil Air Patrol Eclipse Mission from Fort Lauderdale Executive Airport.