



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, APRIL 28, 2022 – 1:30 P.M.**

	Attendance	Cumulative Attendance 7/2021-6/2022	
		Present	Absent
Board Members			
Louis Gavin, Chair	P	6	0
Mark Volchek, Vice Chair	P	4	2
David Ash	P	2	0
William Gilbert	P	5	1
Jeff Johnson	P	6	0
Dr. Ed Kwoka	P	3	0
Robert Laughlin	P	5	1
Valerie Vitale [arrived 1:35]	P	6	0
John Vratsinas	P	1	0
Non-Voting			
Tamarac Vice Mayor Marlon Bolton	P	5	1
Jeff Helyer, City of Oakland Park	P	6	0

Airport Staff

Rufus A. James, Airport Director
Carlton Harrison, Assistant Airport Director
Khant Myat, Project Manager II
Jeri Pryor, Program Manager I
Miguel Laca, Financial Administrator
Krystal Permanan, Airport Business Assistance Administrator
Linda Blanco, Senior Administrative Assistant

Others

Rodrigo Garrido, Michael Baker International
Ignacio Martinez, W Aviation
Leonel Leon, W Aviation
J. Opperlee, Recording Secretary, Prototype, Inc.

CALL TO ORDER

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

Roll Call

Roll was called and a quorum determined to be present.

APPROVAL OF MINUTES

- **March 24, 2022**

Motion made by Dr. Kwoka, seconded by Mr. Volchek, to approve the minutes of the March 24, 2022 meeting as presented. Motion passed unanimously.

VOTING ITEMS

1. Lease Amendments - Revision of Paragraph 13 Aviation Fuels for Parcels 2A, 7B, 8AB, 8H, 11ABCD, 15 and O

Mr. James provided the presentation and recommended approval.

Motion made by Mr. Laughlin, seconded by Dr. Kwoka, to approve the lease amendments. In a voice vote, the motion passed unanimously.

UPDATE ITEMS

A. Noise Compatibility Program

Ms. Pryor reported there had been 37 noise complaint calls in March, all from the quadrant east of Runway 9. Twenty-eight of those calls had been from one resident. No aircraft had been over 80 decibels and all were following the noise abatement program.

Ms. Pryor said they had added a comparison graph which showed noise had decreased steadily since 2000 even as operations were increasing. Graph 2 was cumulative for the past two years and she pointed out the increase in noise in the winter [high tourist] months.

Ms. Pryor described the process for a noise complaint, which included allowing the caller to request a call back. Ms. Pryor stated the resident who made the most complaints had declined invitations to visit the Airport.

Mr. Ash asked about the five incidents of a jet at 80 decibels at monitor 2 and asked if it was the same jet. Ms. Pryor stated it was not, and the decibel level was reported by the software system, not by a resident.

B. Development and Construction

Mr. Harrison provided an update on the Taxiway Intersection Improvements Project. He said several Burrowing Owl burrows and their eggs had been discovered. As these owls are protected, the project must be delayed until the birds can be safely relocated.

Mr. Harrison said all operations were trending in a positive direction.

Dr. Kwoka asked when the maintenance projects would be completed. Mr. James explained the cyclical nature of pavement maintenance. He said they had also upgraded to cables encased in conduit because they could better withstand lightning strikes. Then they upgraded to LED lighting, which also were better at withstanding lightning strikes. As technologies improved, they made those improvements to stay in the forefront.

Dr. Kwoka recalled discussing a tire damage issue and FOD awareness. He asked if there was a formal FAA-recommended program for FBOs and operators. Mr. Harrison said each FBO does a FOD walk every day. He stated they tracked every incident of tire blow-out and its location and noted the runways were inspected three times per day. Chair Gavin said the concerning thing was that there had been two blow-outs on one day and three on another day. Mr Gavin asked how they investigate tire blow-outs. Mr. Harrison said they contacted the pilot to try to determine what happened, but some were reluctant to share details about the incident and others were more forthcoming with that information.

Mr. James noted there is a current increase in the price of tires, so some owners were pushing tire usage. He was certain the existing FOD program was sufficient.

Mr. Harrison agreed to send an invitation to Board members for the May 24th virtual Runway Safety Action Team meeting where they could discuss this issue.

C. Arrearages

Mr. James reported there were no rent or fuel arrearages.

D. Communication to the City Commission

None

E. Other Items

- i. Public Comments

None

ADJOURNMENT

There being no further business to come before the Board at this time, the meeting was adjourned at 2:10 p.m.

NEXT SCHEDULED MEETING DATE: Thursday, May 26, 2022 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.

VOTING ITEM 1

DATE: May 26, 2022
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director
BY: Khant Myat, P.E., Airport Engineer/Project Manager II
SUBJECT: Approval of Contract Negotiations for General Aviation Consultant Services with HDR, Engineering, Inc. and Kimley-Horn and Associates, Inc.



The current contract to provide General Aviation Consultant Services with HDR Engineering, Inc. and Kimley-Horn and Associates, Inc. expires on July 9, 2022. In anticipation of this, the Airport prepared a Request for Qualifications (RFQ) and Scope of Services to select consulting firms to provide consultant services for upcoming Airport Capital Improvement Program (CIP) projects. The Scope of Services detailed a comprehensive list of possible projects that may be accomplished by the selected firms based on the Airport's five-year CIP are as follows:

- Runway 13-31 Pavement Sealing
- Mid-Field Run-up Construction
- Taxiways B and Q Realignment
- Taxiways L and P Extension
- FXE Airport Drainage Improvements
- Runway 9 Extension Project
- Runway 9-27 Pavement Rehabilitation

The RFQ was issued on March 11, 2022 and three responses were received on April 14, 2022. An Evaluation Committee was established to review the submittals and selected a minimum of two firms for further selection. The shortlisting took place on May 2, 2022. The Committee carefully reviewed the firms and recommends the following rankings:

1. HDR Engineering, Inc.
2. Kimley-Horn and Associates, Inc.
3. Michael Baker International, Inc.

Staff Recommendation

Staff recommends the acceptance of the Evaluation Committee's recommendations for ranking the firms, and authorization to negotiate with the top two-ranked firms according to the Consultant's Competitive Negotiation Act. Major projects and task orders will be brought back to the Board and City Commission on a project-by-project basis, as funding is determined.



COOPERATIVE NOISE ABATEMENT EFFORT

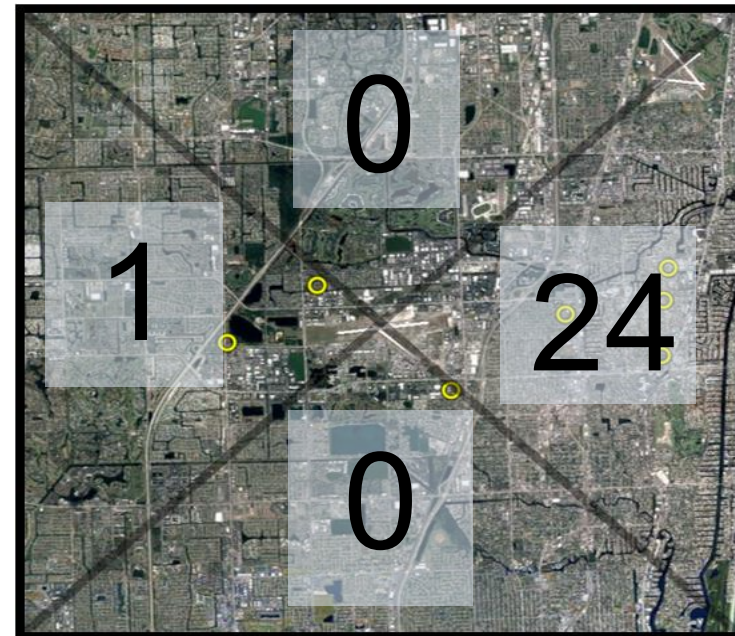
Month of April, 2022

May 26, 2022

Noise Reports By Quadrant

Jet Departures and Noise	Mar-22	Apr-22
Total Jet Departures	1681	1586
Runway 27 Jet Departures	303	253
Runway 9 Jet Departures	1364	1333
Runway 13/31 Jet Departures	14	0
Runway 9 Jet Departure, I-95 Turns	797	843
Runway 9 Jet Departure, % I-95 Turns	58%	63%
Jets over 80 dB at Monitor #1	*	*
Jets over 80 dB at Monitor #2	5	5

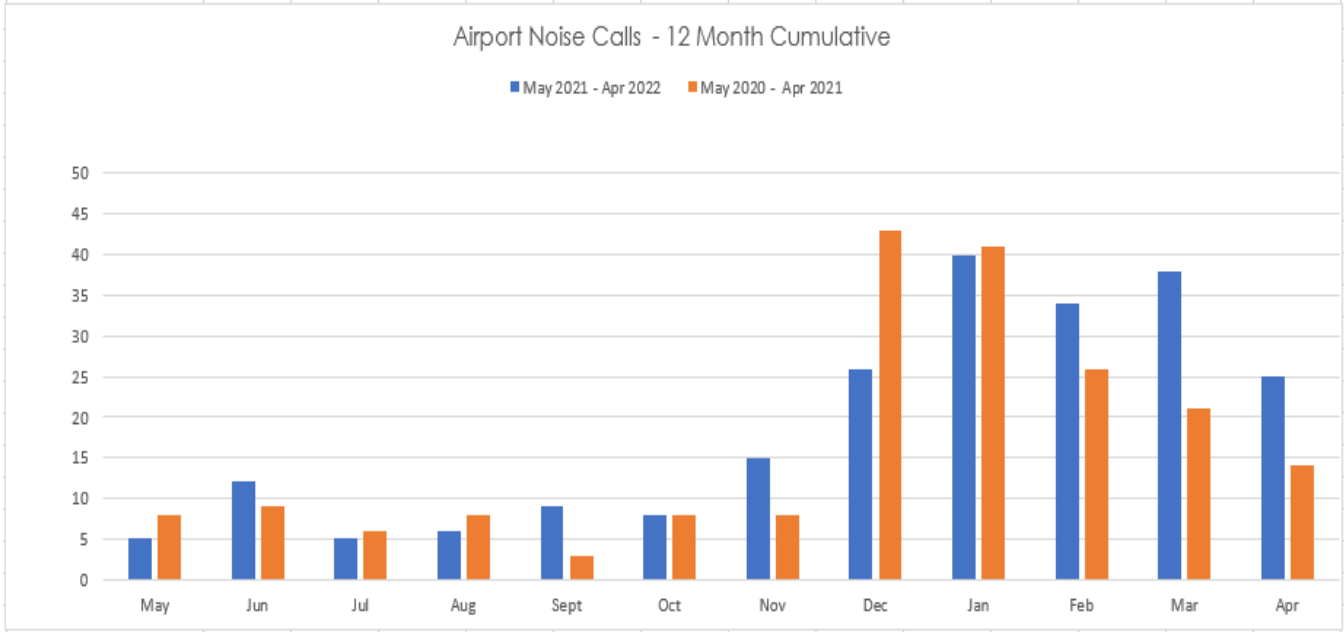
Noise Reports	Mar - 22	Apr -22
Number of Households - FXE Noise Only	7	9
Number of Noise Reports - Jets	33	24
Number of Noise Reports - Propellers Single-Engine	4	1
Number of Noise Reports - Propellers Multi-Engine	0	0
Number of Noise Reports - Helicopters	0	0
Number of Noise Reports - Unmatched	0	0
Number of Noise Reports - DT1	0	0
Total Number of Noise Reports for FXE	37	25



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.

AIRPORT NOISE CALLS – 12 MONTH CUMULATIVE

	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Totals
May 2021 - Apr 2022	5	12	5	6	9	8	15	26	40	34	38	25	223
May 2020 - Apr 2021	8	9	6	8	3	8	8	43	41	26	21	14	195



UPDATE ITEM B

DATE: May 26, 2022
 TO: Aviation Advisory Board *Self*
 FROM: Rufus A. James, Airport Director
 BY: Benjamin J. Gatti, Airport Operations Specialist
 VIA: Carlton M. Harrison, Assistant Airport Director
 SUBJECT: Development and Construction

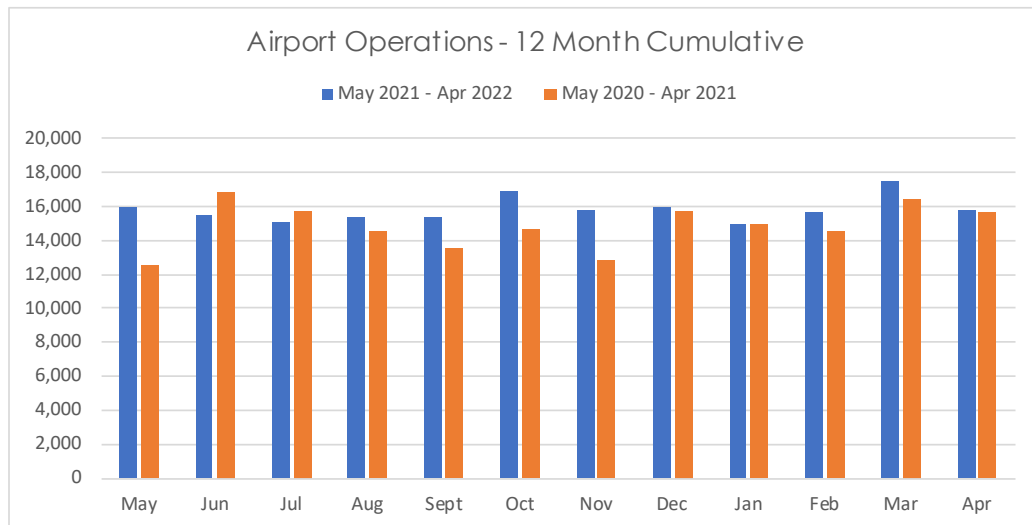
Challenge Air for Kids and Friends - “Fly Day”

On Saturday, April 23, 2022, Challenge Air for Kids and Friends presented “Fly Day” from 8:00 a.m. to 4:00 p.m. at Banyan Air Service North, 1700 NW 62nd Street. On “Fly Day”, free airplane rides were given to any physically challenged child or young adult who registered prior to the event. This year, with the help of over 100 volunteers and 15 donated aircraft, 72 registered participants and their families received the gift of flight.

For more information on future Challenge Air for Kids and Friends events or to volunteer or contribute a gift, please visit www.challengeair.com. For additional information contact Leslie Horkin with Banyan Air Service at 954-492-3551 or email lhorkin@banyanair.com.

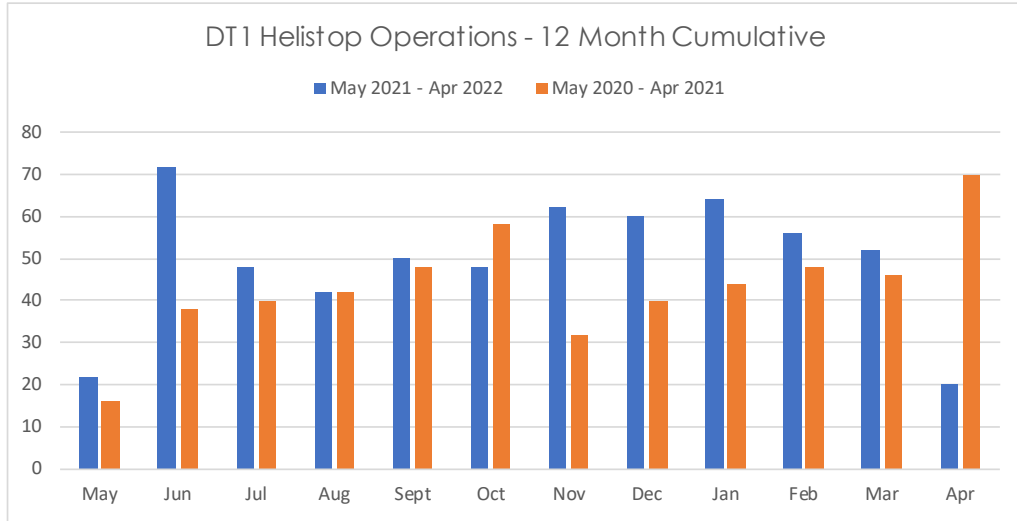
Airport Operations - 12 Month Cumulative

	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Totals
May 2021 - Apr 2022	15,896	15,464	15,067	15,292	15,310	16,806	15,775	15,935	14,980	15,680	17,474	15,760	189,439
May 2020 - Apr 2021	12,509	16,893	15,774	14,495	13,489	14,584	12,843	15,773	14,915	14,538	16,461	15,685	177,959



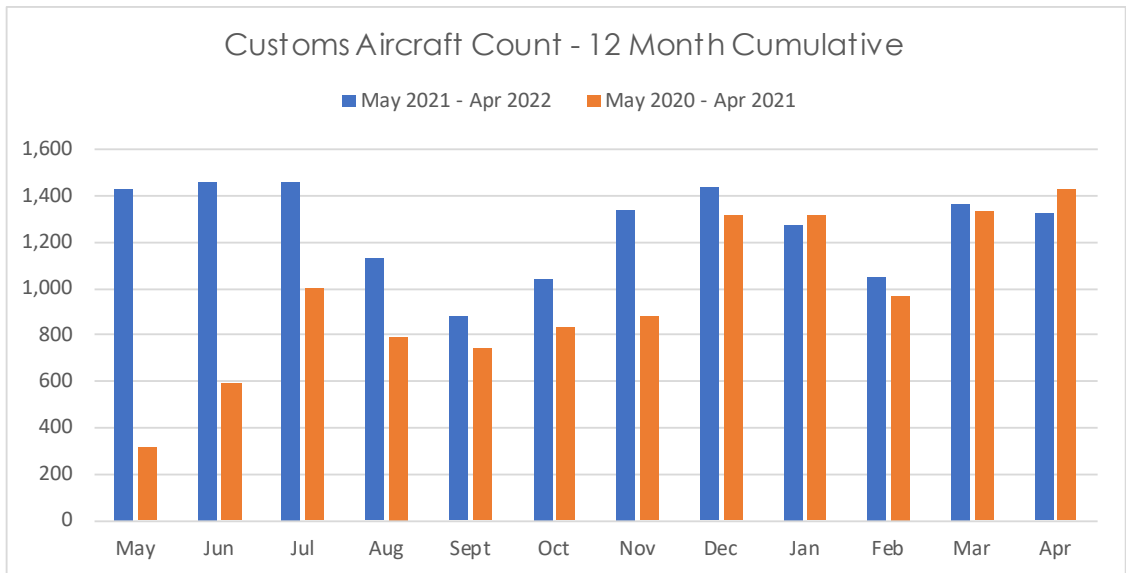
DT1 Helistop Operations - 12 Month Cumulative

	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Totals
May 2021 - Apr 2022	22	72	48	42	50	48	62	60	64	56	52	20	596
May 2020 - Apr 2021	16	38	40	42	48	58	32	40	44	48	46	70	522



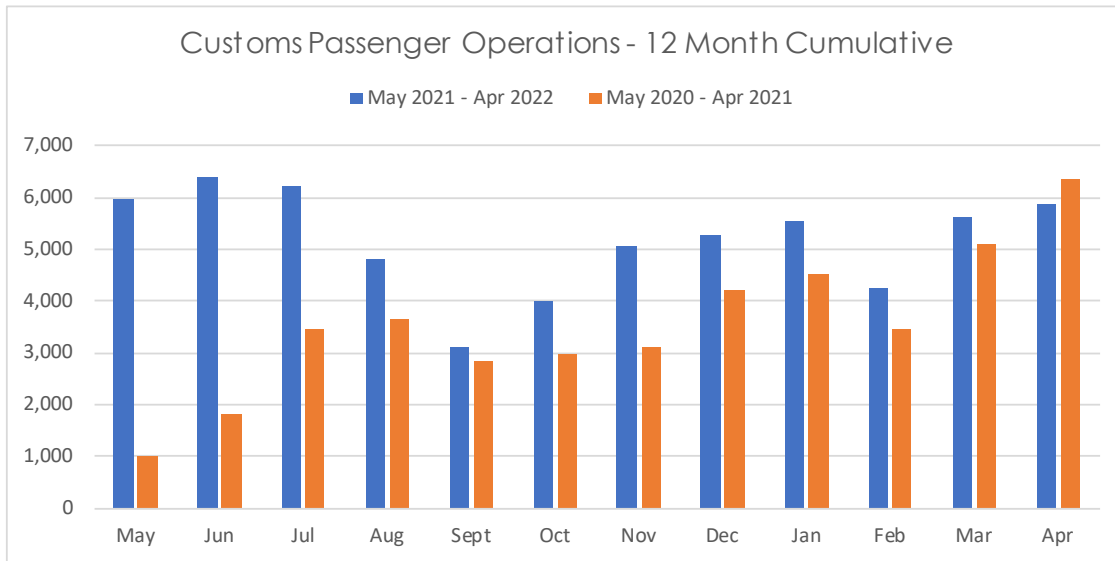
Customs Aircraft Count - 12 Month Cumulative

	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Totals
May 2021 - Apr 2022	1,425	1,461	1,461	1,134	877	1,045	1,344	1,434	1,278	1,053	1,364	1,324	15,200
May 2020 - Apr 2021	312	591	998	788	741	833	878	1,318	1,315	971	1,332	1,430	11,507



Customs Passenger Operations - 12 Month Cumulative

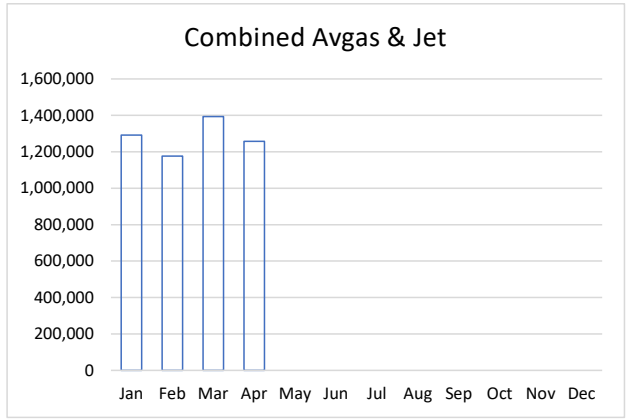
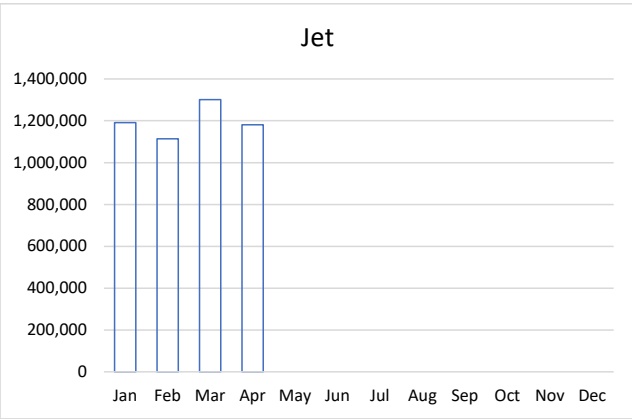
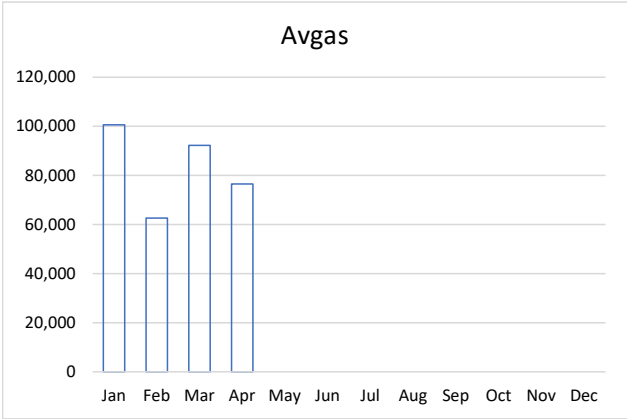
	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Totals
May 2021 - Apr 2022	5,958	6,394	6,233	4,789	3,123	4,007	5,059	5,260	5,560	4,256	5,623	5,856	62,118
May 2020 - Apr 2021	994	1,816	3,469	3,639	2,829	2,978	3,095	4,204	4,534	3,476	5,092	6,367	42,493



Date	Alert Level	Aircraft Type	Description
4/5/2022	II	Learjet 45	Overheating Engine
4/6/2022	I	Cessna 172 Skyhawk	Flat Nose Gear
4/7/2022	II	Grumman Tiger	Rough Running Engine
4/8/2022	I	Learjet 60	Loss of Directional Control
4/9/2022	I	Cessna 182 Skylane	Flat Left Main Gear
4/13/2022	II	Piper Cherokee	Partial Power Loss
4/14/2022	I	Learjet 60	Loss of Directional Control
4/16/2022	I	Cessna 172 Skyhawk	Flat Nose Gear
4/19/2022	II	Piper Navajo	Unsafe Landing Gear Indicator
4/26/2022	I	Piper Archer	Engine Stall During Takeoff Sequence
4/28/2022	II	Learjet 60	Unsafe Landing Gear Indicator

2022 Monthly Fuel Flowage (Gallons)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Avgas	100,626	62,631	92,249	76,527	0	0	0	0	0	0	0	0	332,033
Jet	1,191,192	1,113,825	1,301,201	1,180,925	0	0	0	0	0	0	0	0	4,787,143
Total	1,291,818	1,176,456	1,393,450	1,257,452	0	0	0	0	0	0	0	0	5,119,176



UPDATE ITEM C

DATE: May 26, 2022
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director
SUBJECT: April 2022 Arrearages



Rent

There are no arrearages to report.

Fuel Flowage

There are no arrearages to report.

UPDATE ITEM E. I.

DATE: May 26, 2022
TO: Aviation Advisory Board
FROM: Rufus A. James, Airport Director
BY: Jeri Pryor, Program Manager I
SUBJECT: FXE Box Wrap Project



FXE continues to celebrate its 75th Year Anniversary with utility box wraps around the perimeter of the Airport. These wraps are featuring colorful images captured by Jerry Wyszatycki from Avatar Productions, Inc.

Here is a sample of the *BEFORE* and *AFTER* box wrap.

