



JACKSON HOLE  
AIRPORT



# EMPLOYEE OF THE MONTH SEPTEMBER

• ...



# EMPLOYEE OF THE MONTH OCTOBER

• ...



# COMMUNITY OUTREACH

- NWAAAE Annual Conference in Boise, ID
  - Dustin Havel (Speaker)
  - Tyler Anderson (Moderator)





# COMMUNITY OUTREACH

- Staff Luncheon







# COMMENTS FROM TOWN OF JACKSON, TETON COUNTY, NATIONAL PARK SERVICE, AND PUBLIC



# Fly Quiet Program Quarterly Update

April 1, 2024 – June 30, 2024

2<sup>nd</sup> Quarter 2024 Update

And

July 1, 2024 – September 30, 2024

3<sup>rd</sup> Quarter 2024 Update



# 2024 Q2 & Q3 FLY QUIET PROGRAM

## Fly Quiet Goal

Encourage pilots to fly quieter aircraft and to utilize procedures that minimize noise over Grand Teton National Park as well as noise sensitive areas of our community.





# FLY QUIET PROGRAM OVERVIEW

Measures noise abatement goals/metrics and awards users that best achieve those goals\*

Continually redefines and expands noise reduction goals using multiple metrics and measures

- Expanded voluntary curfew hours in 2023
- Increased the penalty for curfew hour operations in 2024
- Added noise measurement results from new noise monitoring sites.

Local voluntary initiative; operator involvement is critical

Provides information to users on how to improve their operations

***\*The Fly Quiet Program applies to Commercial and General Aviation jet aircraft. Non-jet aircraft and helicopter operations are not part of the FQP but are addressed in other noise abatement programs such as the Voluntary Curfew.***



# FLY QUIET PROGRAM ELEMENTS AND BONUSES

ELEMENTS	Goal	Measure
<b>Fleet Quality</b>	Acknowledge/encourage operators to fly the quietest aircraft	<ul style="list-style-type: none"> <li>• FAA Aircraft Certificated Stage Noise Level</li> <li>• Stage 5 is highest</li> </ul>
<b>Minimize Higher Noise Events</b>	Minimize the highest aircraft noise events from individual overflights	<ul style="list-style-type: none"> <li>• Track high noise events per total events measured</li> <li>• Zero high events is the highest score (100%)</li> </ul>
<b>Minimize Non-Compliance of Voluntary Curfew</b>	Rated upon number of times an operation occurred during the voluntary curfew hours (9:30pm to 7:00am)	<ul style="list-style-type: none"> <li>• Number of flights in curfew hours</li> <li>• <u>Low score</u> is based upon <u>greater number</u> of curfew non-compliance</li> <li>• Zero non-compliance operations is the highest score (100%)</li> </ul>
<b>Flight Procedure Compliance</b>	Acknowledge/encourage operators to fly the three noise abatement procedures	<ul style="list-style-type: none"> <li>• Three procedures evaluated with results combined into one score</li> <li>• Rated on % of flights following procedure goal</li> <li>• Full compliance is the highest score for each of the following: <ul style="list-style-type: none"> <li>• <i>Flying NextGen arrival path vs. Conventional path</i></li> <li>• <i>Flying on or east of the NextGen arrival path</i></li> <li>• <i>Eliminating drift to the west when departing south</i></li> </ul> </li> </ul>
BONUSES	Goal	Measure
<b>Quiet Fleet Bonus</b>	Acknowledge/encourage operators that operate the very quietest aircraft	<ul style="list-style-type: none"> <li>• Aircraft that are at least 10 dB quieter than the Stage 5 standard. Up to 5 points for percent of fleet that is Stage 5+</li> </ul>
<b>Fly New Procedure Bonus</b>	Flying the new arrival procedure	<ul style="list-style-type: none"> <li>• Rated on the number of operations using the new procedure</li> <li>• 1-4 operations are awarded one point. 5 or more operations are awarded two points and so on (up to 5 bonus points)</li> </ul>



# FLY QUIET SCORING

- Scoring System

- Results based on a 0-100 scoring system
- 100** is the best possible score with the potential for additional bonus points
- Each element is scored and weighted
- Overall best score is sum of the points for all four categories plus bonus points
- The highest scoring operations are rated as Top Tier and the lowest are rated as Low Tier
- To compare year over year results, past year Fly Quiet scores have been updated to reflect the most current scoring criteria

FLY QUIET RATING	FLY QUIET SCORE
FQ Top Tier	90-100+
FQ Compliant	70-89.9
FQ Low Tier	0-69.9

- Notifications and Acknowledgements

- All Fly Quiet Aircraft are scored and grouped in the categories below

- Operations are categorized by type of operator and number of operations

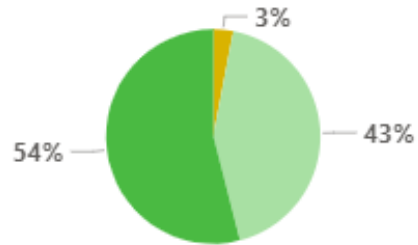
CATEGORY OF FLY QUIET AIRCRAFT OPERATOR	CLASSIFICATION BY NUMBER OF ANNUAL OPERATIONS*
Commercial and Regional Airlines	-Minimum of 48 annual operations (12 per quarter)
GA Fleet Operator (i.e. NetJets, fractional owners/fleets also referred to as Part 135)	-Operators with 48 or more annual operations (12 per quarter)  -Operators with between 16 and 47 annual operations (Between 6 and 12 per quarter)
GA Single Owner/Operator (i.e., N1234)	-Operators with 48 or more annual operations (12 per quarter)  -Operators with between 16 and 47 annual operations (Between 6 and 12 per quarter)



# 2024 Q2 FLY QUIET OPERATIONS SUMMARY

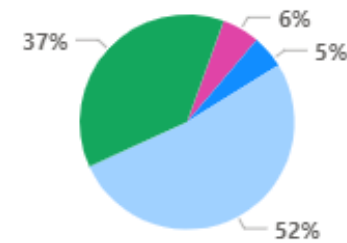
Percent GA Operations by FQ Tier

● FQ Low Tier ● FQ Compliant ● FQ Top Tier



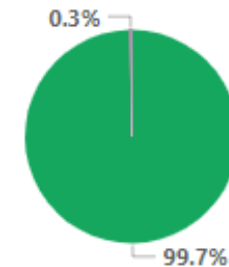
Percent GA Stage

● S3 ● S4 ● S5 ● S5+



Percent Curfew Operations

● Regular Hours ● Curfew Hours



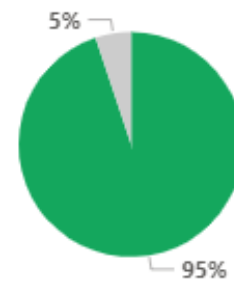
% FQ Aircraft Flying GPS vs CONV

● Compliant ● Non Compliant



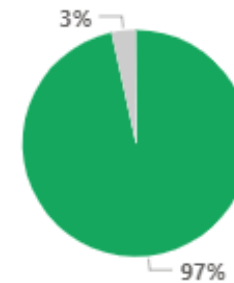
% FQ Aircraft on or East of GPS Procedure

● Compliant ● Non Compliant



% FQ Aircraft Departing So. Without Drift

● Compliant ● Non Compliant



Data is from the Airport's Noise Monitoring System and may not exactly match official FAA counts.

- Shows reduction in number of voluntary curfew hour operations.
- Continued improvement in flying flight procedure goals.
- Note: interim quarterly results show trends that may be influenced by seasonal conditions or short periods of irregular operations.

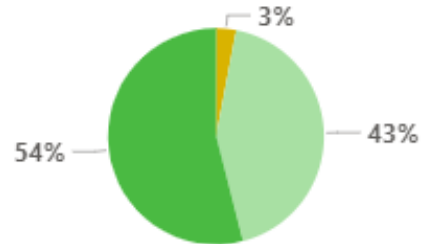




# 2024 Q3 FLY QUIET OPERATIONS SUMMARY

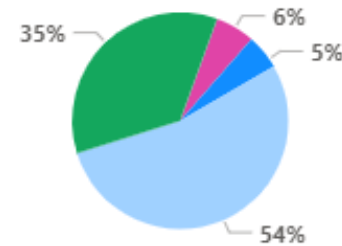
Percent GA Operations by FQ Tier

● FQ Low Tier ● FQ Compliant ● FQ Top Tier



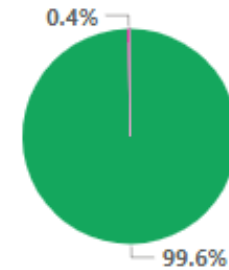
Percent GA Stage

● S3 ● S4 ● S5 ● S5+



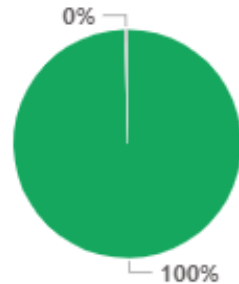
Percent Curfew Operations

● Regular Hours ● Curfew Hours



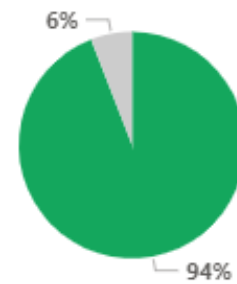
% FQ Aircraft Flying GPS vs CONV

● Compliant ● Non Compliant



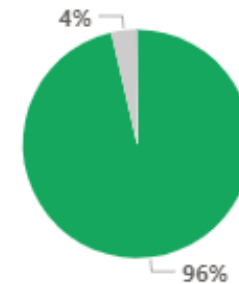
% FQ Aircraft on or East of GPS Procedure

● Compliant ● Non Compliant



% FQ Aircraft Departing So. Without Drift

● Compliant ● Non Compliant



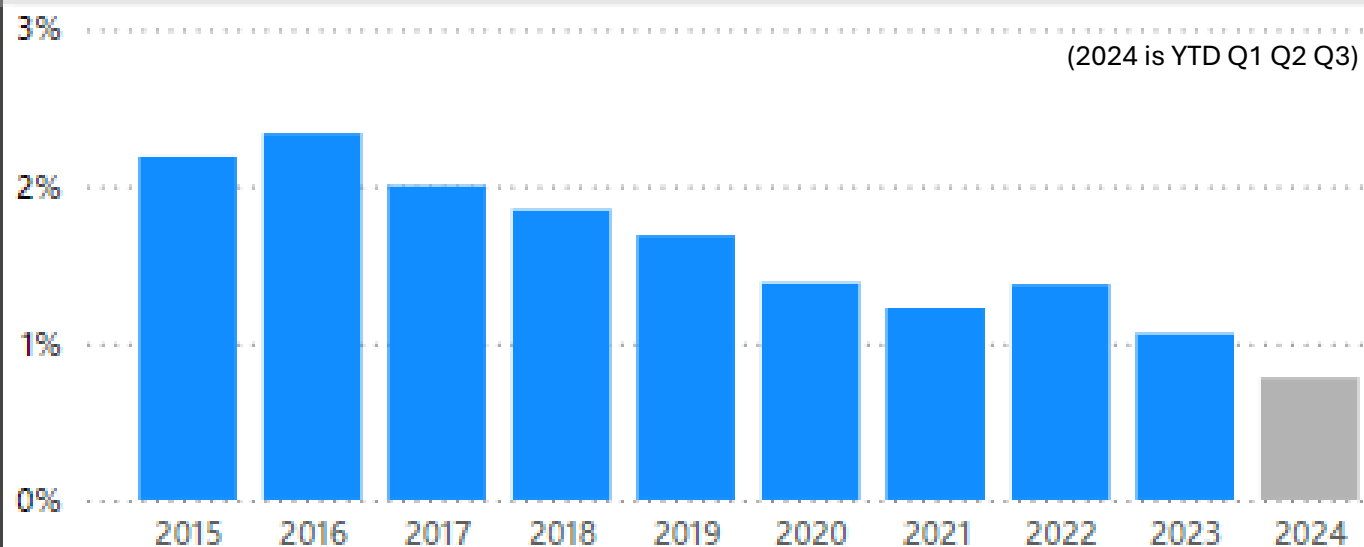
Data is from the Airport's Noise Monitoring System and may not exactly match official FAA counts.

- Shows reduction in number of voluntary curfew hour operations.
- Continued improvement in flying flight procedure goals. Note Summer compliance lower than winter.
- Note: interim quarterly results show trends that may be influenced by seasonal conditions or short periods of irregular operations.

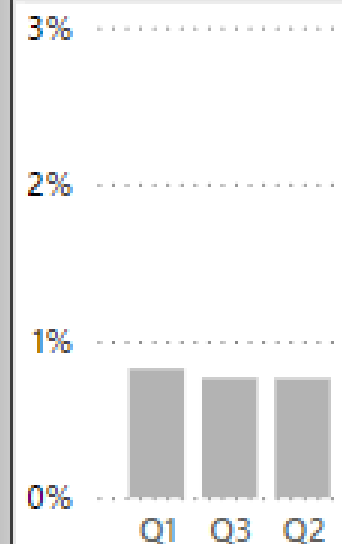


# 2024 Q1 Q2 Q3 FLY QUIET PROGRAM TRENDS CURFEW HOURS OPERATIONS

Percent FQ Aircraft Operating in Expanded Curfew Hours



2024





# 2024 Q1 Q2 Q3 FLY QUIET PROGRAM TRENDS

## CURFEW HOURS OPERATIONS

Note: Past year Fly Quiet scores have been updated to reflect the most current scoring criteria.

### FLY QUIET SCORE FOR OPERATORS WITH HIGHEST NUMBER OF OPERATIONS

Operator	Operator Name	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
EDG	Jet Edge	35.9	67.1	85.7	95.6	69.0	81.1	73.6	78.5	80.9	87.5
EJA	NetJets Aviation	69.0	71.3	82.6	83.7	83.2	83.2	84.1	86.8	89.1	91.2
EJM	Executive Jet Management	71.7	69.5	77.5	80.2	88.4	83.9	77.8	75.8	77.8	86.5
LXJ	Bombardier FlexJet	68.7	73.3	80.0	83.5	80.9	82.8	83.5	83.8	85.3	87.4
OPT	Flight Options	72.0	70.5	87.0	86.3	86.6		77.9		90.4	88.3
TTE	Avcenter	54.1	46.4	68.0	64.5	59.1	48.1	67.8	58.4	80.7	71.3
XOJ	XOJet	84.4	86.7	92.6	93.1	80.7	94.6	87.9	99.3	103.3	99.6

### 2024 Q1 & Q2 & Q3

Operator	Operator Name	Q1	Q2	Q3
EDG	Jet Edge	87.9	92.7	
EJA	NetJets Aviation	94.7	89.6	95.7
EJM	Executive Jet Management	89.6	83.7	88.6
LXJ	Bombardier FlexJet	85.1	94.9	94.8
OPT	Flight Options	87.1	77.9	97.2
TTE	Avcenter	81.9	87.8	61.2
XOJ	XOJet	105.0	98.3	98.5

### FLY QUIET RATING

### FLY QUIET SCORE

FQ Top Tier 90-100+

FQ Compliant 70-89.9

FQ Low Tier 0-69.9

### CURFEW OPERATIONS DURING NEW EXPANDED HOURS (9:30PM TO 7:00 AM)

Operator	Operator Name	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
EDG	Jet Edge	4	0	2	0	2	0	2	1	3	0
EJA	NetJets Aviation	51	57	50	55	39	28	55	51	28	8
EJM	Executive Jet Management	2	3	6	6	0	1	3	5	4	1
LXJ	Bombardier FlexJet	7	11	18	14	22	16	28	31	28	14
OPT	Flight Options	13	10	5	7	6		0		0	0
TTE	Avcenter	4	5	7	13	19	9	2	4	0	3
XOJ	XOJet	2	2	2	2	4	0	3	0	0	0

### 2024 Q1 & Q2 & Q3

Operator	Operator Name	Q1	Q2	Q3
EDG	Jet Edge	0	0	
EJA	NetJets Aviation	2	5	1
EJM	Executive Jet Management	1	0	0
LXJ	Bombardier FlexJet	12	1	1
OPT	Flight Options	0	0	0
TTE	Avcenter	0	0	3
XOJ	XOJet	0	0	0

### 1. 2024 Extrapolated 2. to Full Year

Operator	2024
EDG	0
EJA	11
EJM	1
LXJ	19
OPT	0
TTE	4
XOJ	0

Note: Counts for Curfew operations for 2024 is Q1 & Q2 & Q3 only. All other years reflect the whole year of operations

### PERCENT OF TOTAL OPERATIONS IN THE VOLUNTARY CURFEW PERIOD

Operator	Operator Name	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
EDG	Jet Edge	11.4%	0.0%	5.0%	0.0%	2.9%	0.0%	1.6%	0.6%	0.7%	0.0%
EJA	NetJets Aviation	2.8%	2.6%	2.5%	2.6%	1.7%	1.0%	1.5%	1.7%	0.8%	0.3%
EJM	Executive Jet Management	1.3%	1.3%	3.0%	2.6%	0.0%	0.4%	0.9%	1.4%	1.0%	0.3%
LXJ	Bombardier FlexJet	2.0%	1.5%	3.1%	2.1%	2.3%	1.1%	1.7%	2.3%	1.4%	0.9%
OPT	Flight Options	3.1%	2.8%	1.7%	2.7%	3.1%		0.0%		0.0%	0.0%
TTE	Avcenter	7.4%	5.1%	5.6%	8.7%	7.8%	7.8%	2.6%	2.5%	0.0%	2.2%
XOJ	XOJet	0.8%	0.7%	0.7%	0.9%	1.4%	0.0%	1.0%	0.0%	0.0%	0.0%

### 2024 Q1 & Q2 & Q3

Operator	Operator Name	Q1	Q2	Q3
EDG	Jet Edge	0.0%	0.0%	
EJA	NetJets Aviation	0.2%	0.7%	0.1%
EJM	Executive Jet Management	1.2%	0.0%	0.0%
LXJ	Bombardier FlexJet	2.2%	0.3%	0.1%
OPT	Flight Options	0.0%	0.0%	0.0%
TTE	Avcenter	0.0%	0.0%	3.8%
XOJ	XOJet	0.0%	0.0%	0.0%

(2024 is YTD Q1, Q2 & Q3)



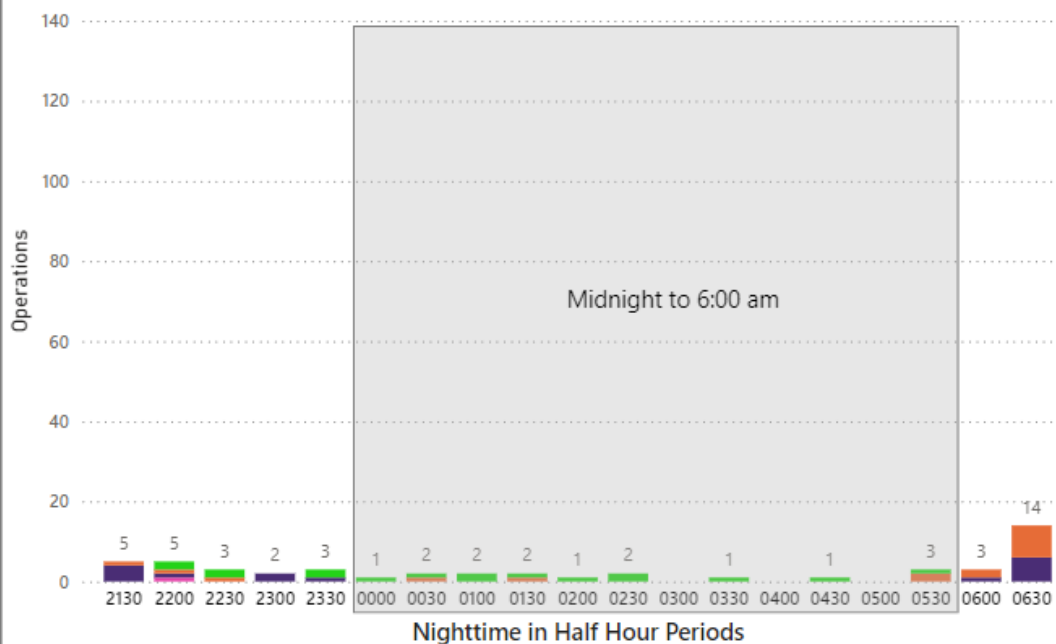
# 2024 Q2 CURFEW HOURS OPERATIONS INCLUDING FQ AND OTHER OPERATIONS

## Night Operations (Voluntary Curfew Hours)

2024 Q2

### Voluntary Curfew Operations by half hour periods

Aircraft Class ● Commercial ● General Aviation ● General Aviation Other ● Life Flight



### Voluntary Curfew Hours

#### General Aviation

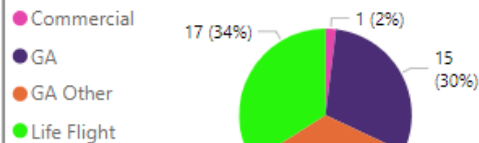
9:30 pm - 6:59 am for arrivals & departures

#### Commercial

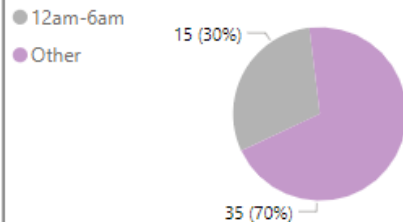
11:30 pm to 5:59 am for arrivals

10:00 pm to 5:59 am for departures

### Voluntary Curfew Operations by Aircraft Category

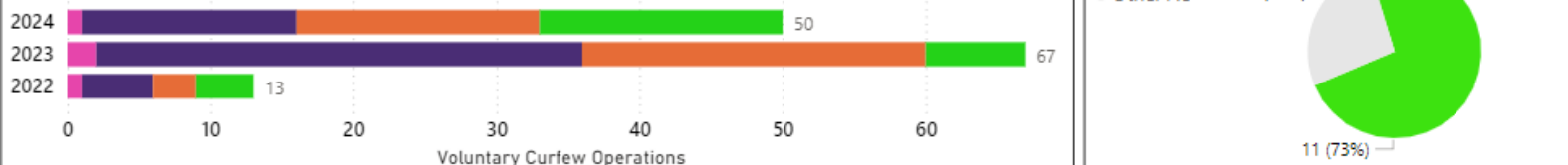


### Midnight to 6:00 am vs. Other Curfew Hours

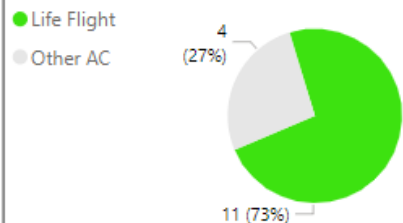


### Voluntary Curfew Operations by Aircraft Category

Aircraft Class ● Commercial ● General Aviation ● General Aviation Other ● Life Flight



### Life Flights (Midnight to 6:00 am)



- Life Flights Operations: Life Flights, all but one were propeller aircraft, account for 34% of curfew hours operations.
- Fly Quiet Aircraft Voluntary Curfew Operations: In Q2 2024, there was 1 Commercial and 15 GA operations in the expanded curfew hours – this is 0.5% of the total Commercial and GA operations.
- Other General Aviation Operations: Other General Aviation except the life flights (propeller piston, propeller turbo prop, helicopter, and VFR operations) accounts for 17 of the Voluntary Curfew hour operations, which is 34% of the nighttime operations; 4 of these operations occurred between midnight and 6am.
- Midnight to 6am: During this time period, there were no commercial and 1 GA operation. The majority of the curfew hour operations are during the shoulder hours.

For comparative purposes, data for prior years is 2nd quarter only





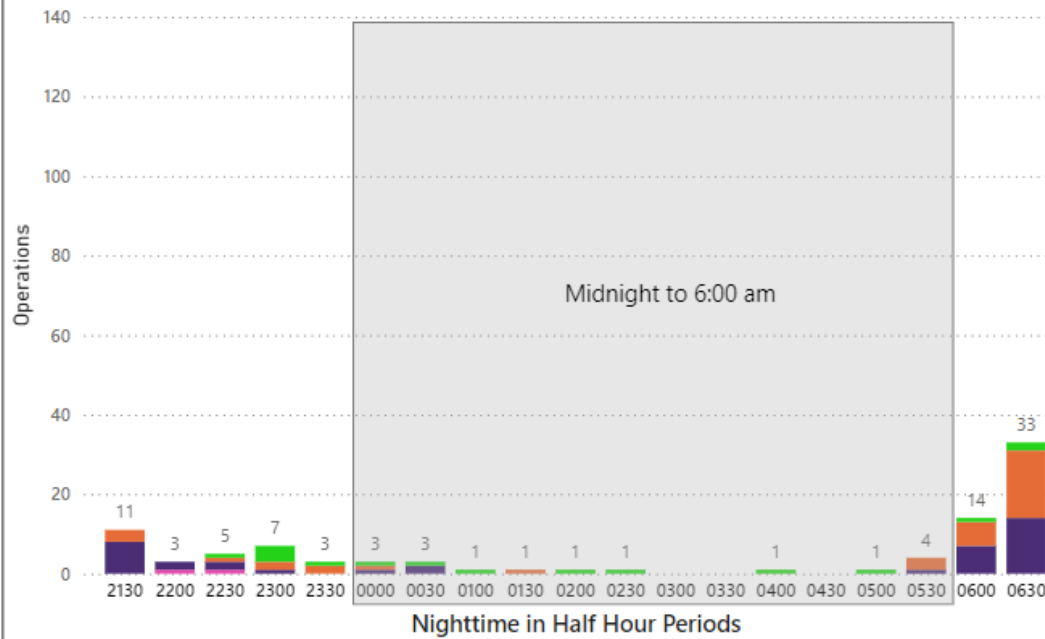
# 2024 Q3 CURFEW HOURS OPERATIONS INCLUDING FQ AND OTHER OPERATIONS

## Night Operations (Voluntary Curfew Hours)

2024 Q3

### Voluntary Curfew Operations by half hour periods

Aircraft Class ● Commercial ● General Aviation ● General Aviation Other ● Life Flight



### Voluntary Curfew Hours

#### General Aviation

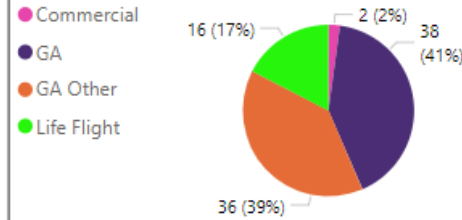
9:30 pm - 6:59 am for arrivals & departures

#### Commercial

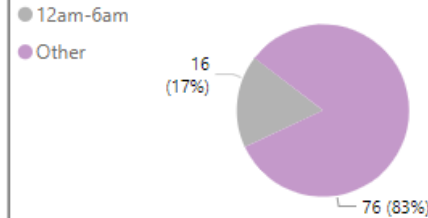
11:30 pm to 5:59 am for arrivals

10:00 pm to 5:59 am for departures

### Voluntary Curfew Operations by Aircraft Category

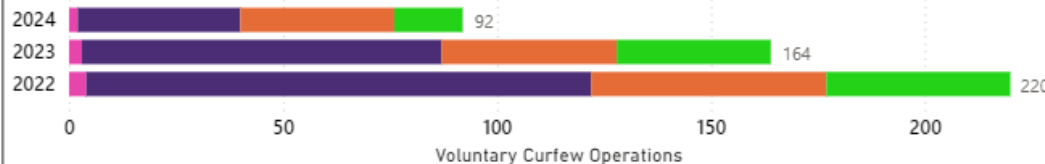


### Midnight to 6:00 am vs. Other Curfew Hours

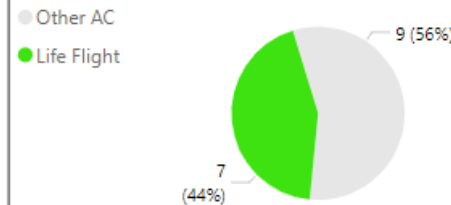


### Voluntary Curfew Operations by Aircraft Category

Aircraft Class ● Commercial ● General Aviation ● General Aviation Other ● Life Flight



### Life Flights (Midnight to 6:00 am)



- Life Flights Operations: Life Flights were propeller aircraft, account for 17% of curfew hours operations.
- Fly Quiet Aircraft Voluntary Curfew Operations: In Q3 2024, there was 2 Commercial and 38 GA operations in the expanded curfew hours – this is 0.5% of the total Commercial and GA operations.
- Other General Aviation Operations: Other General Aviation except the life flights (propeller piston, propeller turbo prop, helicopter, and VFR operations) accounts for 36 of the Voluntary Curfew hour operations, which is 39% of the nighttime operations; 9 of these operations occurred between midnight and 6am.
- Midnight to 6am: During this time period, there were no commercial and 1 GA operation. The majority of the curfew hour operations are during the shoulder hours.

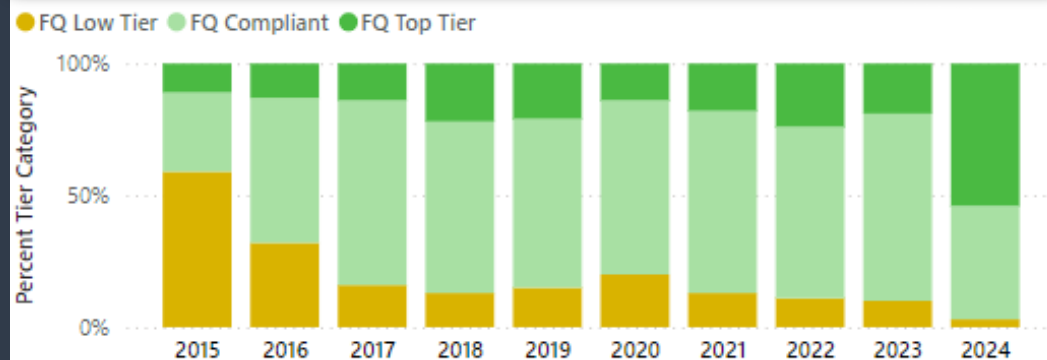
For comparative purposes, data for prior years is 3rd quarter only



# 2024 Q2 FLY QUIET PROGRAM TRENDS - OVERALL

## Overall Airport Fly Quiet Trends

Percent Total Operations by FQ TIER (2024 is YTD Q1 & Q2)



Note: Past year Fly Quiet scores have been updated to reflect current scoring criteria.

Noted Individual Improvements in 2024 Q2 over past periods

Category	Code	Operator	Improvement
Air Carrier	UAL	United Airlines	Reduced Curfew Hour Operations
GA Fleet	EJA	Flexjets	Reduced Curfew Hour Operations
	FTH	Mountain Aviation	
Single Operator	N307GP	Air Cashmere	Reduced Curfew Hour Operations and High Noise Events

- 2024 Q2 showed a trend of improvement in individual and overall scores.
- GA Top Tier operations:
  - 2024 Q2: 60%
  - 2023 Q2: 24%
  - 2015 Q2: 11%

## Top Scoring Operators 2024 Q2

Air Carrier			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score
DAL	Delta Air Lines	604	86.2
UAL	United Airlines	877	82.4
AAL	American Airlines	411	75.8
SKW	Skywest Airlines	380	74.4
ASA	Alaska Airlines	6	74.2

Large GA Fleet Operator			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score
OPN	K&R Aviation	15	103.1
XSR	Airshare	15	99.9
FTH	Mountain Aviation	121	98.8
XOJ	XOJet	14	98.3
FFL	Foreflight	18	98.3

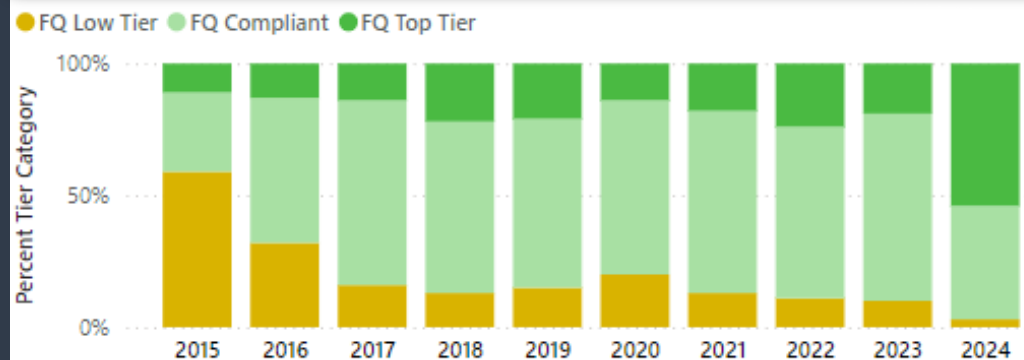
Large GA Single Operator			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score
N482PG	ROGER ROGER LLC	21	104.0
N124MV	RC Aviation, LLC	26	95.9
N900BC	CSMS Management, LLC	16	95.4
N560TW	T.W. Lewis Aviation, LLC	15	93.3
N101WY	State of Wyoming - Dept. ...	15	88.2



# 2024 Q3 FLY QUIET PROGRAM TRENDS - OVERALL

## Overall Airport Fly Quiet Trends

Percent Total Operations by FQ TIER (2024 is YTD Q1 & Q2 & Q3)



Note: Past year Fly Quiet scores have been updated to reflect current scoring criteria.

Noted Individual Improvements in 2024 Q3 over past periods

Category	Code	Operator	Improvement
Air Carrier	UAL	United Airlines	Reduced Curfew Hour Operations
GA Fleet	LXJ	Flexjets	Reduced Curfew Hour Operations
	HRA	Hera Flights	Quieter Fleet
Single Operator	N101WY	State of Wyoming	Improved Following Procedures
	N102WY	State of Wyoming	Improved Following Procedures

- 2024 Q3 showed a trend of improvement in individual and overall scores.
- GA Top Tier operations:
  - 2024 Q3: 62%
  - 2023 Q3: 24%
  - 2015 Q3: 11%

## Top Scoring Operators 2024 Q3

Air Carrier			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score
UAL	United Airlines	1,492	82.6
DAL	Delta Air Lines	703	81.6
ASA	Alaska Airlines	21	80.8
SKW	Skywest Airlines	562	77.0
AAL	American Airlines	843	71.7

Large GA Fleet Operator			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score
HER	Hera Flight	14	103.6
PFT	Paragon Airways	17	100.6
TIV	Thrive Aviation	38	100.5
CYO	Air Transport (ATI Jet)	40	99.7
KOW	Baker Aviation	28	98.4

Large GA Single Operator			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score
N482PG	ROGER ROGER LLC	21	105.0
N894KS	KS Air Charter, LLC	35	105.0
N238SM	Excel Leasing, LLC	14	100.0
N253XS	XS Air, LLC	14	100.0
N492CA	Cava, LLC	15	100.0



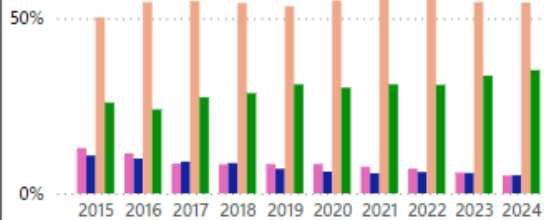
# 2024 Q1 Q2 Q3 FLY QUIET PROGRAM TRENDS INDIVIDUAL ELEMENTS

## Fleet Quality (2024 is YTD Q1 & Q2 & Q3)

### GA Percent Stage Certification

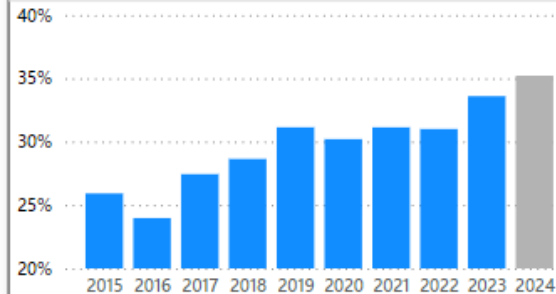
Percent GA Aircraft by Noise Stage

● Stage 3 ● Stage 4 ● Stage 5 Regular ● Stage 5 Plus

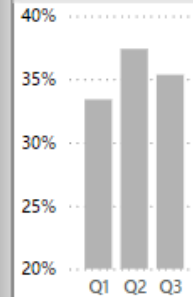


### Percent GA Stage 5+ (10 dB better than Stage 5)

Percent GA Aircraft are Stage 5 Plus



2024

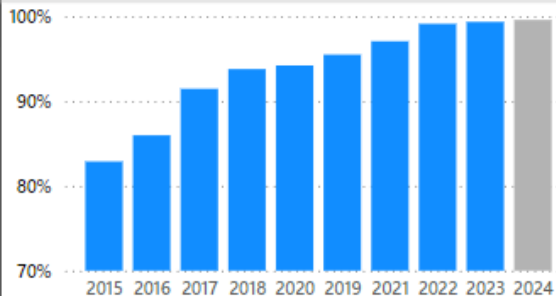


- Aircraft fleet quality has improved due to older, louder GA aircraft replaced with newer, quieter aircraft
  - In 2015, 80% of GA were Stage 5
  - In YTD 2024, 94% of GA were Stage 5
- All flight procedure measures showed improvement over the past years.
- The use of the new arrival procedure is low, but continues to increase year over year

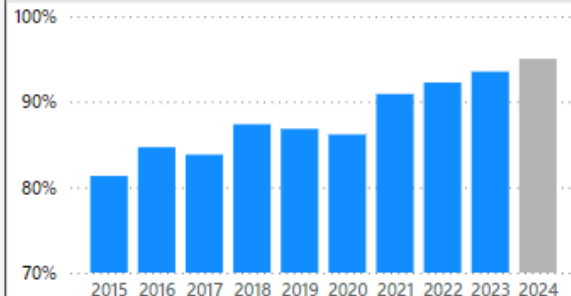
## Flight Procedure Compliance (2024 is YTD Q1 & Q2 & Q3)

### Flight Procedures Compliance

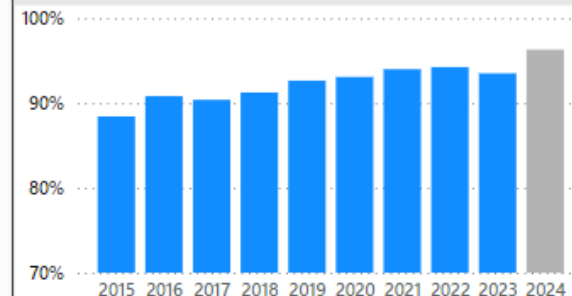
Percent FQ Aircraft Flying GPS vs CONV



Percent FQ Aircraft on or East of GPS Procedure

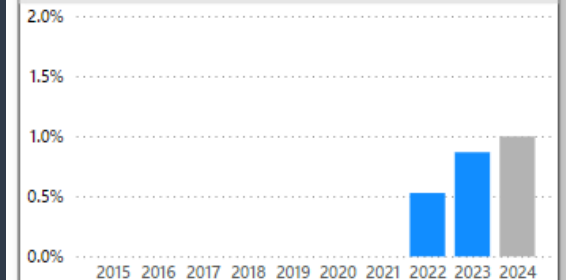


Percent FQ Aircraft Departing So. Without Drift



### Percent New Arrival Procedure Use

Per. So. Arrivals of FQ Aircraft on New Procedure







# Planned 2024 Activities

- Promote Top Tier operators
- Continue to work with Low Tier operators to improve score
- Contact operators that continue to have curfew hour operations
- Outreach to operators each quarter with performance metrics
- Advertise and promote Fly Quiet Top Tier operators in national industry publications



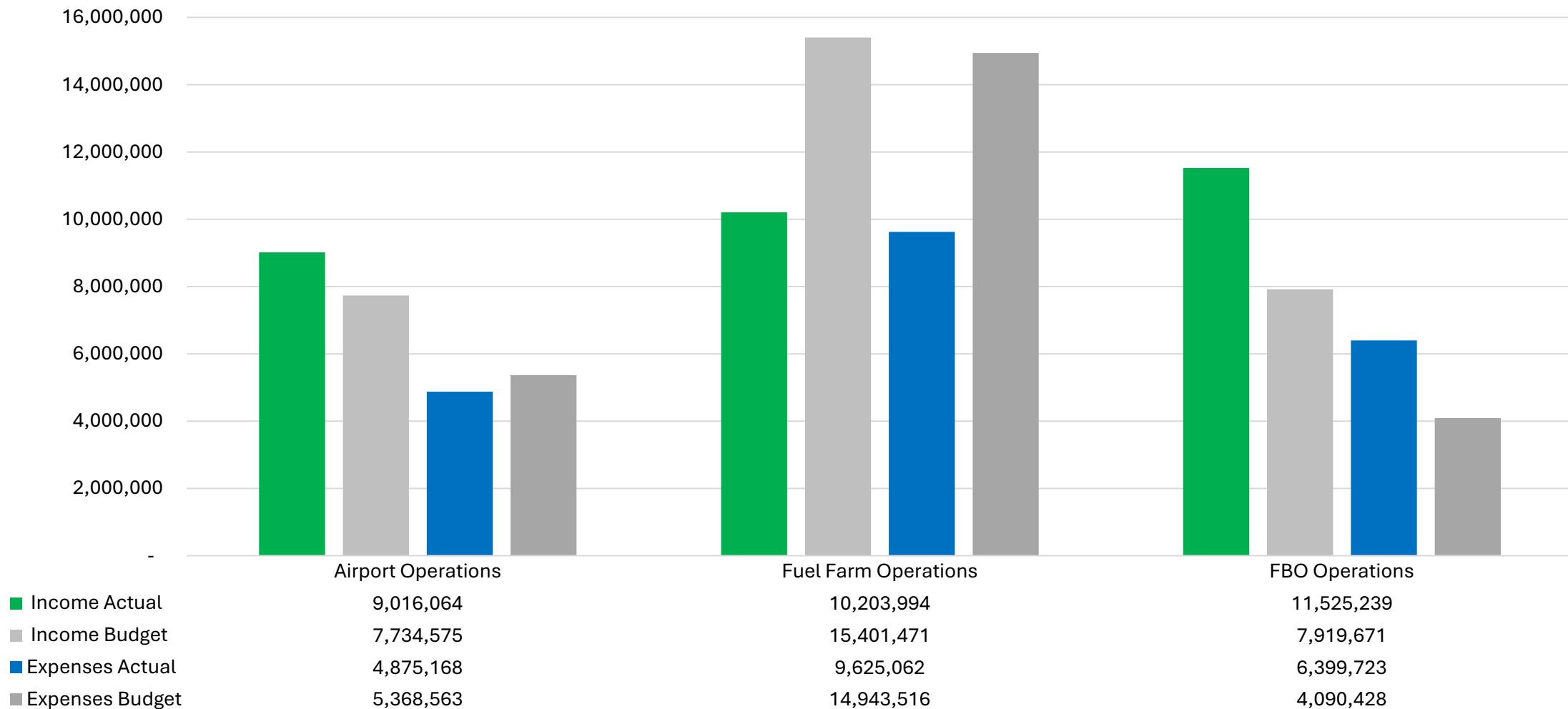
# CONSENT AGENDA

1. Approval of the Minutes
  - a. June 21, 2024 Regular Meeting
  - b. September 12, 2024 Special Meeting
2. Transportation Security Clearinghouse Services Agreement
3. Series 2024A Bond Resolution Amendment
4. Mead and Hunt On-Call Environmental Consulting Agreement 9<sup>th</sup> Amendment



# INCOME/EXPENSE

## JULY 1, 2024 – SEPTEMBER 30, 2024





# KEN GARFF CHEYENNE VEHICLE PURCHASE AGREEMENTS

- Ford Ranger (1 of 2) - \$50,070
- Ford Ranger (2 of 2) - \$55,883
- F150 Lightning – \$73,094
- Ford 550 Truck Chassis - \$72,382





## KLJ ENGINEERING OWNER'S REPRESENTATIVE AGREEMENT – AMENDMENT 2

- Extends the period during which KLJ Engineering will provide Owner's Representative Services for the Administration and FBO Building Project through April 30, 2026
- Not to Exceed amount of \$293,900

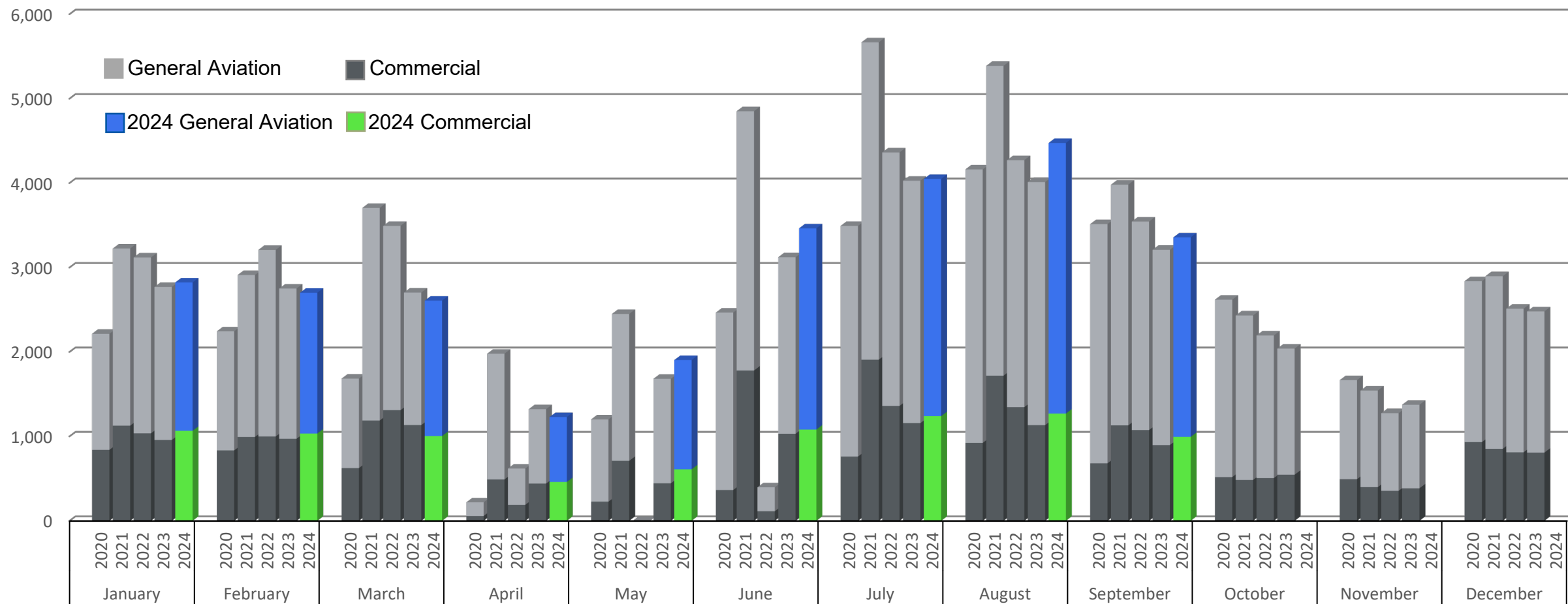


# DIRECTOR'S COMMENTS



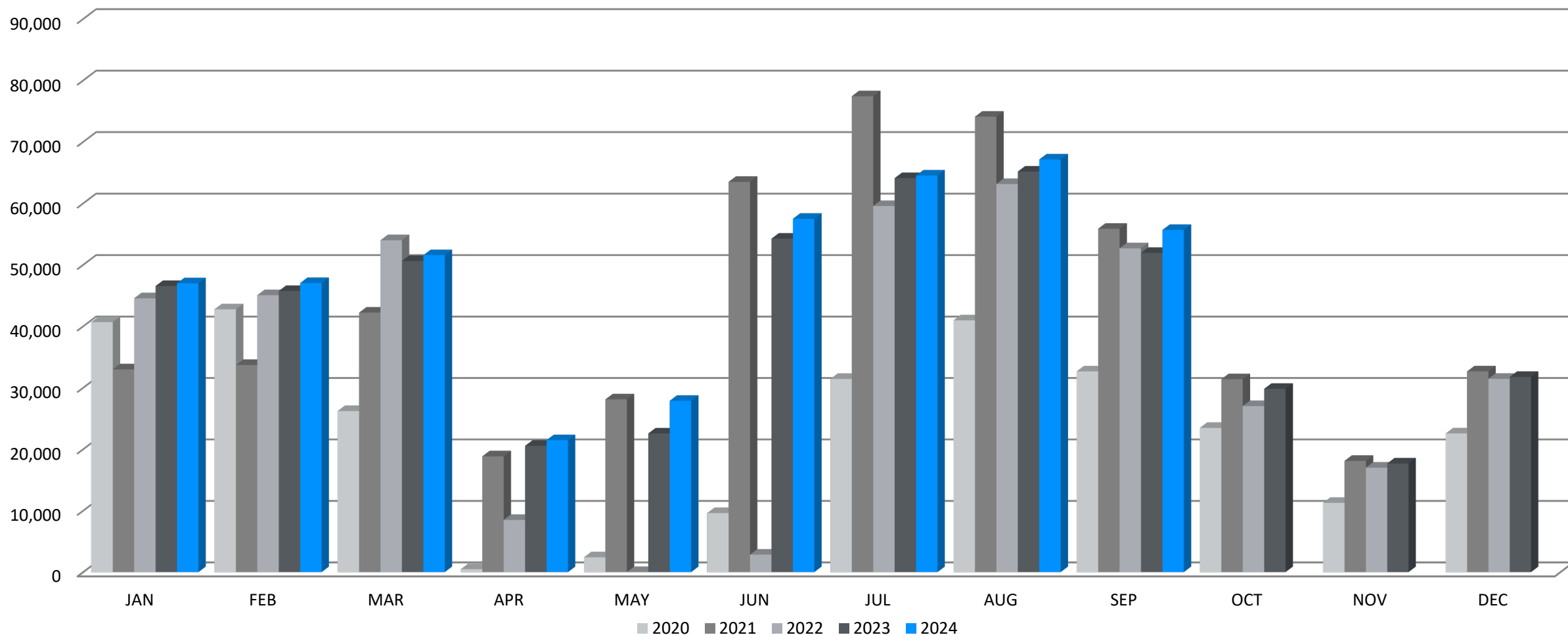


# JAC OPERATIONS 2020-2024





# JAC ENPLANEMENTS 2020 - 2024





# NWAAAE 2024 AVIATION EXCELLENCE AWARD







# OPERATIONS/FBO/SECURITY UPDATES







# BOARD COMMENTS AND PROPOSED MEETING DATES

- December 18, 2024
- February 3<sup>rd</sup>, 2025\*
- March 5, 2025 (Budget Workshop)
- March 17, 2025
- April 7, 2025 (Budget Workshop)
- April 16, 2025
- June 18, 2025
- June 18 – 20, 2025 (Board Retreat)
- August 20, 2025
- October 15, 2025
- December 17, 2025

\*Moved from 3<sup>rd</sup> Wednesday of the month.

Dates are subject to change. Please refer to the Airport website for the latest information.



