



EMPLOYEE OF THE MONTH

• May –



EMPLOYEE OF THE MONTH

• Clair Holden-



• Eco Fair





• Best of the West Parade – First Place





 Congratulations on your retirement Martha Preston! Thank you Contractors!





• Touch-a-Truck





Memorial Day





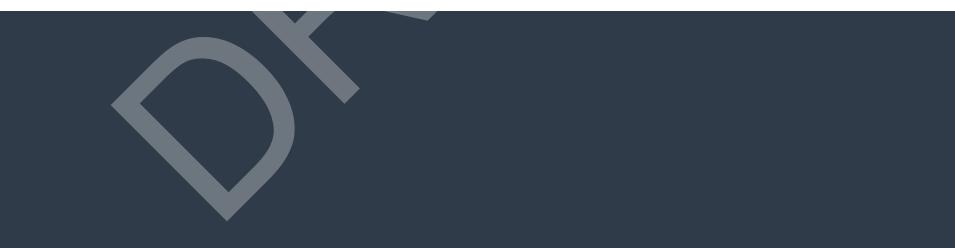
COMMENTS FROM TOWN OF JACKSON, TETON COUNTY, NATIONAL PARK SERVICE, AND PUBLIC





PRESENTATION

LOWER VALLEY E N E R G Y



ACA Emissions Analysis, Net Zero Roadmap, and DarkSky Certification Updates

> Jackson Hole Airport June 19, 2024



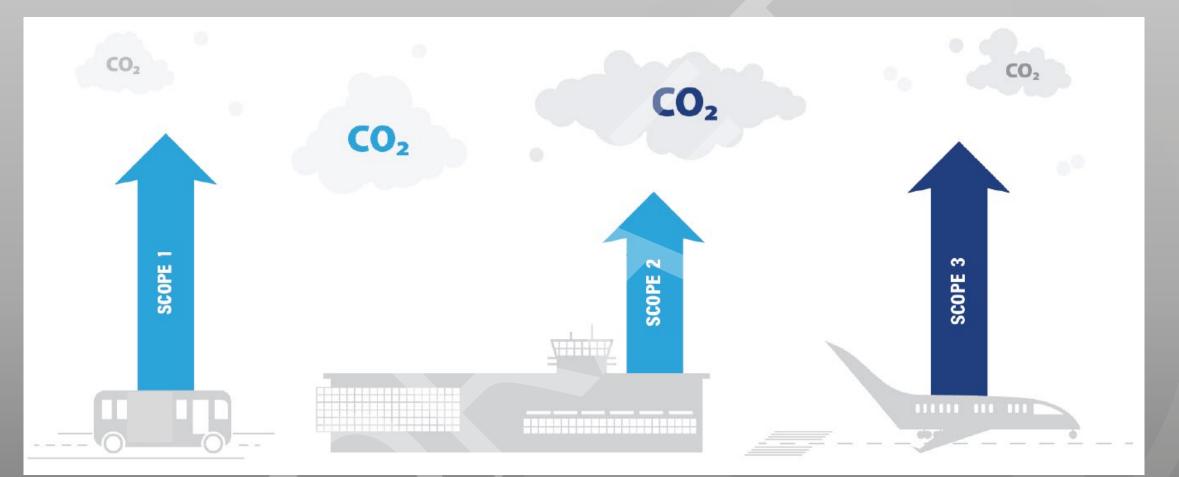








Scopes of Emissions



Scope 1 Emissions Airport-owned facility emissions Airport-owned vehicles

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Scope 2 Emissions Purchased energy Purchased heating/cooling Scope 3 Emissions Tenant emissions, passenger vehicles, aircraft emissions, waste disposal and processing



Airport Carbon Accreditation Program

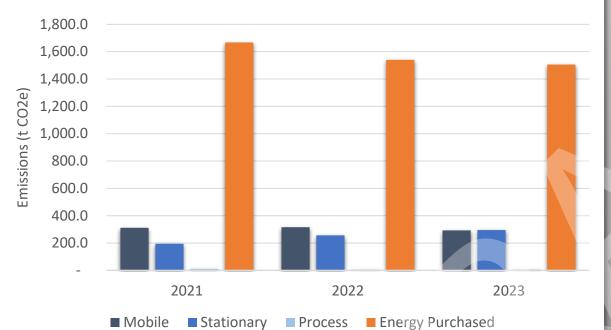
Levels of ACA & Emissions Scopes Considered

Graphic credit: Airport Carbon Accreditation Guidance Manual with modifications by Mead & Hunt



	I	Level 3+ Level 3 + offsetting of residual Scope 1 & 2 emissions + business travel	Level 4+ Level 4 + offsetting of residual Scope 1 & 2 emissions + business travel	
Level 1 Carbon footprint & policy	Level 2 Emissions reduction target, carbon management plan, & annual reductions	Level 3 Engagement of 3 rd parties & measurement of their emissions	Level 4 Absolute emissions reductions in line with the Paris Agreement + Enhanced 3 rd party engagement	Level 5 Net Zero* on Scope 1 & 2 emissions + Roadmap to Net Zero on Scope 3 Investment in offset removals
				*Minimum 90% reduction of Scope 1 & 2.
Scor	pe 1 & 2	+ Select Scope 3 Sources	+ Extended Sco	ope 3 Sources

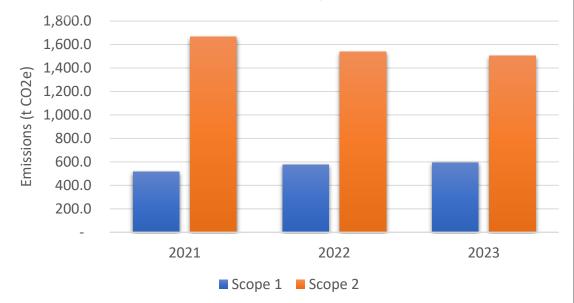
Emissions Breakdowns



Emission Source Breakdown

Scope Breakdown												
	Scope 1	Scope 2										
2021	516.5	<mark>1,667</mark> .1										
2022	577.1	1,539.8										
2023	594.2	1,505.7										

Emissions: Scopes 1 & 2



ACA Results and Next Steps

Calculations show reduction in emissions per passenger

Verification

- Updates to application
- Final Submittal

Net Zero Carbon Roadmap



Why Net Zero?

- Climate Mitigation and Environmental Stewardship
- Industry and Community Goals
 - FAA Climate Action Plan (2050)
 - Town of Jackson (2030)
 - Teton Climate Action Partnership (TCAP) (2030)



United States 2021 Aviation Climate Action Plan

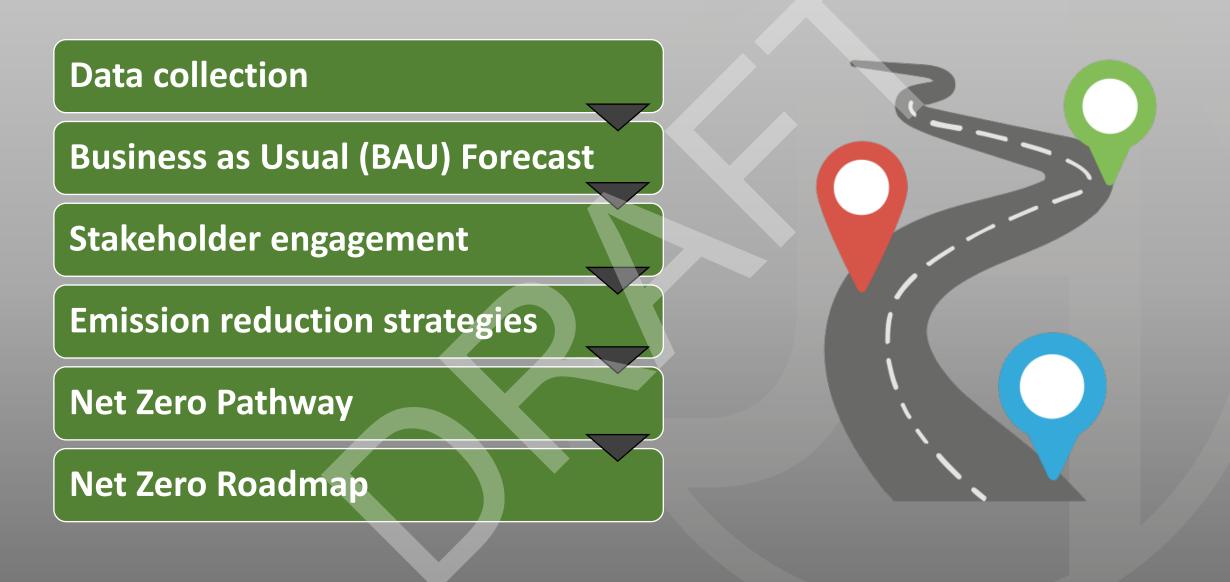
Overview

What is the Jackson Hole Airport Net Zero Carbon Roadmap?

An actionable strategy that will lead directly to implementing measures to reduce carbon emissions associated with the Jackson Hole Airport.



Net Zero Roadmap – Next Steps





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Roadmap for Pursuit of DarkSky Designation

Readman to Burgue Dark Sky Designation		2	023							20	024								2025								2026											
Roadmap to Pursue DarkSky Designation	Aug S	ept	Oct 1	Nov	Dec Ja	n Fe	b Ma	ar Ap	r Ma	y Jun	Jul	Aug Se	pt Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec J	Jan	Feb I	Mar	Apr	May	Jun	Jul /	Aug Se	pt Oct	t No	v Dec
Initial Inquiry																																						
Complete August '23																																						
Formal Application																																						
Average Timeframe 1-3 Years																																						
Draft Application																																						
Public Access Policy																																						
Lighting Management Plan																																						
Baseline SQMs																																						
Site Photography																																						
Lighting Retrofits														Y																								
Education and Outreach																																						
Application Review & Certification																																						
Average Timeframe 90-150 days																																						

Thank you



Fly Quiet Program Update & Annual Noise Report Summary

January 1, 2024 – March 31, 2024

2024 1st Quarter Update

Jackson Hole Airport June 2024



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Fly Quiet 2024 Q1 Program Update



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.



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Fly Quiet 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

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
Fleet Quality	Acknowledge/encourage operators to fly the quietest aircraft	 FAA Aircraft Certificated Stage Noise Level Stage 5 is highest
Minimize Higher Noise Events	Minimize the highest aircraft noise events from individual overflights	 Track high noise events per total operations Zero high events is the highest score (100%)
Minimize Non- Compliance of Voluntary Curfew	Rated upon number of times an operation occurred during the voluntary curfew hours (9:30pm to 7:00am)	 Number of flights in curfew hours Low score is based upon greater number of curfew non-compliance Zero non-compliance operations is the highest score (100%)
Flight Procedure Compliance	Acknowledge/encourage operators to fly the three noise abatement procedures	 Three procedures evaluated with results combined into one score Rated on % of flights following procedure goal Full compliance is the highest score (100%)
BONUSES	Goal	Measure
Quiet Fleet Bonus	Acknowledge/encourage operators that operate the very quietest aircraft	 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+
Fly New Procedure Bonus	Flying the new arrival procedure	 Rated on the number of operations using the new procedure 1-4 operations are awarded one point. 5 or more operations are awarded two points and so on (up to 5 bonus points)





Fly Quiet Scoring

Scoring System

- Results based on a 0-100 scoring system
- 100 is considered the best possible score with the potential for additional bonus points
- 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

Notifications and Acknowledgements

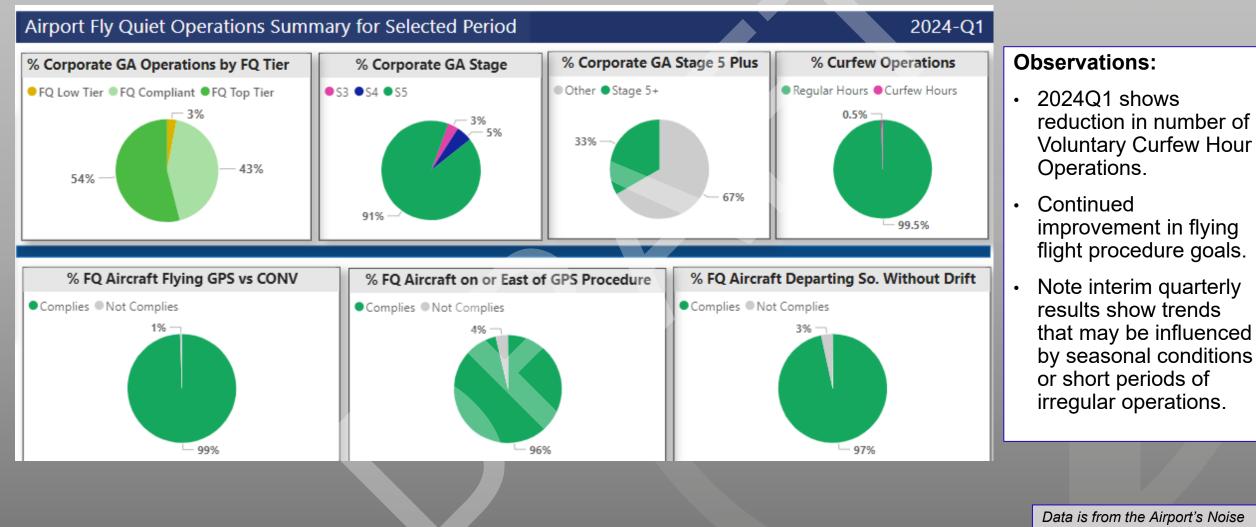
- Both Top Tier and Low Tier operators in each category below
- Operations are categorized by type of operator and number of operations

CATEGORY OF OPERATOR	CLASSIFICATION BY NUMBER OF ANNUAL OPERATIONS		
Commercial and Regional Airlines	Minimum of 12 operations	FLY QUIET RATING	FLY QUIET SCORE
GA Fleets	-Operators with between 8 and 29	FQ Top Tier	90-100+
(i.e. fractional owners/fleets also referred to as Part 135)	operations	FQ Compliant	70-89.9
	-Operators with 30 or more operations	FQ Low Tier	0-69.9
Single Owner/ Operator (i.e., N1234)	-Operators with between 8 and 29 operations -Operators with 30 or more operations		



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2024 Q1 Fly Quiet Operations Summary



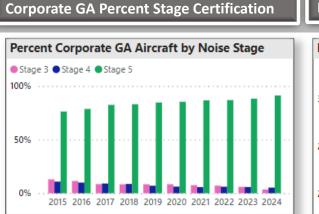
Data is from the Airport's Noise Monitoring System and may not exactly match official FAA counts.

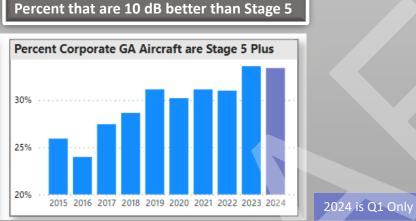




2024 Q1 Fly Quiet Program Trends – Individual Elements

Fleet Quality



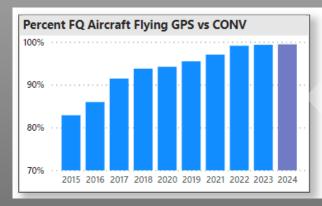


Notes:

- 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 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

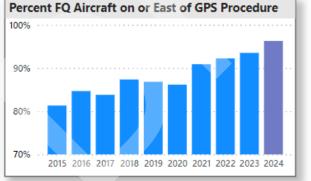
Flight Procedures Compliance (2015-2024 Q1)

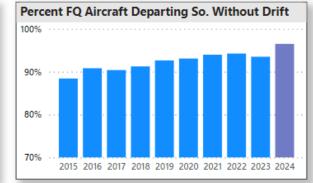


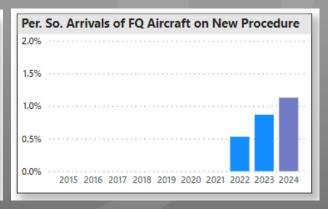
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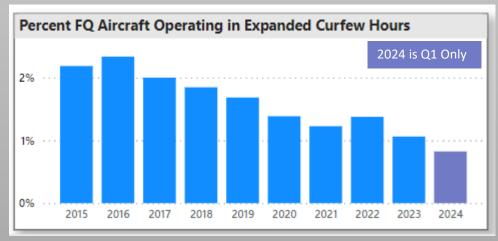




Percent New Arrival Procedure Use



2024 Q1 Fly Quiet Program Trends – Curfew Hours Operations



Observations

- During the first quarter, the number of Fly Quiet aircraft operations during the expanded voluntary curfew hours have decreased 48% over operations in the same hours for the 1st Quarter in 2023.
- While the Airport and the Fixed Based Operator have made considerable outreach efforts to minimize the Curfew hour operations many factors can contribute to this reduction.
- Seasonal trends including weather, operational events, and market demand can affect the results.
- Curfew hours operations account for 0.8 percent of operations for Corporate GA and 0.1 percent of the commercial operations.
- Multiple operators had reductions in Voluntary Curfew Hour Operations during 2024 Q1.

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

Note: Past year FQ scores have been updated to reflect the more stringent current scoring criteria.

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

	FLY QUIET SCORE FOR OPERATORS WITH HIGHEST NUMBER OF OPERATIONS											
l	Operator	Operator Name	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
1	E EDG	Jet Edge	35.9	67.1	85.7	95.6	69.0	81.1	73.6	78.5	80.9	87.9
	e eja	NetJets Aviation	69.0	71.3	82.6	83.7	83.2	83.2	84.1	86.8	89.1	94.7
	🗉 EIM	Executive Jet Management	71.7	69.5	77.5	80.2	88.4	83.9	77.8	75.8	77.8	89.6
		Bombardier FlexJet	68.7	73.3	80.0	83.5	80.9	82.8	83.5	83.8	85.3	85.1
L	🖯 OPT	Flight Options	72.0	70.5	87.0	86.3	86.6		77.9		90.4	87.1
	a tte	Avcenter	54.1	46.4	68.0	64.5	59.1	48.1	67.8	58.4	80.7	81.9
	B XOJ	XOJet	84.4	86.7	92.6	93.1	80.7	94.6	87.9	99.3	103.3	105.0

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
E 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	2
e ein	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	12
□ OPT	Flight Options	13	10	5	7	6		0		0	0
B TTE	Avcenter	4	5	7	13	19	9	2	4	0	0
⊟ XOJ	XOJet	2	2	2	2	4	0	3	0	0	0

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%	0.2%
🗆 EJM	Executive Jet Management	1.3%	1.3%	3.0%	2.6%	0.0%	0.4%	0.9%	1.4%	1.0%	1.2%
🗉 LXJ	Bombardier FlexJet	2.0%	1.5%	3.1%	2.1%	2.3%	1.1%	1.7%	2.3%	1.4%	2.2%
□ 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%	0.0%
🗉 ХОЈ	XOJet	0.8%	0.7%	0.7%	0.9%	1.4%	0.0%	1.0%	0.0%	0.0%	0.0%





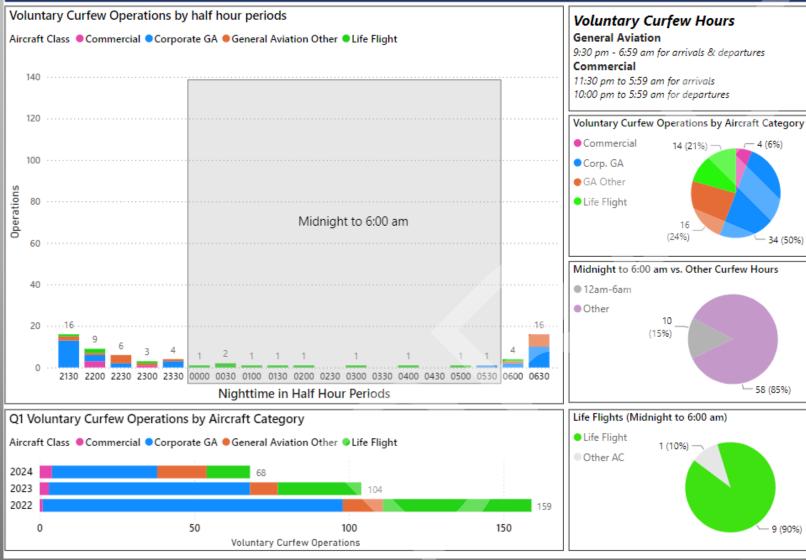
2024 Q1– Curfew Hours Operations – Including FQ and other Operations

Night Operations (Voluntary Curfew Hours)



Observations

- <u>Life Flights Operations</u>: Life Flights (all but one were propeller aircraft) account for 21% of Curfew Hours Operations.
- <u>FQ Aircraft Voluntary Curfew</u> <u>Operations:</u> In 2024, there were 4 Commercial and 35 Corporate GA operations in the expanded curfew hours – this is 0.5% of the total Commercial and Corporate GA operations.
- <u>Other General Aviation Operations:</u> Other General Aviation except the life flights (propeller piston, propeller turbo prop, helicopter, and VFR operations) accounts for 35 of the Voluntary Curfew hour operations, which is 47% of the nighttime operations; 4 of these operations occurred between midnight and 6am.
- <u>Midnight to 6am</u>: During the period from midnight to 6am there were no Commercial and 1 Corporate GA operations; The majority of the curfew hour operations are during the shoulder hours.

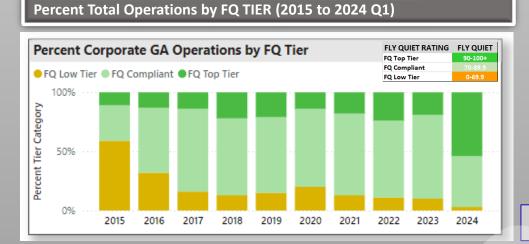


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2024 Q1 Fly Quiet Program Trends - Overall

Overall Airport Fly Quiet Trends



Category	Code	Operator	Improvement				
Air Carrier	UAL	United Airlines	Reduced Curfew Hour Operations				
All Carrier	ASA	Alaska Airlines	- Neutree Currew Hour Operations				
GA Fleet	EJA	NetJets	Reduced Curfey Hour Operations				
GAFIEEL	FTH	Mountain Aviation	Reduced Curfew Hour Operations				
Circular Oreconstant	NICOTOD	Air Cashmere	Reduced Curfew Hour Operations				
Single Operator	N307GP	Air Cashmere	and High Noise Events				

Note: Past year FQ scores have been updated to reflect current more restrictive scoring criteria.

Observations:

- 2024 Q1 showed a trend of improvement in individual and overall airport scores over past years.
- In 2024 Q1, 60% of Corporate GA Operations are in the Top Tier. In 2023 there were 54% while in 2015, there were 11%.

Top Scoring Operators 2024 Q1

Air Carrier

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	OPERATOR	OVERALL	
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score ▼
ASA	Alaska Airlines	134	90.9
DAL	Delta Air Lines	725	88.3
AAL	American Airlines	520	85.5
SKW	Skywest Airlines	539	84.1
UAL	United Airlines	1,250	83.9

Large GA Fleet

	OPERATOR	OVERALL	
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score ▼
UJC	Ultimate Air Shuttle	19	104.1
ASP	AirSprint	20	102.3
JTZ	Nicholas Air	18	101.9
FTH	Mountain Aviation	157	101.2
PXT	Pacific Coast Jet	18	100.6

Large Single Operator

OPERATOR			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score ▼
N54PV	Moss Lane Ventures, LLC	12	105.0
N124MV	RC Aviation, LLC	23	102.0
N482PG	ROGER ROGER LLC	19	101.2
N405PC	TIME 2 FLY LLC	18	98.0
N306MF	TAMKO Building Products,	16	95.3



Next Steps

- Planned 2024 Activities
 - Promote <u>Top Tier</u> operators
 - Continue to work with Low Tier operators to improve score
 - Contact operators that continue to have curfew operations
 - Outreach to operators each quarter with performance metrics
 - Advertise and promote Fly Quiet Top Tier operators with national industry publications





2023 Annual Noise Report

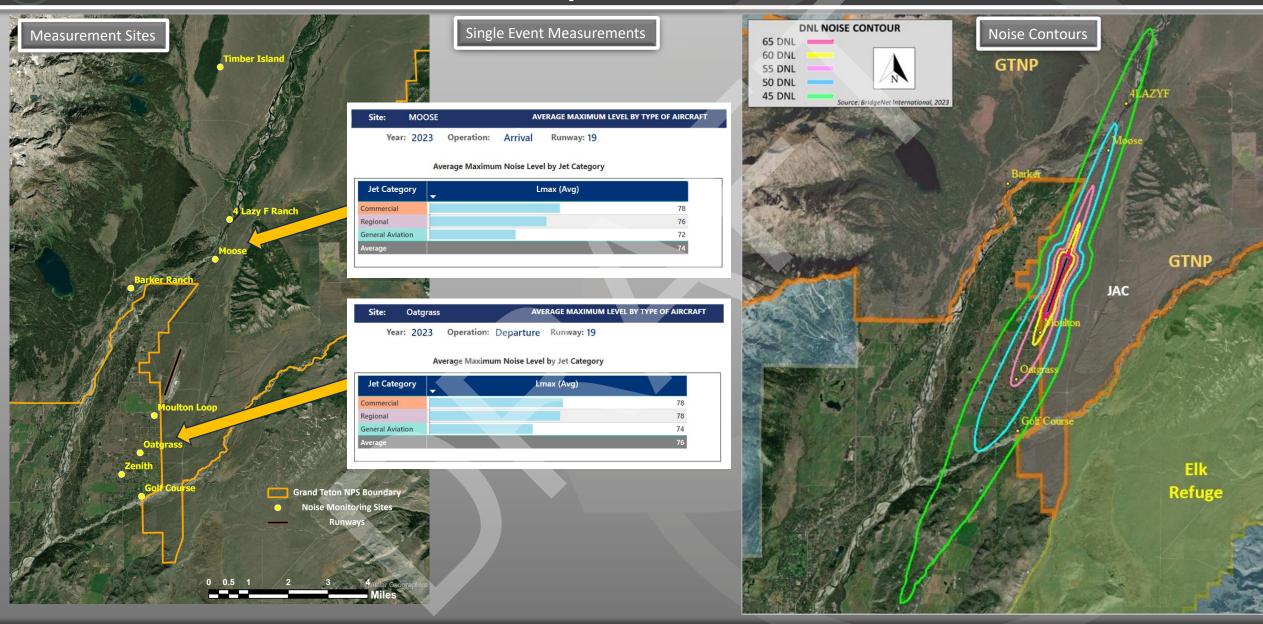
- Presents information on annual operational activity levels
- Presents noise measurement data results
 - Single Event
 - Long-term DNL
- Presents modeled contour results
- Identifies changes and trends
- Determines compliance with Use Agreement requirements
- Results show:
 - Airport is in compliance with Use Agreement noise limits in Grand Teton National Park (45 and 55 DNL limits)
 - Noise levels do not exceed FAA guidelines for residential land uses (65 DNL guideline)
- Report is on the Airport website







2023 Annual Noise Report Results





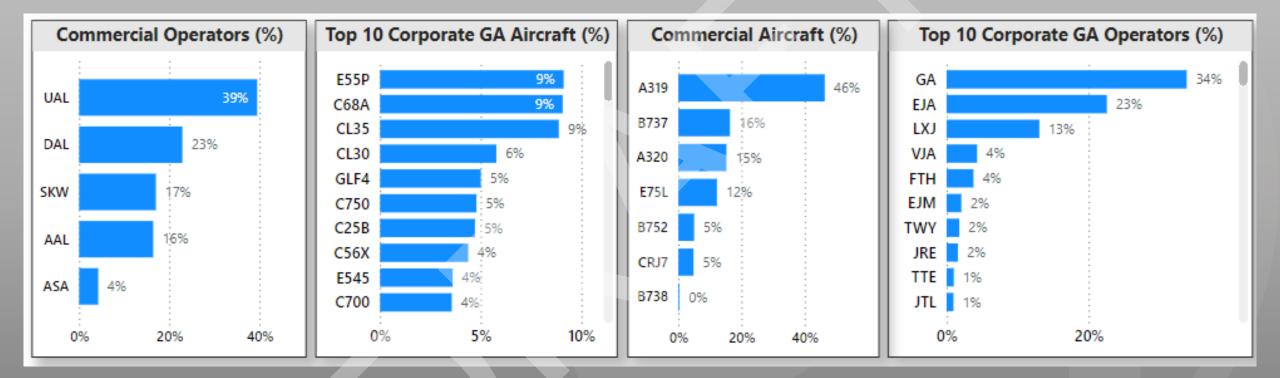


2024 Q1 Fly Quiet Operations Summary

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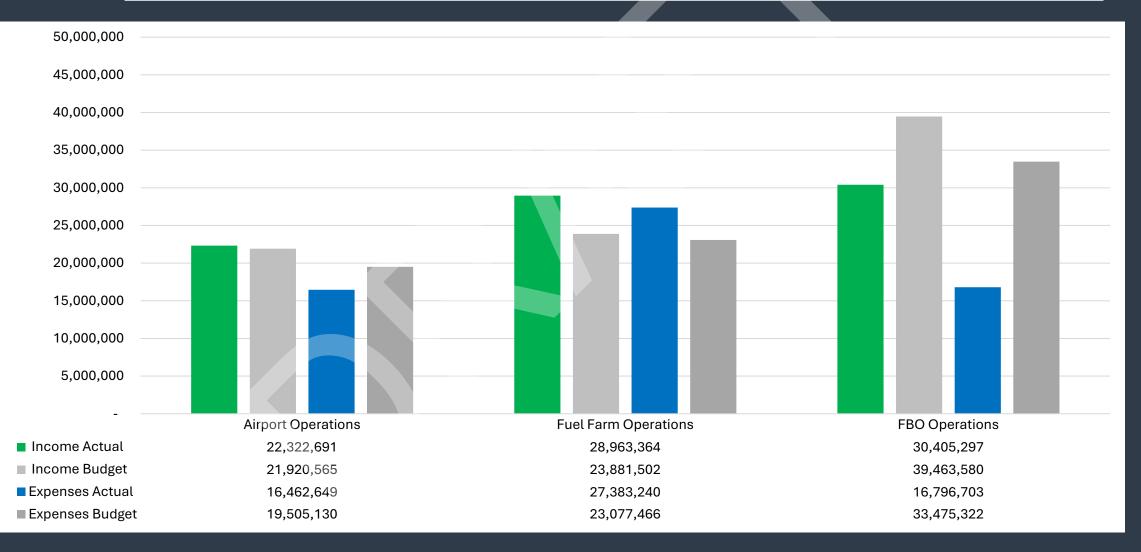


CONSENT AGENDA

- 1. Approval of the Minutes April 17, 2024 Regular Meeting
- 2. Equipment Purchase Network Tapping Equipment
- 3. Equipment Purchase MB2 Plow Truck
- 4. Equipment Purchase Overaasen RS 400 Broom
- 5. Resolution 2024-04 AIP 81 (Net Zero Carbon Roadmap Grant)



INCOME/EXPENSE FY2023/2024 JULY 1, 2023 – MAY 31, 2024





RESOLUTION 2024-03 ESTABLISHMENT OF FEES AND CHARGES

- Board established Fees and Charges annually following the adoption of the budget
- Changes for FY23-24 include:
 - Increased general aviation and airline landing fees
 - Increased airline space lease rates
 - Reduced number of peak dates for the public parking lot
 - Adjustment to security badge rates



WOOLPERT 13TH AMENDMENT DEICE PAD AND COLLECTION SYSTEM IMPROVEMENTS DESIGN AND CONSTRUCTION ADMINISTRATION AND MANAGEMENT

- Amendment to the Woolpert On-Call Engineering Services Agreement
- Design Services and Construction Administration and Management for the deice pad and collection system improvements
- Total cost of \$3,186,109

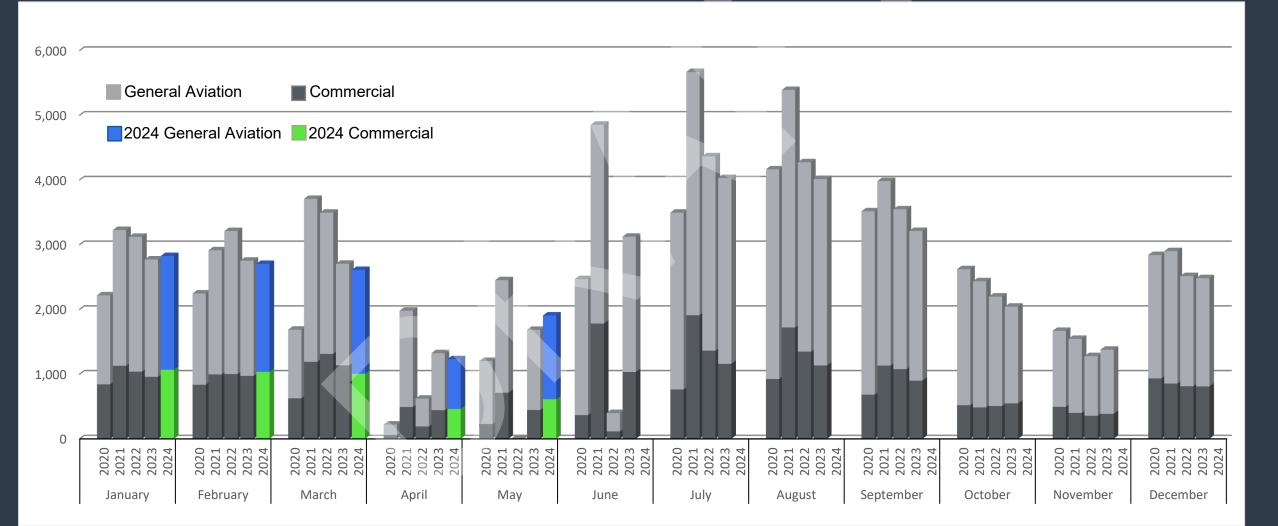


DIRECTOR'S COMMENTS



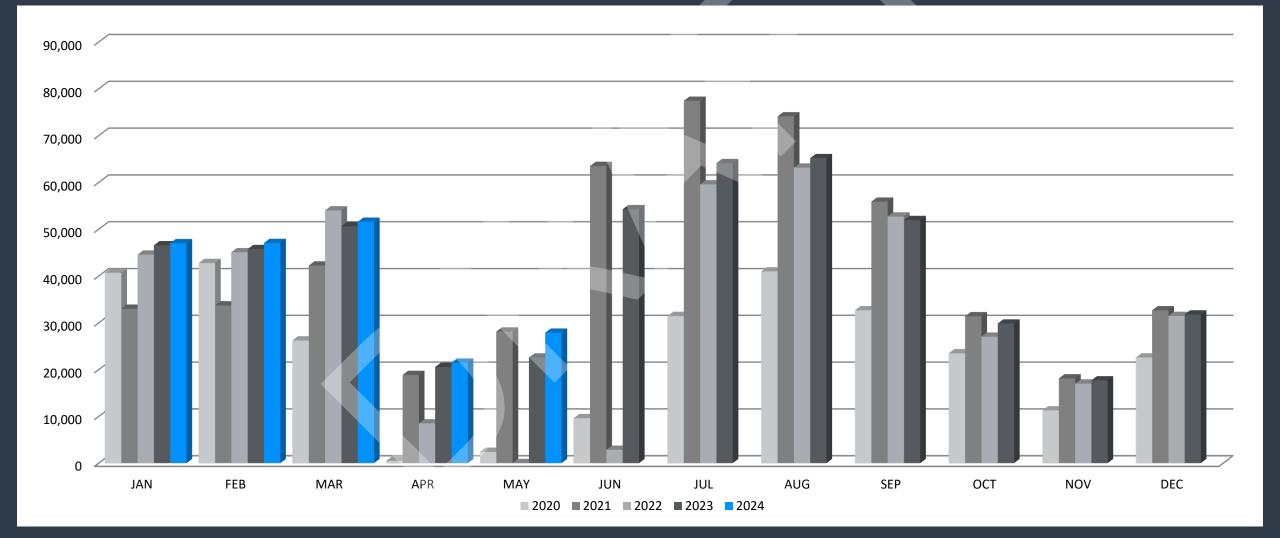


JAC OPERATIONS 2020-2024





JAC ENPLANEMENTS 2020 - 2024





OPERATIONS, SECURITY, AND FBO UPDATES





BOARD COMMENTS AND PROPOSED MEETING DATES

- Board Retreat June 19-20, 2024*
- August 21, 2024
- October 23, 2024*
- December 18, 2024

*Moved from 3rd Wednesday of the month.

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

