

Fly Quiet Program Update & Annual Noise Report Summary

January 1, 2024 – March 31, 2024
2024 1st Quarter Update





2024 Q1 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 additional sites including new Bar B Bar site for exceedance in 2024

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	<ul style="list-style-type: none"> • FAA Aircraft Certificated Stage Noise Level • Stage 5 is highest
Minimize Higher Noise Events	Minimize the highest aircraft noise events from individual overflights	<ul style="list-style-type: none"> • Track high noise events per total events measured • 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)	<ul style="list-style-type: none"> • Number of flights in curfew hours • <u>Low score</u> is based upon <u>greater number</u> 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	<ul style="list-style-type: none"> • Three procedures evaluated with results combined into one score • Rated on % of flights following procedure goal • Full compliance is the highest score for each of the following: <ul style="list-style-type: none"> • <i>Flying NextGen arrival path vs. Conventional path</i> • <i>Flying on or east of the NextGen arrival path</i> • <i>Eliminating drift to the west when departing south</i>
BONUSES	Goal	Measure
Quiet Fleet Bonus	Acknowledge/encourage operators that operate the very quietest aircraft	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 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**

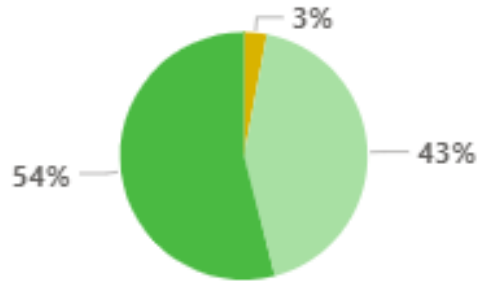
CATEGORY OF FLY QUIET AIRCRAFT OPERATOR	CLASSIFICATION BY NUMBER OF ANNUAL OPERATIONS*
Commercial and Regional Airlines	-Minimum of 48 or more annual operations (12 per quarter)
GA Fleet Operator (i.e. EJA, fractional owners/fleets also referred to as Part 135)	-Operators with between 16 and 48 annual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



2024 Q1 FLY QUIET OPERATIONS SUMMARY

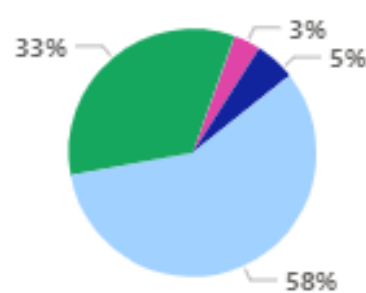
Percent GA Operations by FQ Tier

● FQ Low Tier ● FQ Compliant ● FQ Top Tier



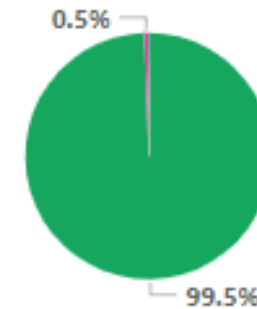
Percent GA Stage

● S3 ● S4 ● S5 ● S5+



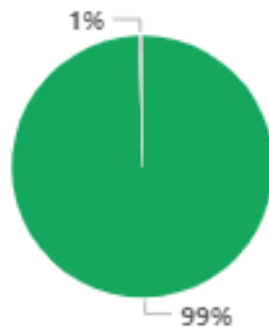
Percent Curfew Operations

● Regular Hours ● Curfew Hours



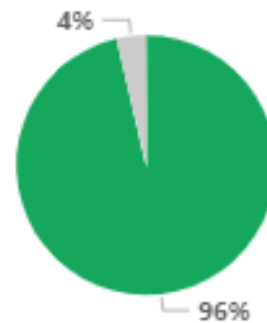
% FQ Aircraft Flying GPS vs CONV

● Compliant ● Non Compliant



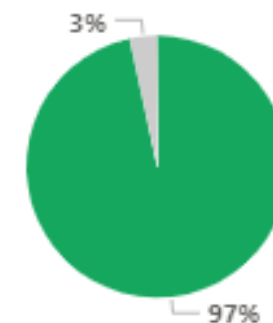
% FQ Aircraft on or East of GPS Procedure

● Compliant ● Non Compliant



% FQ Aircraft Departing So. Without Drift

● Compliant ● Non Compliant



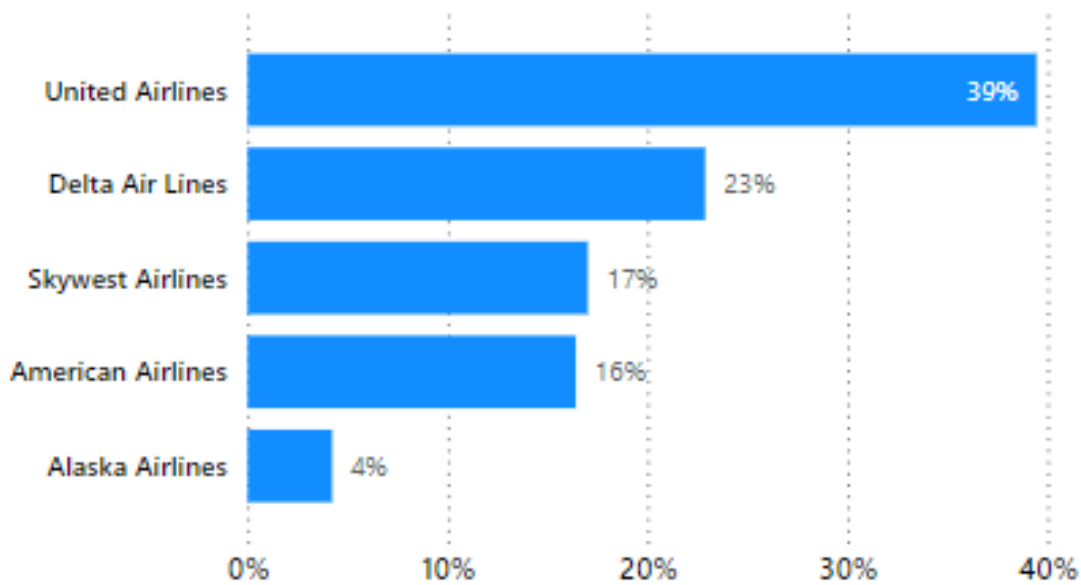
Data is from the Airport's Noise Monitoring System and may not exactly match official FAA counts.

- 2024 Q1 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.

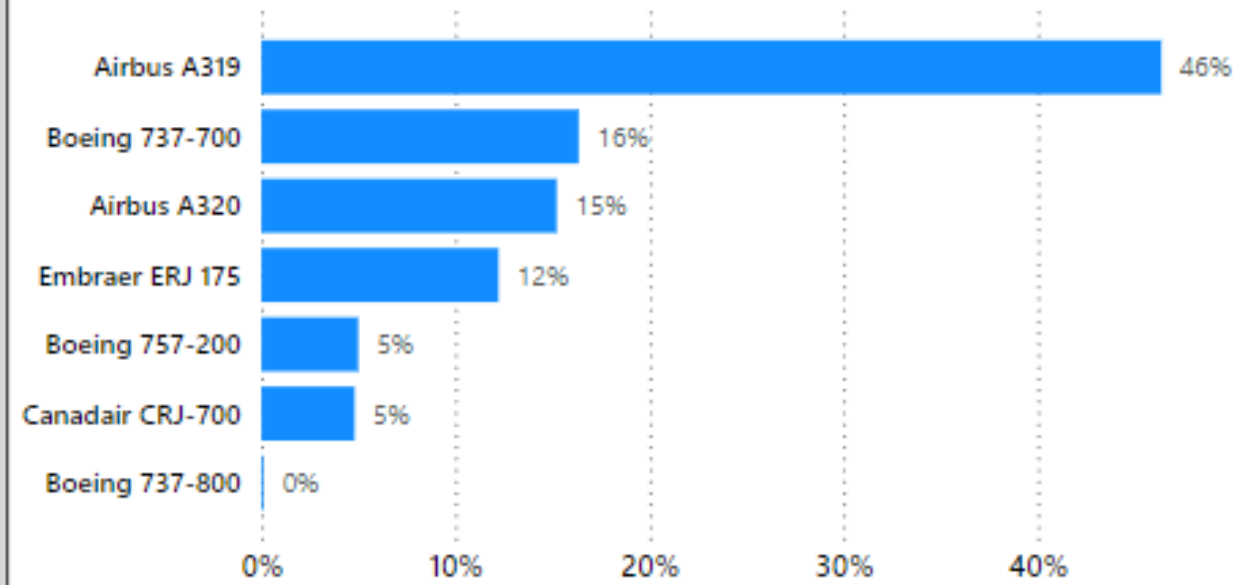


2024 Q1 FLY QUIET OPERATIONS SUMMARY

Commercial Operators (%)



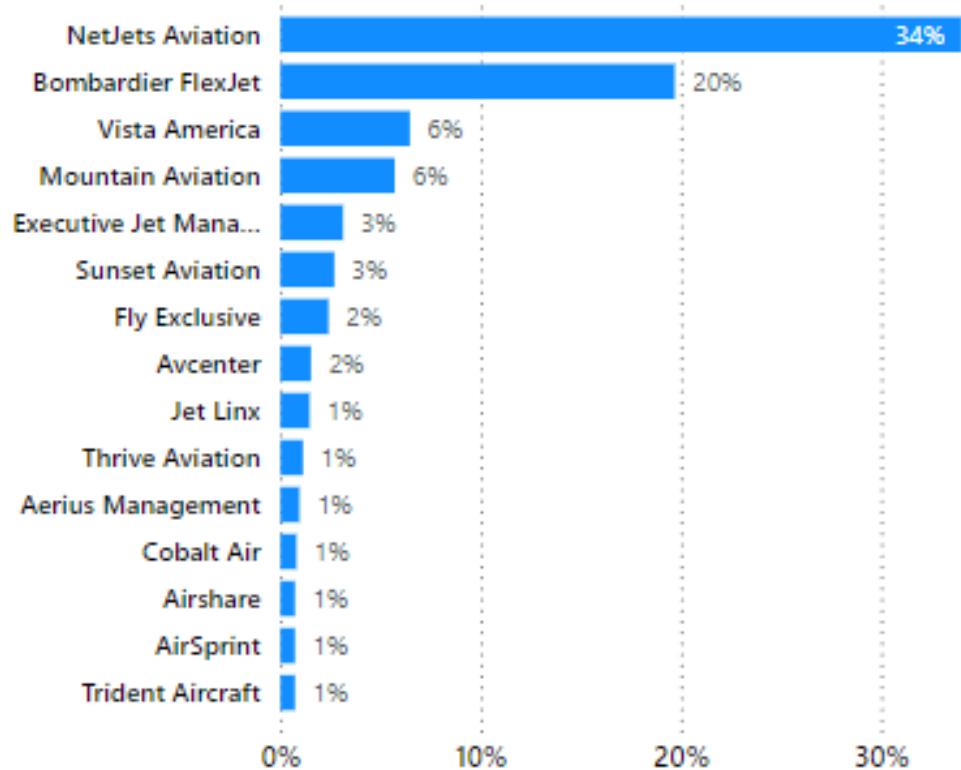
Commercial Aircraft (%)



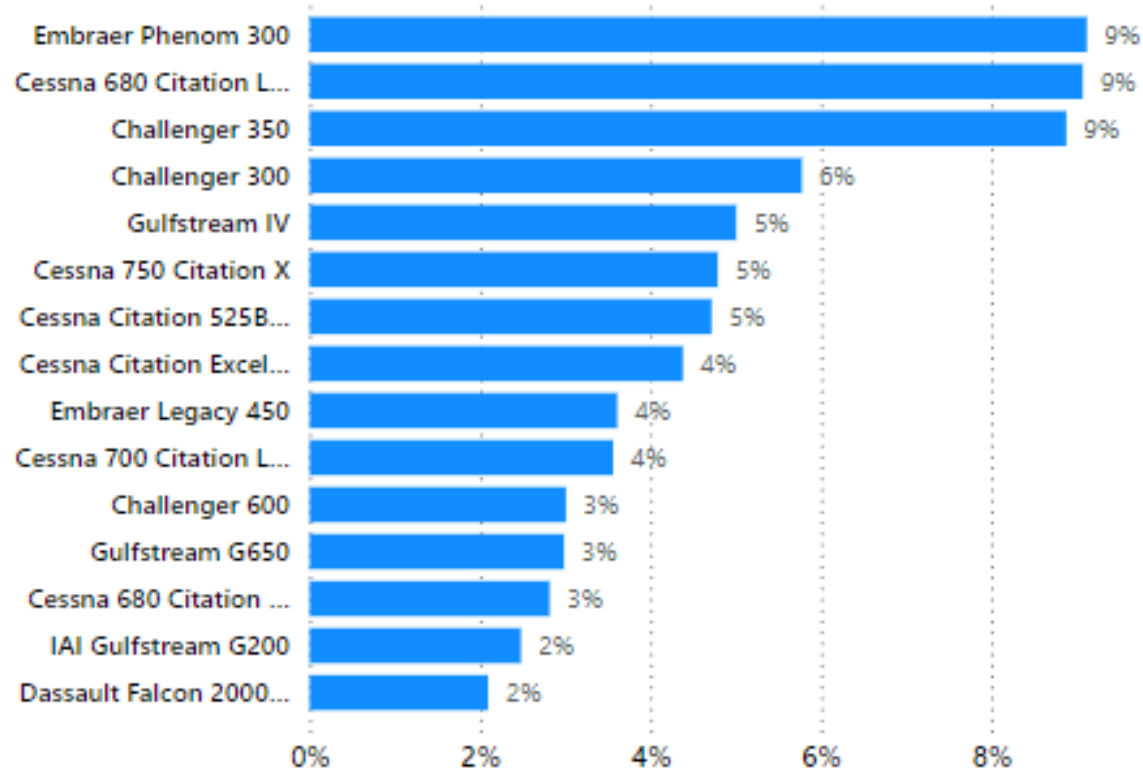


2024 Q1 FLY QUIET OPERATIONS SUMMARY

Top 15 GA Operators (%)



GA Aircraft (%) of Operations



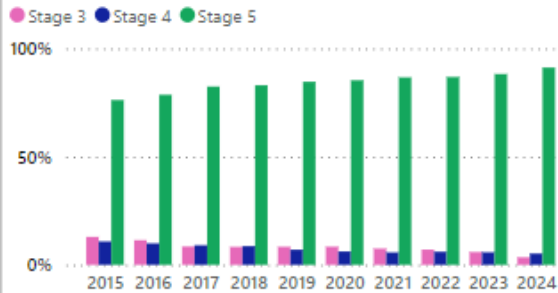


2024 Q1 FLY QUIET PROGRAM TRENDS INDIVIDUAL ELEMENTS

Fleet Quality

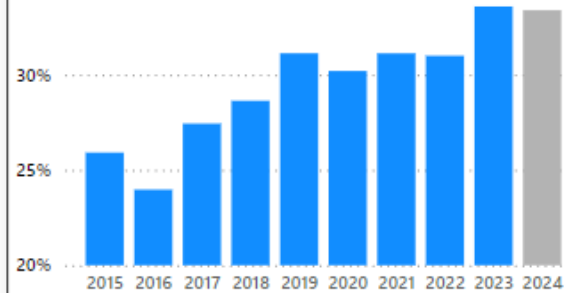
GA Percent Stage Certification

Percent GA Aircraft by Noise Stage



Percent GA 10 dB better than Stage 5

Percent GA Aircraft are Stage 5 Plus



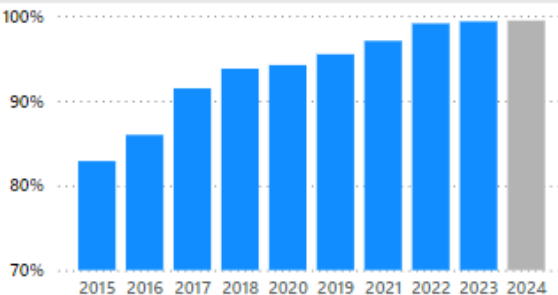
2024 is Q1 Only

- 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)

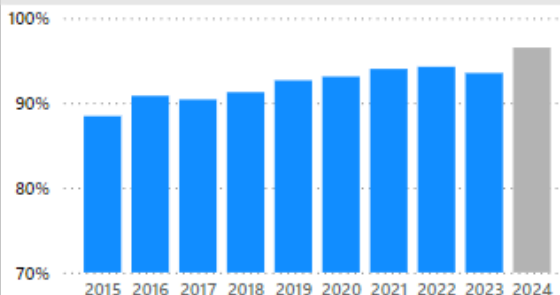
Percent FQ Aircraft Flying GPS vs CONV



Percent FQ Aircraft on or East of GPS Procedure

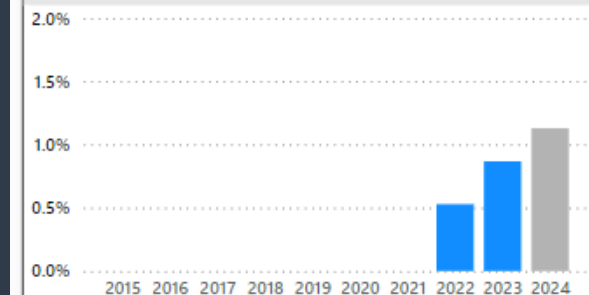


Percent FQ Aircraft Departing So. Without Drift



Percent New Arrival Procedure Use

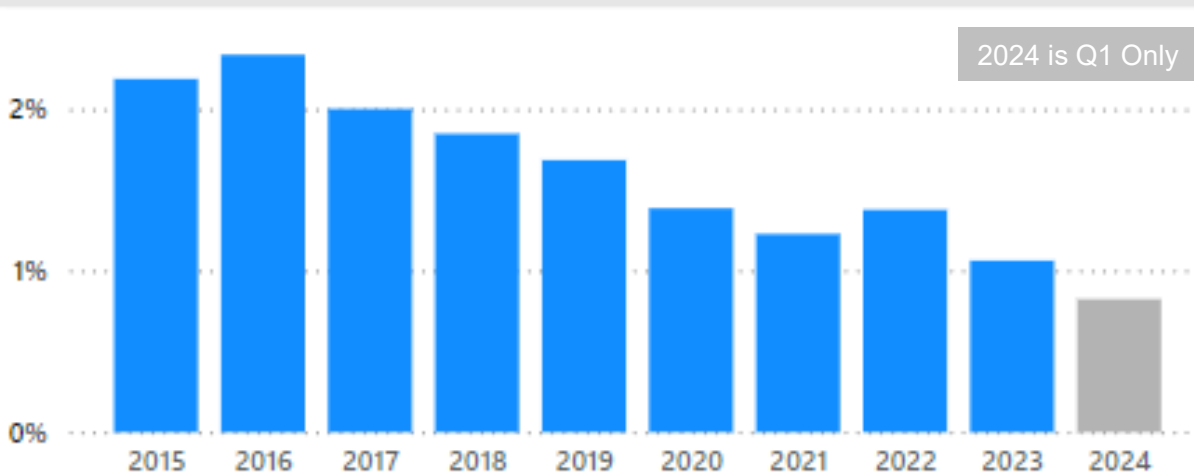
Per. So. Arrivals of FQ Aircraft on New Procedure





2024 Q1 FLY QUIET PROGRAM TRENDS CURFEW HOURS OPERATIONS

Percent FQ Aircraft Operating in Expanded Curfew Hours



- 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 first 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% of operations for general aviation and 0.1% of commercial operations.
- Multiple operators had reductions in voluntary curfew hour operations during 2024 Q1.



2024 Q1 FLY QUIET PROGRAM TRENDS CURFEW HOURS OPERATIONS

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	87.9
EJA	NetJets Aviation	69.0	71.3	82.6	83.7	83.2	83.2	84.1	86.8	89.1	94.7
EJM	Executive Jet Management	71.7	69.5	77.5	80.2	88.4	83.9	77.8	75.8	77.8	89.6
LXJ	Bombardier FlexJet	68.7	73.3	80.0	83.5	80.9	82.8	83.5	83.8	85.3	85.1
OPT	Flight Options	72.0	70.5	87.0	86.3	86.6		77.9		90.4	87.1
TTE	Avcenter	54.1	46.4	68.0	64.5	59.1	48.1	67.8	58.4	80.7	81.9
XOJ	XOJet	84.4	86.7	92.6	93.1	80.7	94.6	87.9	99.3	103.3	105.0

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

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%
XOJ	XOJet	0.8%	0.7%	0.7%	0.9%	1.4%	0.0%	1.0%	0.0%	0.0%	0.0%

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
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
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	12
OPT	Flight Options	13	10	5	7	6		0		0	0
TTE	Avcenter	4	5	7	13	19	9	2	4	0	0
XOJ	XOJet	2	2	2	2	4	0	3	0	0	0

2024 Extrapolated to Full Year
0
8
4
48
0
0
0

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

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



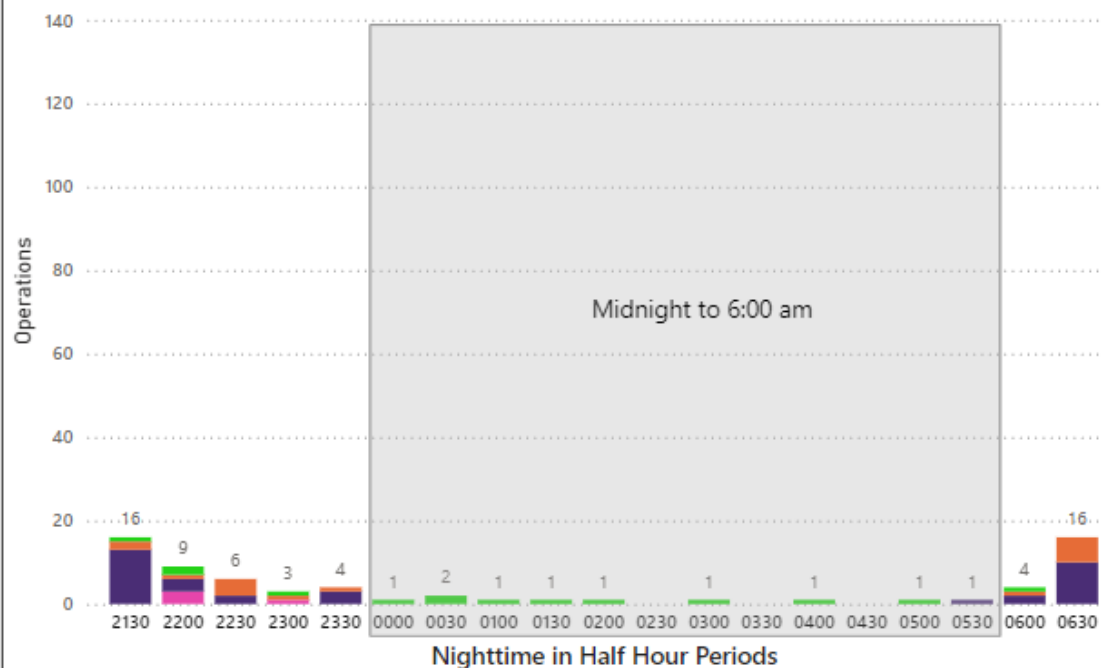
2024 Q1-CURFEW HOURS OPERATIONS INCLUDING FQ AND OTHER OPERATIONS

Night Operations (Voluntary Curfew Hours)

2024 Q1

Voluntary Curfew Operations by half hour periods

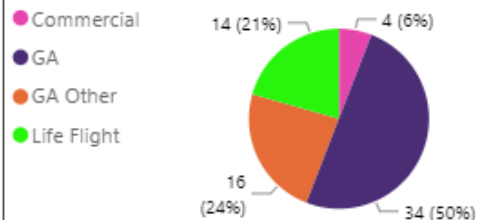
Aircraft Class ● Commercial ● General Aviation ● General Aviation Other ● Life Flight



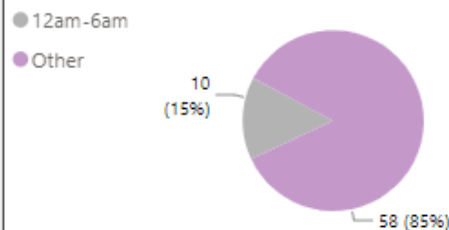
Voluntary Curfew Hours

9:30 pm – 6:59 am for both arrivals and departures

Voluntary Curfew Operations by Aircraft Category

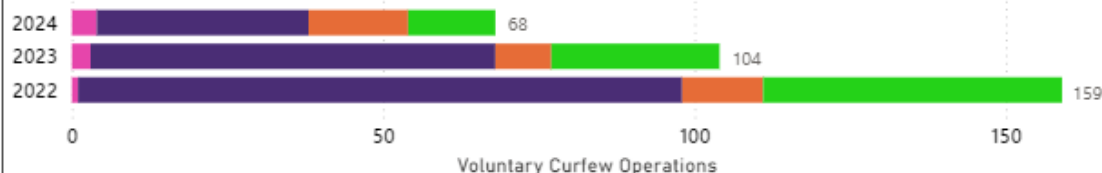


Midnight to 6:00 am vs. Other Curfew Hours

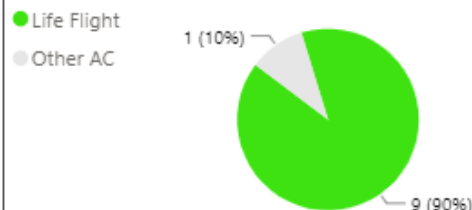


Voluntary Curfew Operations by Aircraft Category

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



Life Flights (Midnight to 6:00 am)



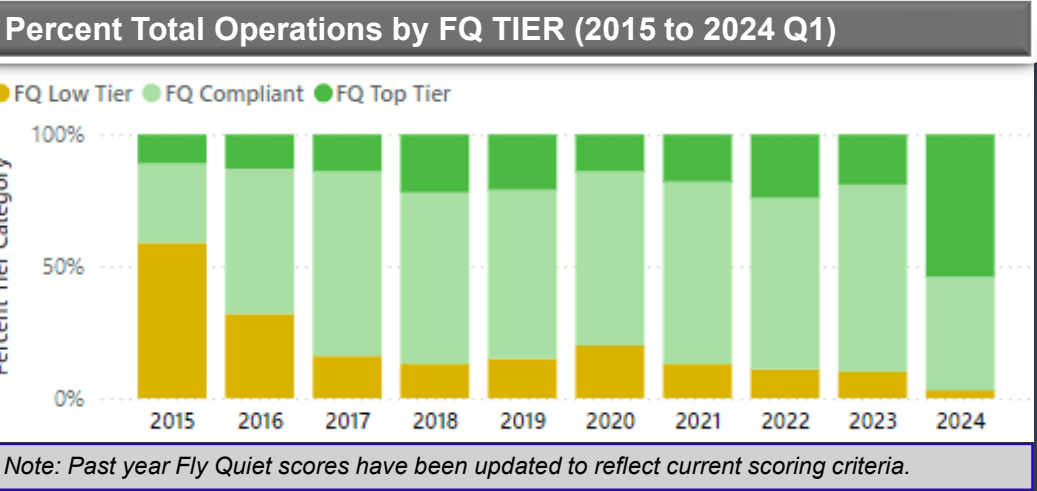
- **Life Flights Operations:** Life Flights, all but one were propeller aircraft, account for 21% of curfew hours operations.
- **Fly Quiet Aircraft Voluntary Curfew Operations:** In 2024, there were 4 Commercial and 35 GA operations in the expanded curfew hours – this is 0.5% of the total Commercial 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 35 of the Voluntary Curfew hour operations, which is 47% 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 1st quarter only



2024 Q1 FLY QUIET PROGRAM TRENDS - OVERALL

Overall Airport Fly Quiet Trends



Noted Individual Improvements in 2024 Q1 over past year

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

- 2024 Q1 showed a trend of improvement in individual and overall scores.
- GA Top Tier operations:
 - 2024 Q1: 60%
 - 2023 Q1: 24%
 - 2015 Q1: 11%

Top Scoring Operators 2024 Q1

Air Carrier			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

Largest 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

Largest GA Single 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 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



2023 ANNUAL NOISE REPORT

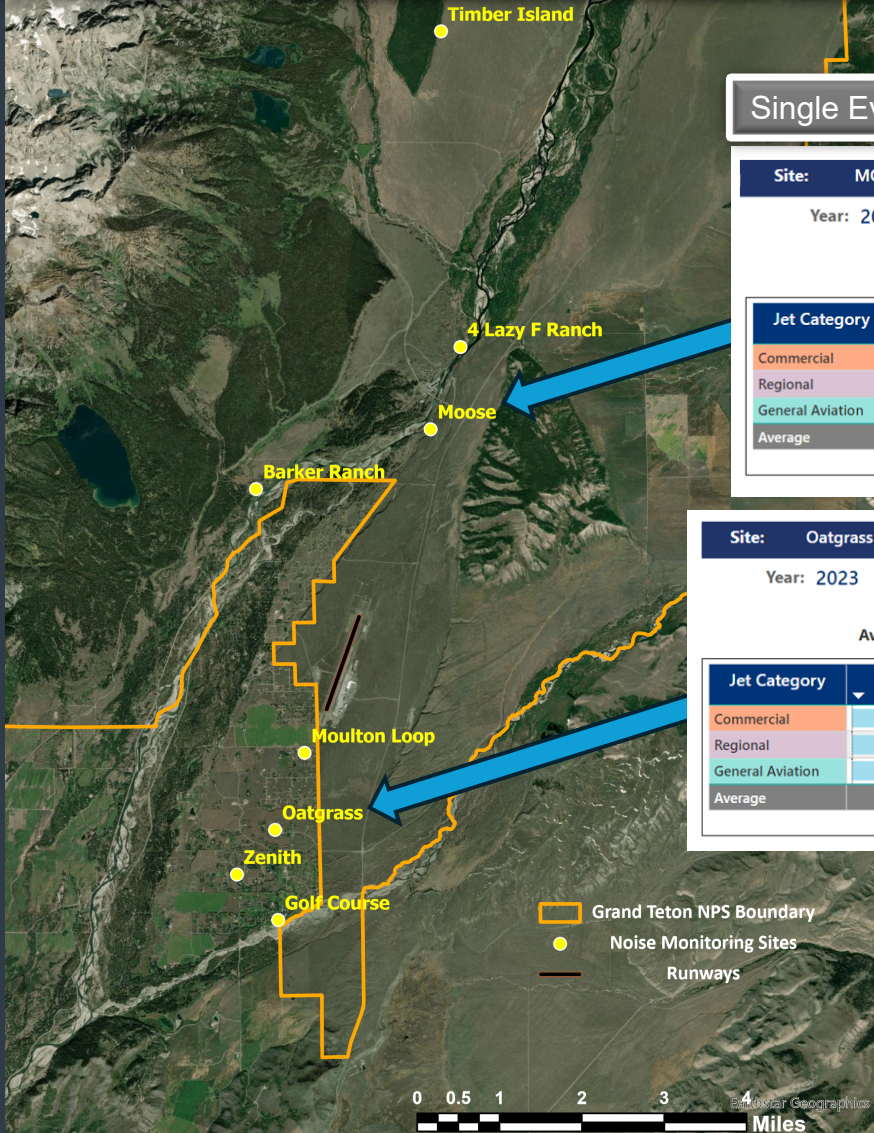
- Presents information on annual operational activity levels
- Presents noise measurement data results
 - Single Event
 - Long-term DNL
- Presents modeled contour results
- Identifies changes and trends
- Determines compliance with Use Agreement requirements
- Results show:
 - Airport is in compliance 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

Measurement Sites

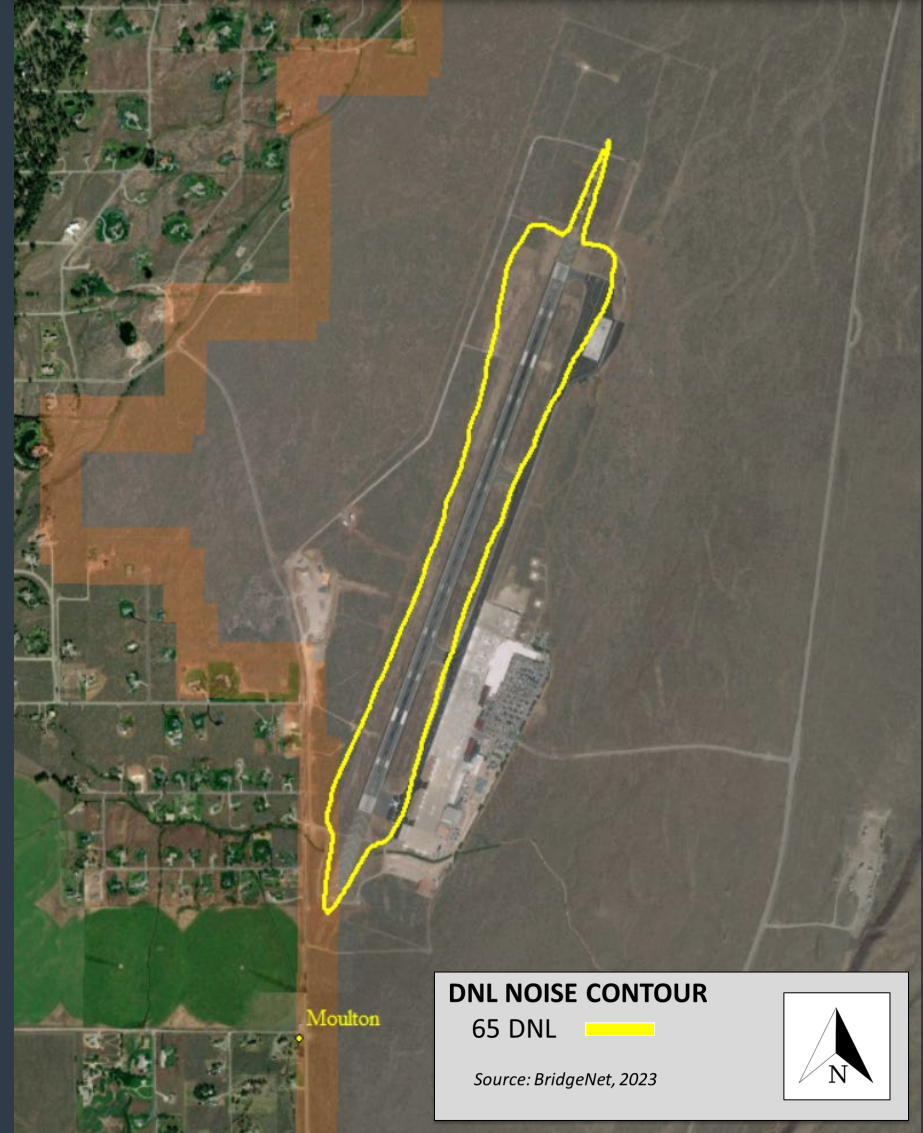


Single Event Measurements

Site: MOOSE		AVERAGE MAXIMUM LEVEL BY TYPE OF AIRCRAFT	
Year: 2023	Operation: Arrival	Runway: 19	
Average Maximum Noise Level by Jet Category			
Jet Category	Lmax (Avg)		
Commercial	78		
Regional	76		
General Aviation	72		
Average	74		

Site: Oatgrass		AVERAGE MAXIMUM LEVEL BY TYPE OF AIRCRAFT	
Year: 2023	Operation: Departure	Runway: 19	
Average Maximum Noise Level by Jet Category			
Jet Category	Lmax (Avg)		
Commercial	78		
Regional	78		
General Aviation	74		
Average	76		

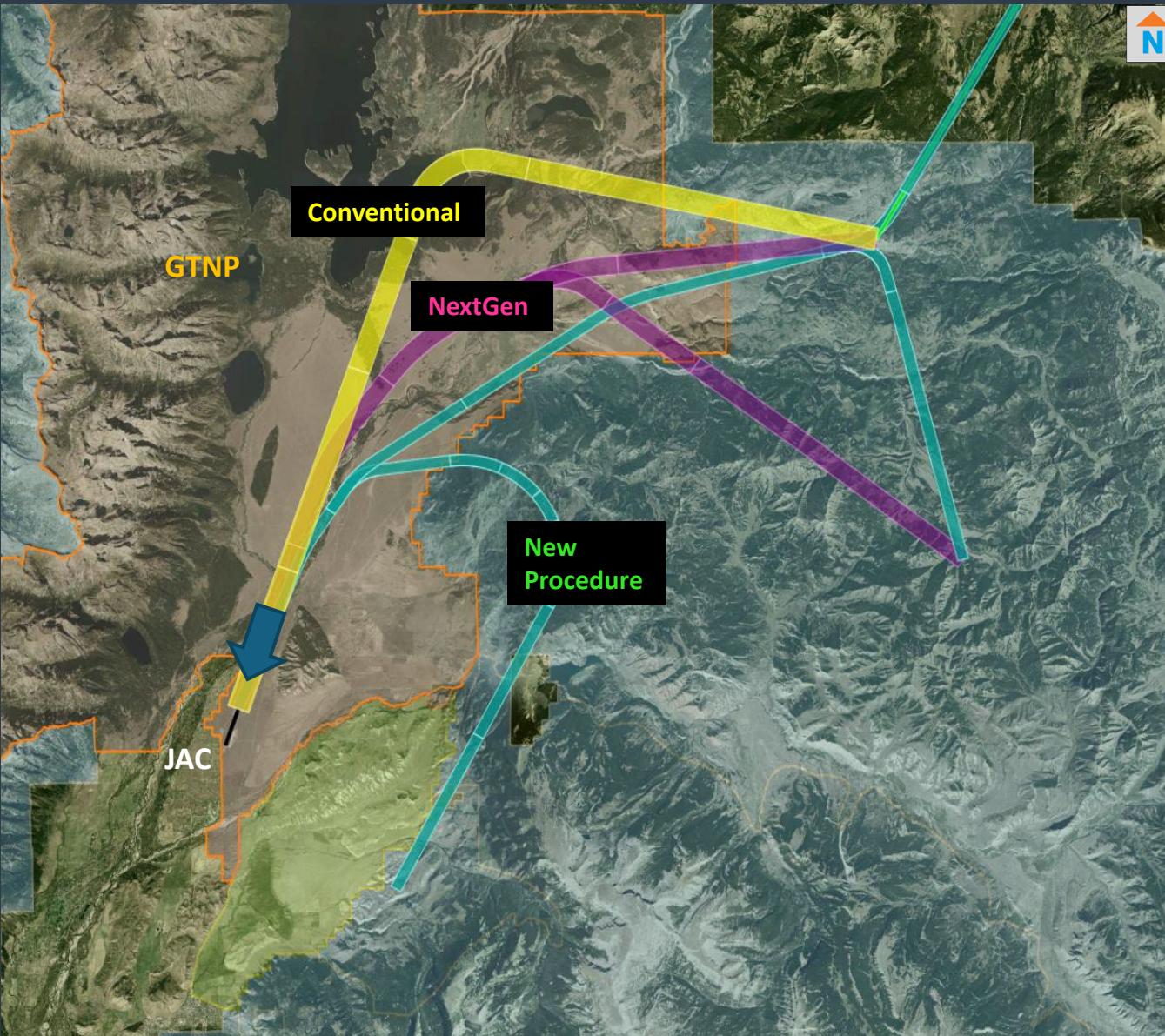
Noise Contours



2024 Q1 Fly Quiet Detailed Results

SOUTH ARRIVAL PROCEDURES OVER GTNP

(CONVENTIONAL / NEXTGEN / NEW PROCEDURE)



NextGen Flight Path Compliance

- Flying NextGen path vs conventional path

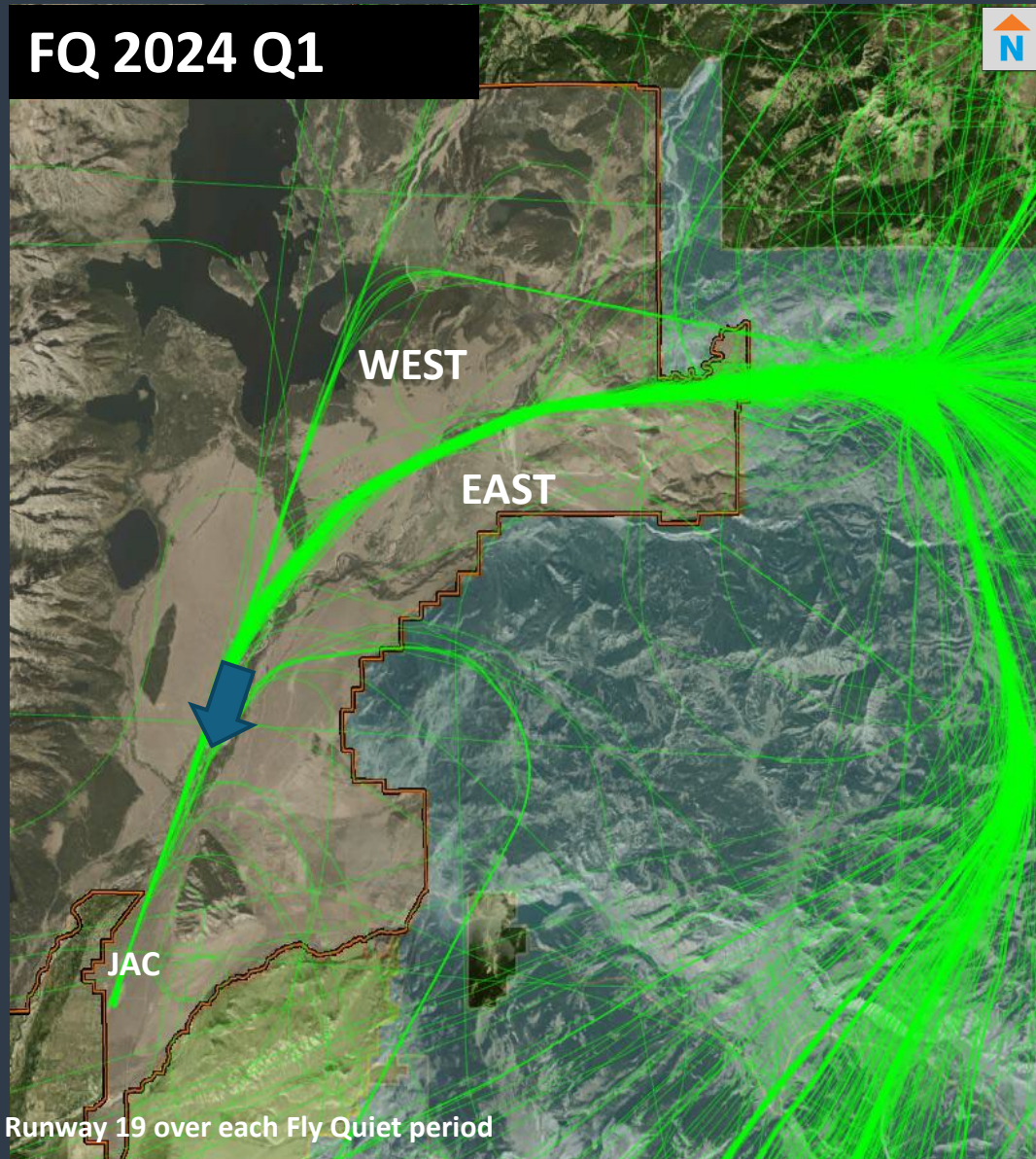
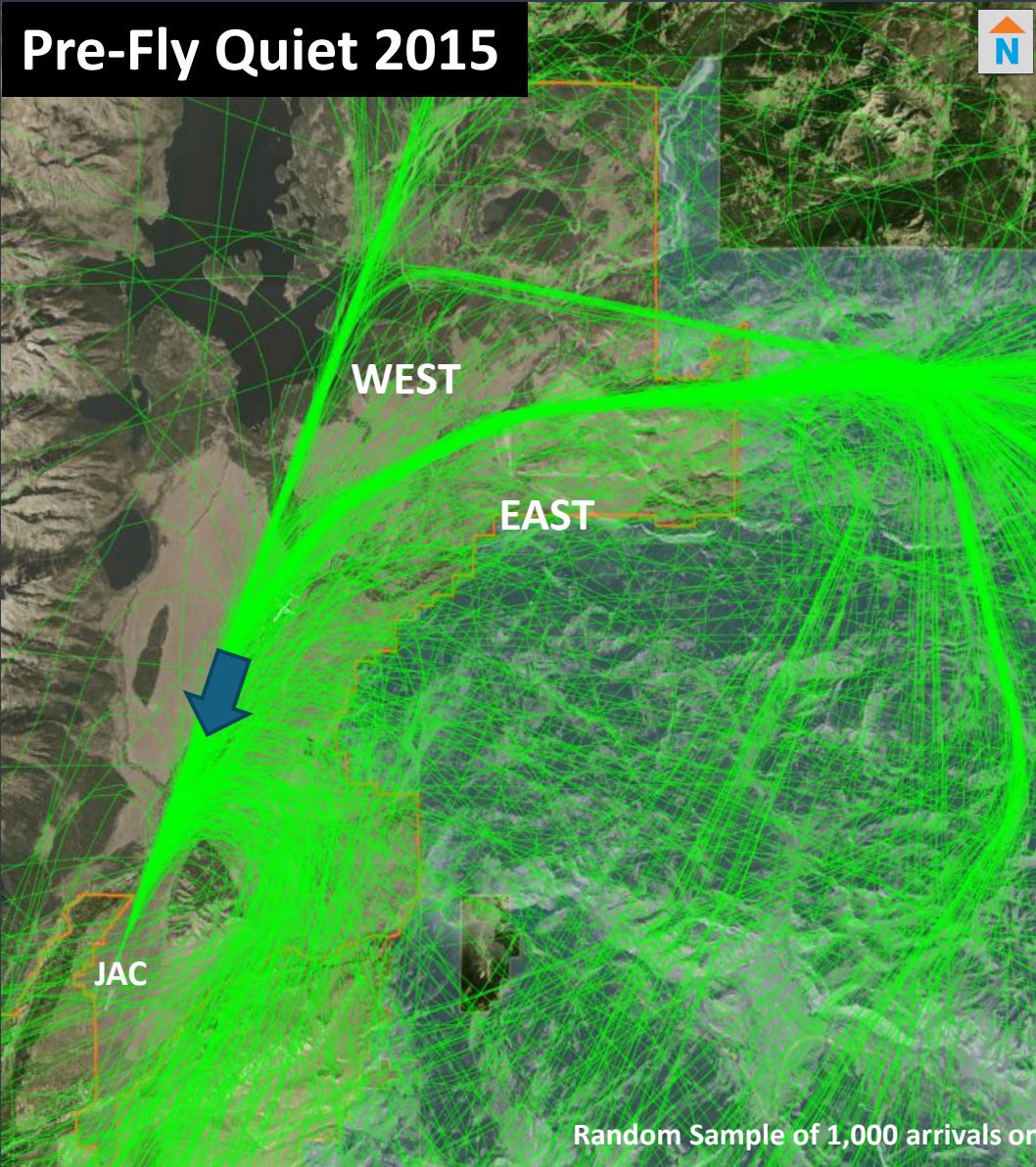
East of NextGen Flight Path

- Flying on or east of NextGen path vs west of path closer to core activity areas of the Park

New Procedure Flight Path

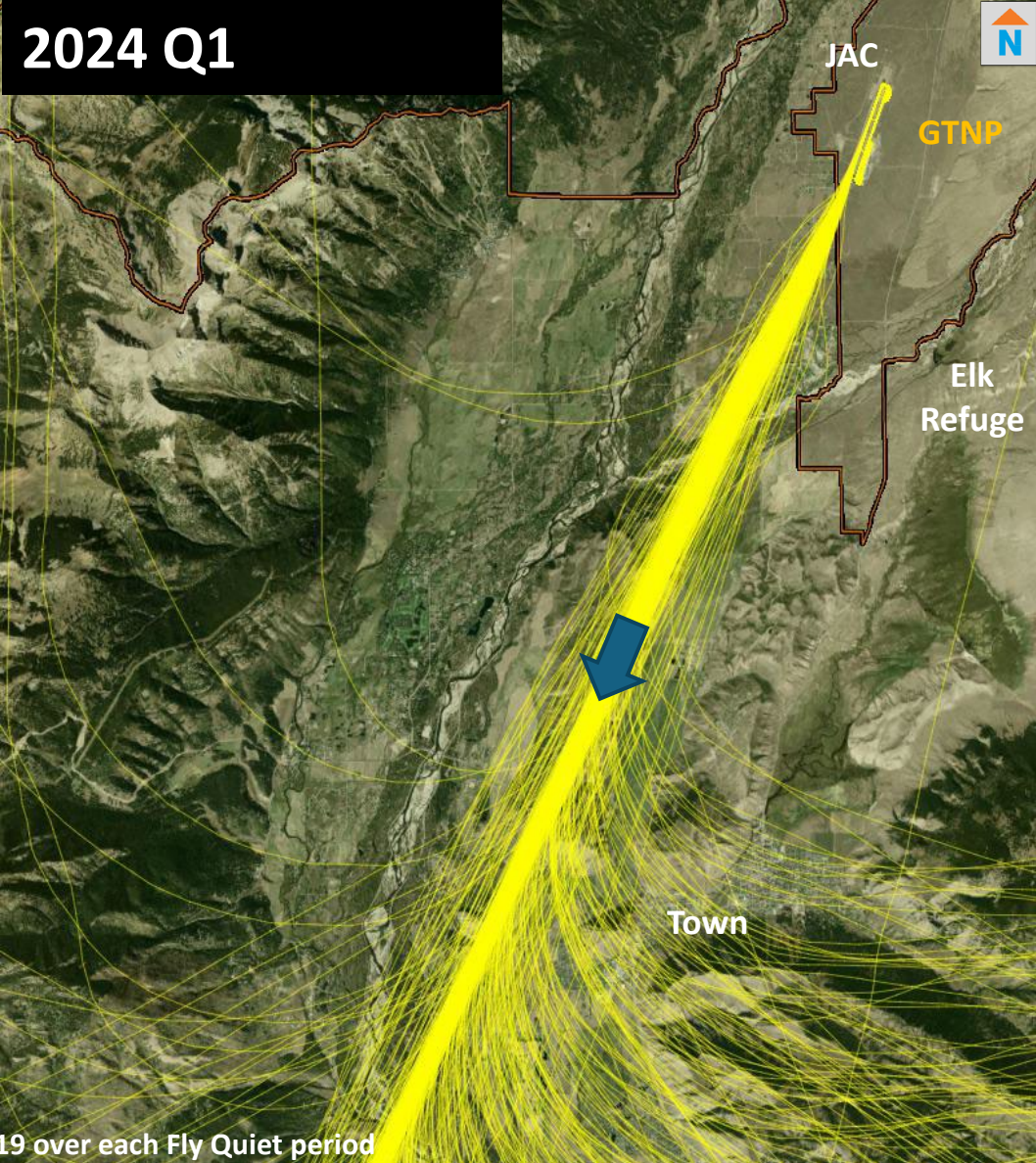
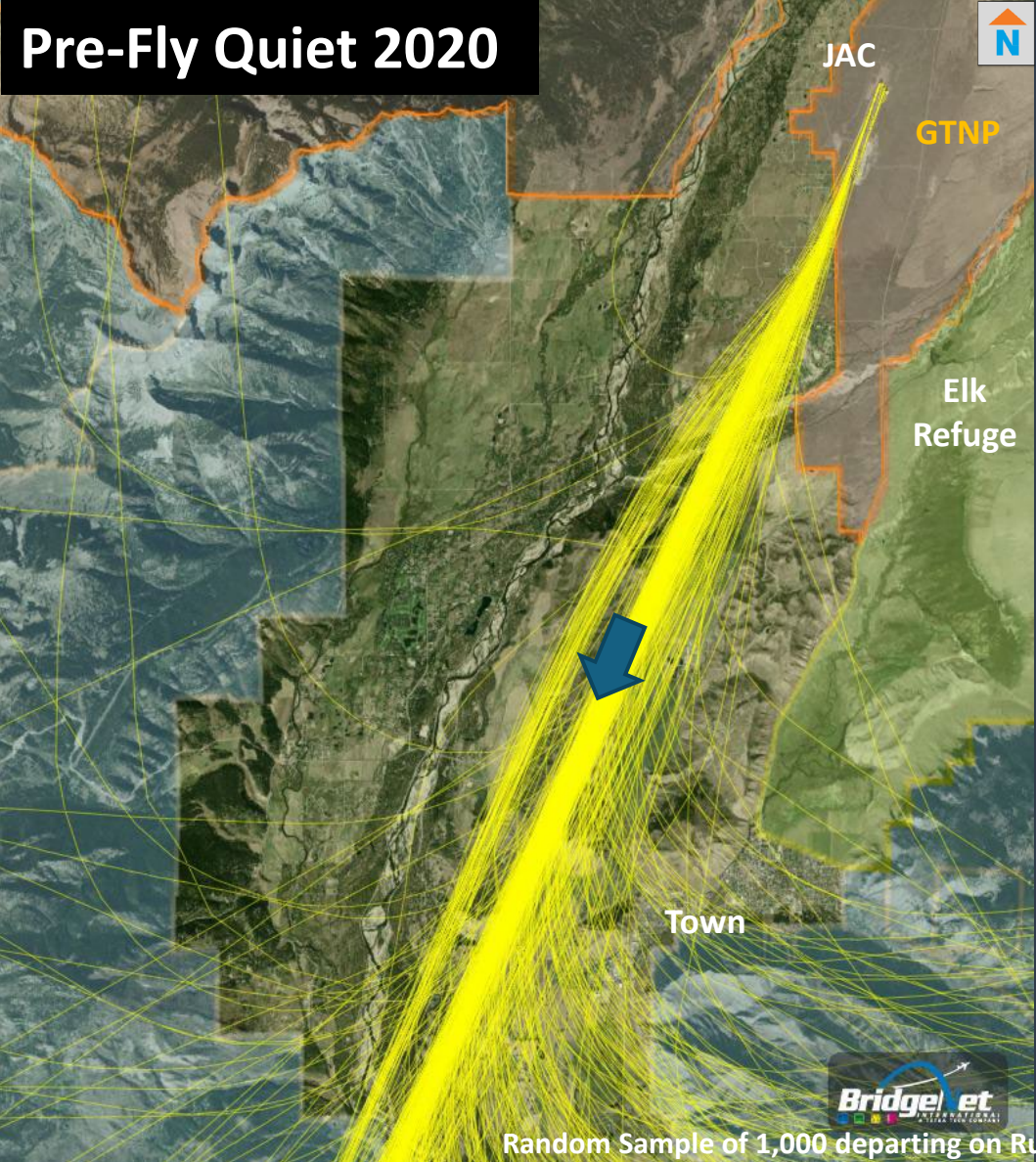
- Bonus points for flying the new procedure

ARRIVAL FLIGHT TRACKS OVER GTNP (PRE-FLY QUIET 2015 VS. 2024 Q1)



Random Sample of 1,000 arrivals on Runway 19 over each Fly Quiet period

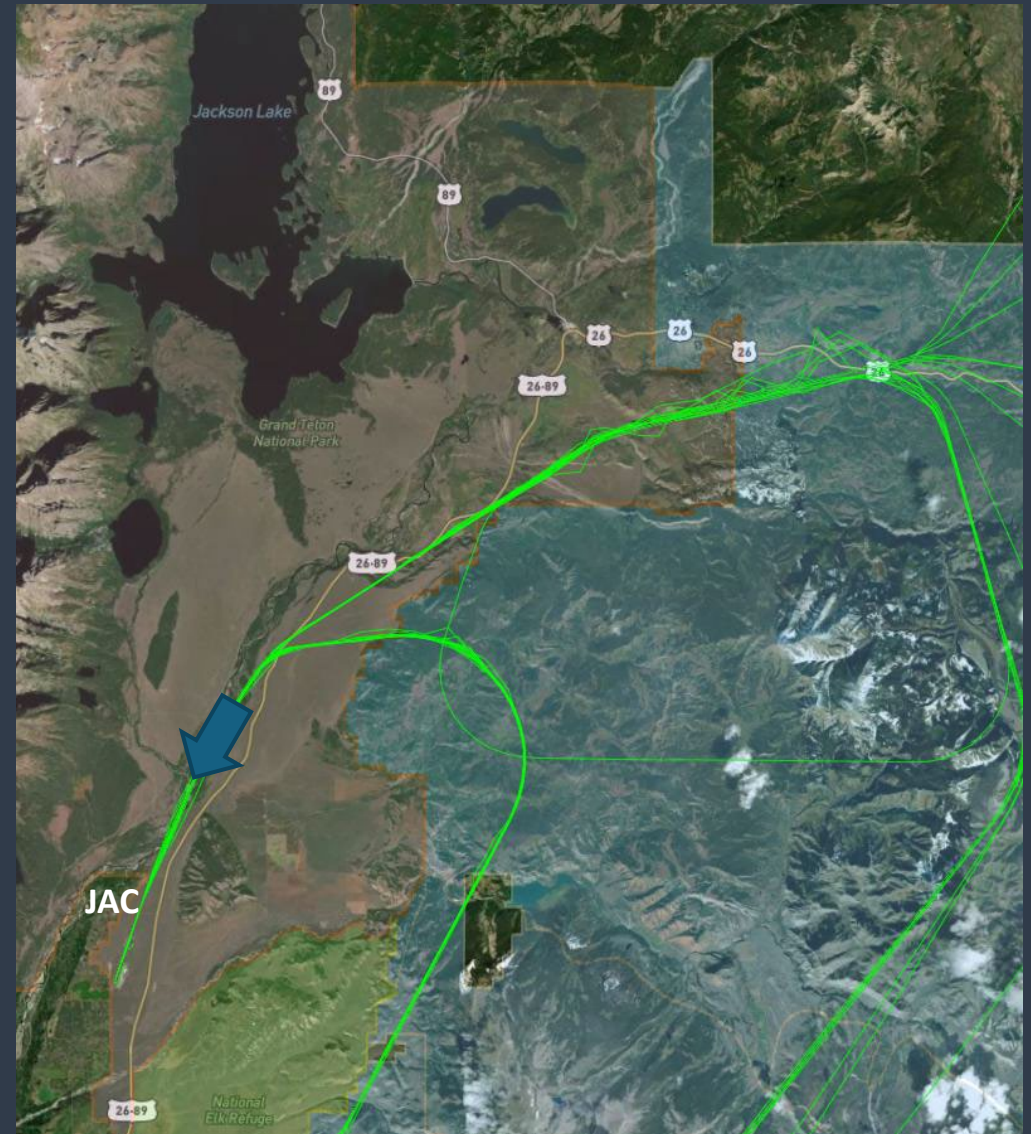
SOUTH DEPARTURE FLIGHT PROCEDURES (PRE-FLY QUIET 2020 VS. 2024 Q1)



Random Sample of 1,000 departing on Runway 19 over each Fly Quiet period

NEW PROCEDURE ARRIVAL USAGE 2024 Q1

- Procedure first utilized in July 2022
- **89** flights used the procedure in 2023 for the full year
- In the 1st quarter of 2024, the procedure was flown **31** times. If projected for the full year that would be **124**
- All commercial operators have flown the procedure
- Delta and Alaska are largest users of procedure
- NetJets also flew the procedure



GA FLEETS

12 OPERATIONS PER QUARTER OR GREATER – FLY QUIET SCORE
2024 Q1

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

JAC Fly Quiet Score								2024-Q1		
OPERATOR				FLY QUIET ELEMENTS				BONUSES		OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Primary Aircraft Type	Quiet Fleet Score (25 Points)	Follow Procedures Score (25 points)	Quieter Events Score (25 Points)	Voluntary Curfew Score (25 Points)	Quiet Fleet Bonus (5 pts)	Fly Procedure Bonus (5 pts)	Total Fly Quiet Score
UJC	Ultimate Air Shuttle	19	C750	25.0	24.1	25.0	25.0	5.0	0	104.1
ASP	AirSprint	20	E545	24.8	25.0	25.0	25.0	2.5	0	102.3
JTZ	Nicholas Air	18	E55P	24.8	25.0	23.8	25.0	3.3	0	101.9
FTH	Mountain Aviation	157	C25B	24.9	24.9	24.1	25.0	2.3	0	101.2
PXT	Pacific Coast Jet	18	C25B	25.0	24.0	25.0	25.0	1.7	0	100.6
TIV	Thrive Aviation	31	C680	24.7	25.0	22.5	25.0	2.6	0	99.8
SIS	Silver Air	16	C25B	24.5	25.0	23.2	25.0	1.9	0	99.6
CYO	Air Transport (ATI Jet)	14	LJ60	25.0	19.0	25.0	25.0	5.0	0	99.0
VNT	Rise to the Challenger	12	CL60	23.5	25.0	25.0	25.0	0.0	0	98.5
XSR	Airshare	20	CL35	24.5	25.0	22.1	25.0	1.5	0	98.1
HER	Hera Flight	15	C750	23.9	25.0	19.4	25.0	3.0	0	96.4
JRE	Fly Exclusive	66	C56X	24.7	23.8	23.8	22.0	1.5	0	95.7
XLJ	XCEL JET	12	LJ40	24.6	20.8	25.0	25.0	0.0	0	95.4
WMN	Trident Aircraft	20	C680	24.0	22.6	19.3	25.0	4.0	0	94.9
EJA	NetJets Aviation	937	C68A	24.7	24.4	22.6	19.0	3.0	1	94.7
JTL	Jet Linx	40	F2TH	22.4	24.5	19.9	25.0	0.5	0	92.3
CNS	Cobalt Air	22	PC24	21.6	25.0	19.4	25.0	0.0	0	91.0
EJM	Executive Jet Management	86	GLF4	22.8	24.0	20.3	22.0	0.5	0	89.6
TWY	Sunset Aviation	74	GLF6	23.4	23.7	19.1	22.0	0.0	0	88.1
COL	SC Aviation	12	F2TH	20.9	23.6	18.5	25.0	0.0	0	88.0
EDG	Jet Edge	18	GLF4	22.0	25.0	15.9	25.0	0.0	0	87.9
JCY	Aerius Management	26	FA7X	21.6	24.3	16.2	25.0	0.0	0	87.1
HRT	Chartright Air	12	C560	20.2	23.6	16.7	25.0	0.0	0	85.5
VJA	Vista America	178	CL30	24.1	24.3	20.8	16.0	0.0	0	85.2
LXJ	Bombardier FlexJet	542	CL35	24.5	24.6	22.8	11.1	2.1	0	85.1
MVJ	Mira Vista Aviation	13	GLF4	22.1	25.0	12.1	25.0	0.4	0	84.6
TTE	Avcenter	42	C560	21.5	20.8	14.2	25.0	0.5	0	81.9
FWK	Flightworks	14	GALX	21.6	25.0	9.4	25.0	0.0	0	81.0
SGO	Admiral Beverage	18	H25B	15.9	25.0	7.9	25.0	0.0	0	73.8

GA FLEETS

BETWEEN 12 AND 6 OPERATIONS PER QUARTER – FLY QUIET SCORE
2024 Q1

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

JAC Fly Quiet Score

2024-Q1

OPERATOR				FLY QUIET ELEMENTS				BONUSES		OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Primary Aircraft Type	Quiet Fleet Score (25 Points)	Follow Procedures Score (25 points)	Quieter Events Score (25 Points)	Voluntary Curfew Score (25 Points)	Quiet Fleet Bonus (5 pts)	Fly Procedure Bonus (5 pts)	Total Fly Quiet Score
XOJ	XOJet	10	C750	25.0	25.0	25.0	25.0	5.0	0	105.0
DRL	Omini Air Transport	8	LJ75	24.4	25.0	25.0	25.0	1.3	0	100.7
WSN	Advanced Air	6	CL30	24.2	25.0	25.0	25.0	0.0	0	99.2
WDY	Phoenix Airline Services	8	GA6C	23.5	25.0	25.0	25.0	0.0	0	98.5
VJT	Vistajet	10	GLEX	21.8	25.0	22.5	25.0	0.0	0	94.3
DLX	Dreamline Aviation	8	LJ40	22.4	25.0	19.1	25.0	0.0	0	91.5
BLK	Aero Black (USAC Airways)	10	E35L	22.9	18.3	25.0	25.0	0.0	0	91.2
CBC	CLYDE COMPANIES INC	10	C25A	24.2	23.3	17.1	25.0	0.0	0	89.7
ARG	Aerolineas Argentinas	8	C680	21.9	22.9	15.0	25.0	2.5	0	87.3
OPT	Flight Options	6	BE40	15.4	25.0	21.7	25.0	0.0	0	87.1
IJA	International Jet Aviation	6	LJ60	22.5	19.4	16.7	25.0	3.3	0	86.9
GHA	Ghana Airways	6	GLF6	24.3	20.8	16.7	25.0	0.0	0	86.8
OKC	Private Jets	9	E35L	21.5	25.0	13.9	25.0	0.0	0	85.3
SLH	Silverhawk Aviation	8	C560	18.3	25.0	12.5	25.0	0.0	0	80.7
PRE	Precision Airlines	8	GALX	23.3	18.1	14.3	25.0	0.0	0	80.6
KPO	NXT Jet	9	GLF4	21.9	25.0	8.3	25.0	0.0	0	80.2
WWI	Worldwide Jet Charter	7	CL60	22.8	8.3	25.0	22.0	0.0	0	78.1
RGY	Regency Airlines	8	BE40	15.4	25.0	12.5	22.0	0.0	0	74.9

GA SINGLE OPERATORS

12 OPERATIONS PER QUARTER OR GREATER – FLY QUIET SCORE
2024 Q1

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

JAC Fly Quiet Score										2024-Q1
OPERATOR				FLY QUIET ELEMENTS				BONUSES		OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Primary Aircraft Type	Quiet Fleet Score (25 Points)	Follow Procedures Score (25 points)	Quieter Events Score (25 Points)	Voluntary Curfew Score (25 Points)	Quiet Fleet Bonus (5 pts)	Fly Procedure Bonus (5 pts)	Total Fly Quiet Score
N54PV	Moss Lane Ventures, LLC	12	C510	25.0	25.0	25.0	25.0	5.0	0	105.0
N124MV	RC Aviation, LLC	23	C750	25.0	25.0	25.0	22.0	5.0	0	102.0
N482PG	ROGER ROGER LLC	19	HDJT	25.0	22.6	23.6	25.0	5.0	0	101.2
N405PC	TIME 2 FLY LLC	18	GA5C	24.7	25.0	23.3	25.0	0.0	0	98.0
N306MF	TAMKO Building Products, Inc.	16	CL30	25.0	25.0	20.3	25.0	0.0	0	95.3
N560TW	T.W. Lewis Aviation, LLC	12	C56X	25.0	23.3	20.5	25.0	0.0	0	93.8
N900BC	CSMS Management, LLC	24	C700	25.0	19.7	23.9	25.0	0.0	0	93.6
N980CC	FJ20 166 LLC	13	GLEX	21.8	23.6	19.2	25.0	0.0	0	89.7
N606HP	G200-116, LLC	12	GALX	21.6	25.0	17.3	25.0	0.0	0	88.9
N311PB	JOUST CAPITAL III LLC	14	GLEX	21.8	23.8	17.3	25.0	0.0	0	87.9
N816JW	Gulfstream G200, LLC	12	GALX	21.6	25.0	15.9	25.0	0.0	0	87.5
N30MZ	Wildwood Yonder, LLC	31	GALX	21.6	25.0	16.0	19.0	0.0	0	81.6
N79LE	CIRCLE AROUND 1 LLC	14	F900	20.0	23.6	12.0	25.0	0.0	0	80.7
N204BG	Precision Aviation, Inc.	12	C560	18.3	18.3	12.5	25.0	0.0	0	74.1

GA SINGLE OPERATOR (PART 2)

BETWEEN 12 AND 6 OPERATION PER QUARTER – FLY QUIET SCORE

2024 Q1

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

JAC Fly Quiet Score 2024-Q1

OPERATOR				FLY QUIET ELEMENTS				BONUSES		OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Primary Aircraft Type	Quiet Fleet Score (25 Points)	Follow Procedures Score (25 points)	Quieter Events Score (25 Points)	Voluntary Curfew Score (25 Points)	Quiet Fleet Bonus (5 pts)	Fly Procedure Bonus (5 pts)	Total Fly Quiet Score
N107AV	Avmax Aircraft Leasing, Inc.	10	C750	25.0	25.0	25.0	25.0	5.0	0	105.0
N1866M	Spirit of BFC LLC	10	C680	25.0	25.0	25.0	25.0	5.0	0	105.0
N324GV	GRANDVIEW AVIATION LLC	6	E55P	25.0	25.0	25.0	25.0	5.0	0	105.0
N330GV	GRANDVIEW AVIATION LLC	6	E55P	25.0	25.0	25.0	25.0	5.0	0	105.0
N393BU	MEREDITH OPERATIONS CORP	8	E545	25.0	25.0	25.0	25.0	5.0	0	105.0
N393BW	MEREDITH OPERATIONS CORP	10	E545	25.0	25.0	25.0	25.0	5.0	0	105.0
N649SP	Standard Process, Inc.	10	E545	25.0	25.0	25.0	25.0	5.0	0	105.0
N894KS	KS Air Charter, LLC	8	C68A	25.0	25.0	25.0	25.0	5.0	0	105.0
N585PC	MacDonald, Kevin	6	E55P	25.0	22.2	25.0	25.0	5.0	0	102.2
N113HX	Happytimes Aviation, LLC	8	HDJT	25.0	25.0	20.8	25.0	5.0	0	100.8
N585WT	Kedec Services, LLC	8	C25B	25.0	25.0	25.0	25.0	0.0	0	100.0
N613KJ	J2 Aviation, LLC	6	C25B	25.0	25.0	25.0	25.0	0.0	0	100.0
N71MB	BRETZ-AZTEC LLC	8	C25B	25.0	25.0	25.0	25.0	0.0	0	100.0
N818NX	Silver Monkey, LLC	6	CL35	24.3	25.0	25.0	25.0	0.0	0	99.3
N393SG	N393SG, LLC	10	C25B	25.0	25.0	22.5	25.0	0.0	0	97.5
N1878E	Galaxy Lift, LLC	10	GLF5	22.2	25.0	25.0	25.0	0.0	0	97.2
N261PC	Hillsboro Global Aviation, Inc.	6	GA5C	24.7	22.2	25.0	25.0	0.0	0	96.9
N62TE	62 Group, LLC	6	EA50	25.0	16.7	25.0	25.0	5.0	0	96.7
N661GT	RHYS Vineyards, LLC	8	GLF6	24.3	22.2	25.0	25.0	0.0	0	96.5
N969WR	Global Jet Capital	6	G280	24.0	22.2	25.0	25.0	0.0	0	96.2
N115LF	AIRLYNNER LLC	6	CL30	25.0	25.0	20.8	25.0	0.0	0	95.8
N142HC	Delta Jet, Ltd.	6	GA5C	24.7	25.0	20.8	25.0	0.0	0	95.5
N610SN	Management Health Services,...	6	F2TH	20.4	25.0	25.0	25.0	0.0	0	95.3
N425TS	Tower Three, LLC	6	C25B	25.0	25.0	20.0	25.0	0.0	0	95.0
N302LT	West PAC Challenger, LLC	6	CL30	25.0	25.0	19.4	25.0	0.0	0	94.4

JAC Fly Quiet Score 2024-Q1

OPERATOR				FLY QUIET ELEMENTS				BONUSES		OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Primary Aircraft Type	Quiet Fleet Score (25 Points)	Follow Procedures Score (25 points)	Quieter Events Score (25 Points)	Voluntary Curfew Score (25 Points)	Quiet Fleet Bonus (5 pts)	Fly Procedure Bonus (5 pts)	Total Fly Quiet Score
N800LB	Local Search Ventures	6	CL60	23.2	25.0	20.8	25.0	0.0	0	94.0
N648ME	1st Avenue TJC, LLC	6	E55P	25.0	16.7	25.0	22.0	5.0	0	93.7
N928GC	Moorland Promontory, LLC	6	GLF5	22.2	25.0	21.4	25.0	0.0	0	93.7
N4840W	Launchequity Partners, LLC	10	F2TH	20.4	25.0	22.8	25.0	0.0	0	93.2
N104QT	FREEBASE HOLDING LLC	6	F2TH	20.4	25.0	22.1	25.0	0.0	0	92.4
N819AP	Sky Partners Inc.	6	GALX	21.6	25.0	20.5	25.0	0.0	0	92.1
N717NB	McKenzie Bridge Land Comp...	6	C56X	25.0	16.7	25.0	25.0	0.0	0	91.7
N941SP	WHC Challenger, LLC	6	CL30	25.0	20.8	20.0	25.0	0.0	0	90.8
N101WY	State of Wyoming - Dept. of T...	8	C560	18.3	20.8	25.0	25.0	0.0	0	89.1
N713AG	AGEE RICHARD E	6	F2TH	20.4	25.0	17.3	25.0	0.0	0	87.7
N950SF	Teton Sales and Leasing, LLC	6	F900	20.0	19.4	19.1	25.0	0.0	0	83.6
N970CC	FJ20 166, LLC	8	F900	20.0	25.0	11.7	25.0	0.0	0	81.7
N307GP	AIR CASHMERE LLC	6	G150	20.2	20.8	12.5	25.0	0.0	0	78.5
N191N	David Denzil Aviation, LLC	6	FA50	15.9	25.0	12.5	25.0	0.0	0	78.4
N1428N	NAPIAT 1428, LLC	6	GLF4	21.9	25.0	5.8	25.0	0.0	0	77.7
N999PM	Pacific Marine Leasing, Inc.	6	F900	20.0	16.7	12.5	25.0	0.0	0	74.2
N684DK	Hub Aviation, LLC	6	H25B	15.9	25.0	2.3	25.0	0.0	0	68.2

COMMERCIAL – FLY QUIET SCORE 2024 Q1

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

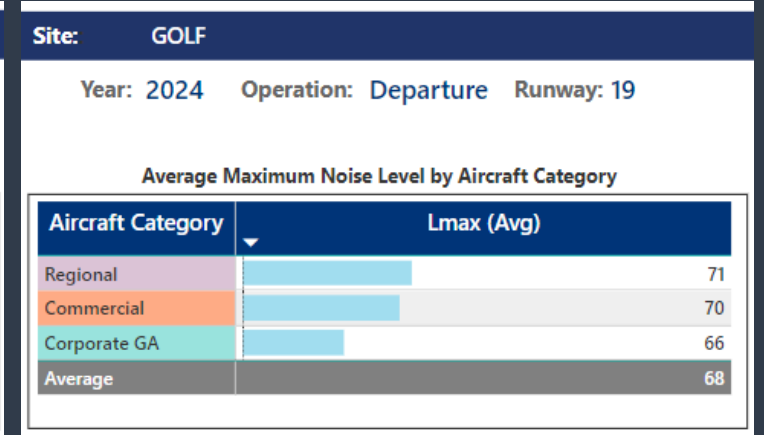
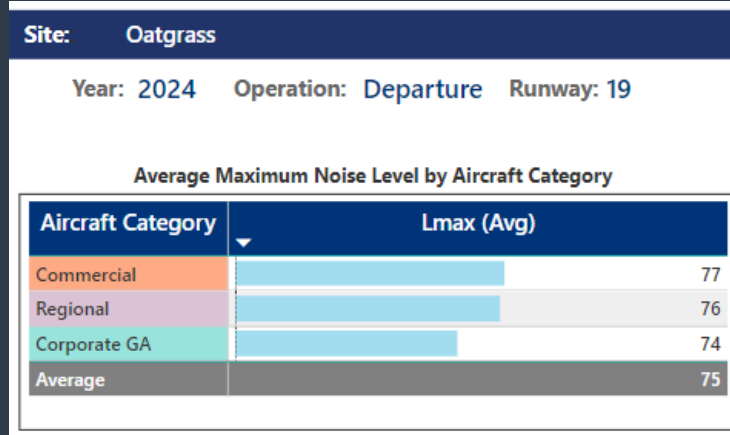
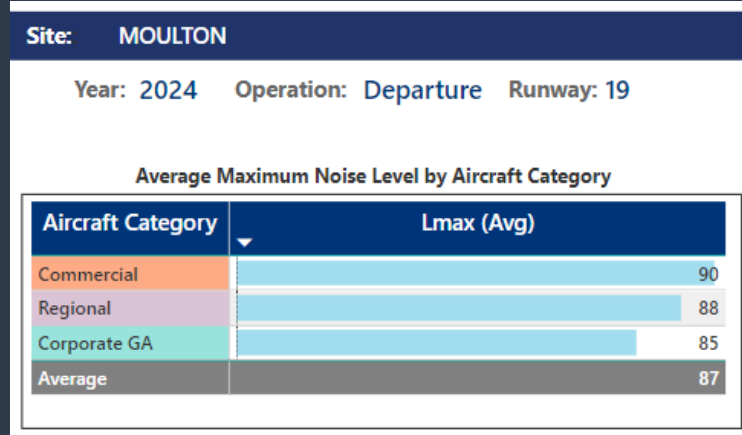
JAC Fly Quiet Score

2024-Q1

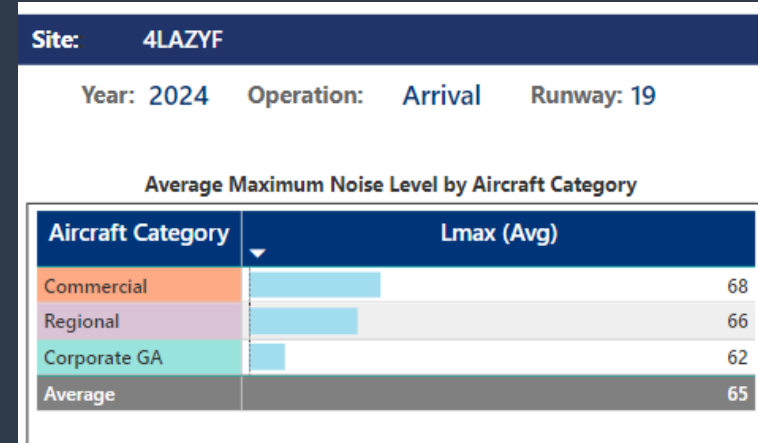
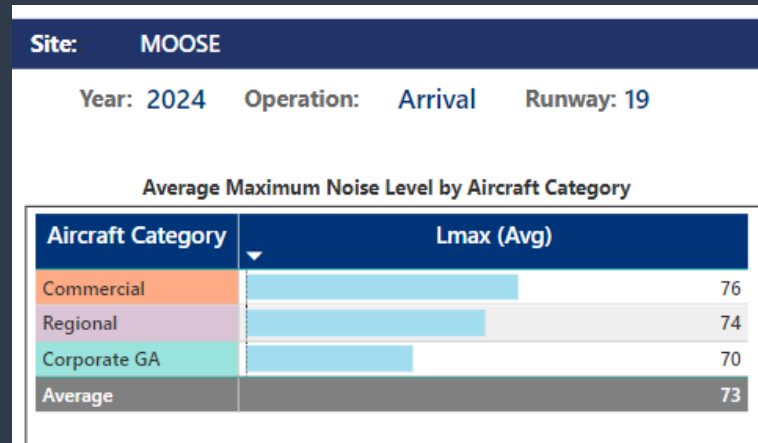
OPERATOR				FLY QUIET ELEMENTS				BONUSES		OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Primary Aircraft Type	Quiet Fleet Score (25 Points)	Follow Procedures Score (25 points)	Quieter Events Score (25 Points)	Voluntary Curfew Score (25 Points)	Quiet Fleet Bonus (5 pts)	Fly Procedure Bonus (5 pts)	Total Fly Quiet Score
⊕ ASA	Alaska Airlines	132	B737	17.7	25.0	21.2	25.0	0.0	2	90.8
⊕ DAL	Delta Air Lines	725	A319	18.2	24.9	21.2	22.0	0.0	2	88.3
⊕ AAL	American Airlines	520	A319	18.3	24.9	17.4	25.0	0.0	0	85.5
⊕ SKW	Skywest Airlines	539	E75L	17.3	24.9	18.9	22.0	0.0	1	84.1
⊕ UAL	United Airlines	1,250	A320	17.9	24.9	20.1	19.0	0.0	2	83.9

2024 Q1 SINGLE EVENT NOISE LEVELS FROM FLY QUIET MEASUREMENT SITES

Measurement Sites South of the Airport



Measurement Sites North of the Airport



REFRESHER ON NOISE METRICS

- Single Event Maximum Noise Level (Lmax) - The Lmax is the peak noise that is generated by an aircraft during a flyover. The levels vary based upon the type of operations/aircraft and distance from the airport/flight path. Typical values range from in the 90s dBA for very close to the airport down to 40s dBA at more distant locations such as north in the Park.
 - *There are no set standards or guidelines in terms of Lmax but is useful in illustrating noise in it is what a person experiences when an aircraft event occurs.*
- DNL Cumulative Noise Level. This is the summation of all the aircraft noise throughout the day with a 10 decibel penalty for noise that occurs at night between 10 pm and 7am. Noise Standards and Guidelines have been developed in terms of the average annual DNL noise levels around airports.
 - *The Use Agreement has criteria that limits the noise from the airport based upon annual DNL. This includes a limit of 55 DNL at Moose and a limit of 45 DNL along a defined critical area boundary. This is determined based upon using the FAA noise model validated through noise monitoring.*
 - *The FAA has also established guidelines for residential land use that considers noise greater than 65 DNL as not compatible.*
- Aircraft Certificated Noise Levels. The FAA and other international aviation authorities certify aircraft based upon a prescribed noise measurement methodology. Aircraft are flown under specified controlled conditions and measured at three defined locations to define the relative noise level of that aircraft type.
 - *The Jackson Hole Noise Abatement Plan uses those official certification values to limit aircraft that are louder than 82 dBA at the certification approach measurement point. This value was chosen because it allowed the airport to restrict from operating at the airport an aircraft that was louder than the B737-200 aircraft that was the initial commercial aircraft to operate at the airport.*
 - *This certification value is a value at a one specific location more than a mile from the runway and is not to be confused with Lmax values from aircraft operating at the airport that can have higher values depending upon distance from the airport and flight path.*

AIRCRAFT TYPES

Commercial and Regional

Aircraft Type	Description	% of Total
A319	Airbus A319-112	
B737	Boeing 737-71Q	
A320	Airbus A320-232	
E75L	Embraer E175LL	
B752	Boeing 757-231	
CRJ7	Mitsubishi CRJ-701ER	
E190	Embraer Lineage 1000E	
E170	Embraer E175LL	
B738	Boeing 737-890	

Corporate General Aviation

Aircraft Type	Description	% of Total
E55P	Embraer Phenom 300	
C68A	Cessna 680-A Citation Latitude	
CL35	Bombardier Challenger 350	
CL30	Bombardier Challenger 300	
C750	Cessna 750 Citation X	
C25B	Cessna 525B Citation CJ3	
C56X	Cessna 560XL Citation Excel	
GLF4	Gulfstream IV	
C700	Cessna 700 Citation Longitude	
E545	Embraer Legacy 450	
CL60	Bombardier Challenger 601-3A	
C680	Cessna 680 Citation Sovereign	
GLF6	Gulfstream VI-G650	
GLEX	Bombardier Global 6000	
F2TH	Dassault Falcon 2000	
GALX	IAI Gulfstream G200 Galaxy	
H25B	BAe 125-800A	
C560	Cessna 560 Citation Encore	
F900	Dassault Falcon 900	
E550	Embraer Legacy 500	
GLF5	Gulfstream V	
G280	IAI Gulfstream G280	
BE40	Hawker 400	
GASC	Gulfstream VII-G500	
LJ60	Learjet 60	
C25C	Cessna 525C Citation CJ4	
C25A	Cessna 525A Citation CJ2	
HDJT	Honda HA-420 HondaJet	
GL5T	Bombardier Global 5000	
FA7X	Dassault Falcon 7X	