

Fly Quiet Program Update & Annual Noise Report Summary

April 1, 2024 – June 30, 2024
2nd Quarter 2024 Update





2024 Q2 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

Local voluntary initiative; operator involvement is critical

Provides information to users on how to improve their operations

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

****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**

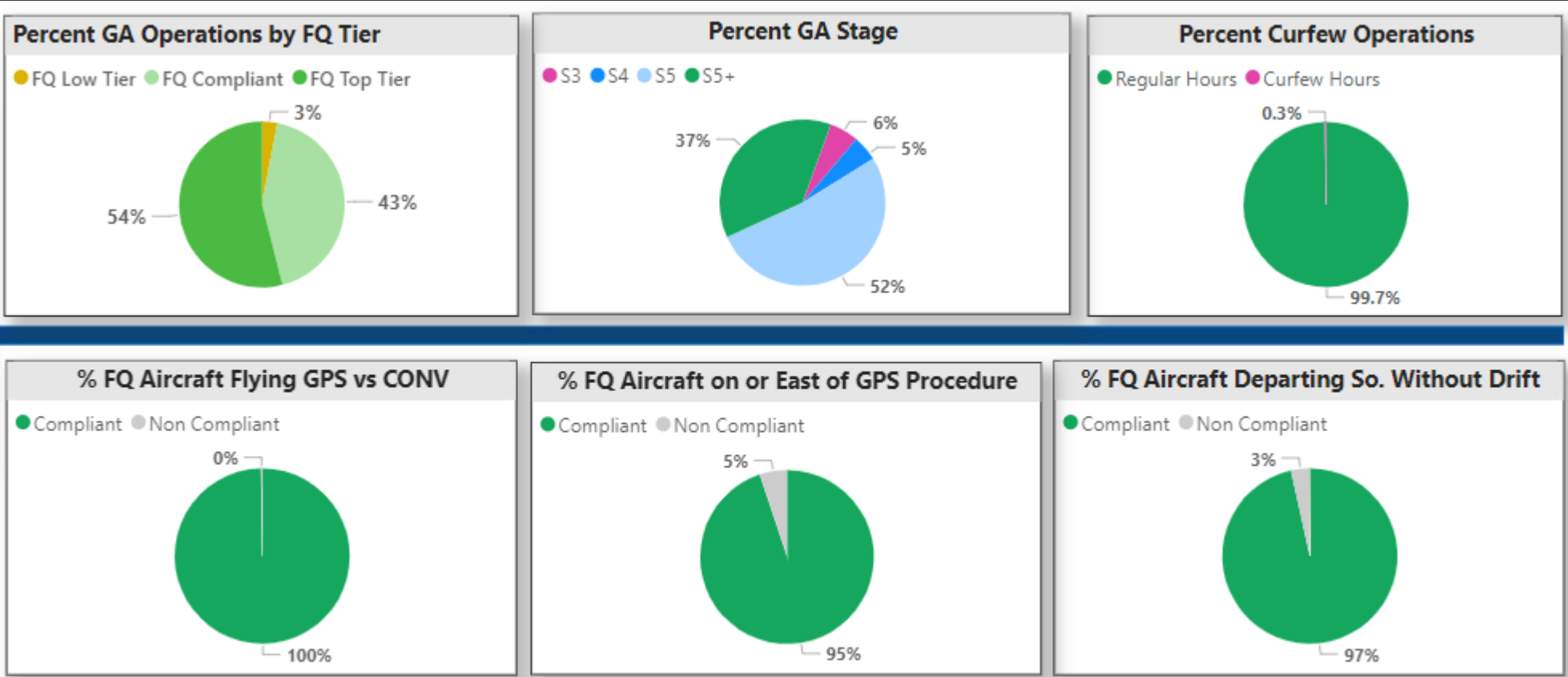
- All Fly Quiet Aircraft are scored and grouped in the categories below

- **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 annual operations (12 per quarter)
GA Fleet Operator (i.e. NetJets, fractional owners/fleets also referred to as Part 135)	-Operators with between 16 and 47 annual operations (Between 6 and 12 per quarter) -Operators with 47 or more annual operations (12 per quarter)
GA Single Owner/Operator (i.e., N1234)	-Operators with between 16 and 47 annual operations (Between 6 and 12 per quarter) -Operators with 47 or more annual operations (12 per quarter)



2024 Q2 FLY QUIET OPERATIONS SUMMARY

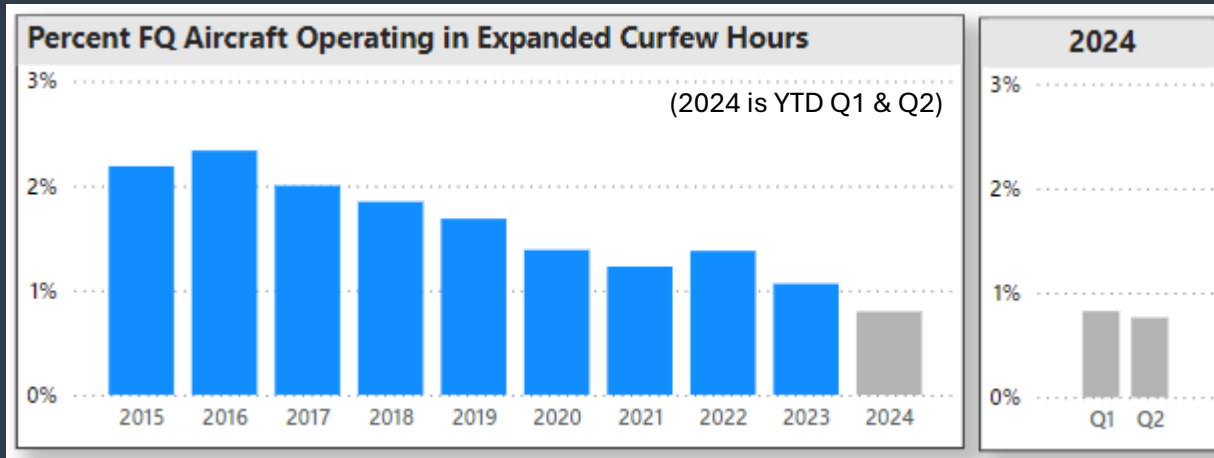


Data is from the Airport's Noise Monitoring System and may not exactly match official FAA counts.

- 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 Q1 Q2 FLY QUIET PROGRAM TRENDS CURFEW HOURS OPERATIONS



- During the second 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 second 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.



2024 Q1 AND Q2 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	90.3
EJM	Executive Jet Management	71.7	69.5	77.5	80.2	88.4	83.9	77.8	75.8	77.8	87.1
LXJ	Bombardier FlexJet	68.7	73.3	80.0	83.5	80.9	82.8	83.5	83.8	85.3	86.4
OPT	Flight Options	72.0	70.5	87.0	86.3	86.6		77.9		90.4	85.1
TTE	Avcenter	54.1	46.4	68.0	64.5	59.1	48.1	67.8	58.4	80.7	83.2
XOJ	XOJet	84.4	86.7	92.6	93.1	80.7	94.6	87.9	99.3	103.3	101.7

2024 Q1 & Q2			
Operator	Operator Name	Q1	Q2
EDG	Jet Edge	87.9	92.7
EJA	NetJets Aviation	94.7	89.6
EJM	Executive Jet Management	89.6	83.7
LXJ	Bombardier FlexJet	85.1	94.9
OPT	Flight Options	87.1	77.9
TTE	Avcenter	81.9	87.8
XOJ	XOJet	105.0	98.3

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

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

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	7
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	13
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 Q1 & Q2			
Operator	Operator Name	Q1	Q2
EDG	Jet Edge	0	0
EJA	NetJets Aviation	2	5
EJM	Executive Jet Management	1	0
LXJ	Bombardier FlexJet	12	1
OPT	Flight Options	0	0
TTE	Avcenter	0	0
XOJ	XOJet	0	0

2024 Q1 Q2 Extrapolated to Full Year
0
14
2
26
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%	0.4%
EJM	Executive Jet Management	1.3%	1.3%	3.0%	2.6%	0.0%	0.4%	0.9%	1.4%	1.0%	0.6%
LXJ	Bombardier FlexJet	2.0%	1.5%	3.1%	2.1%	2.3%	1.1%	1.7%	2.3%	1.4%	1.4%
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%

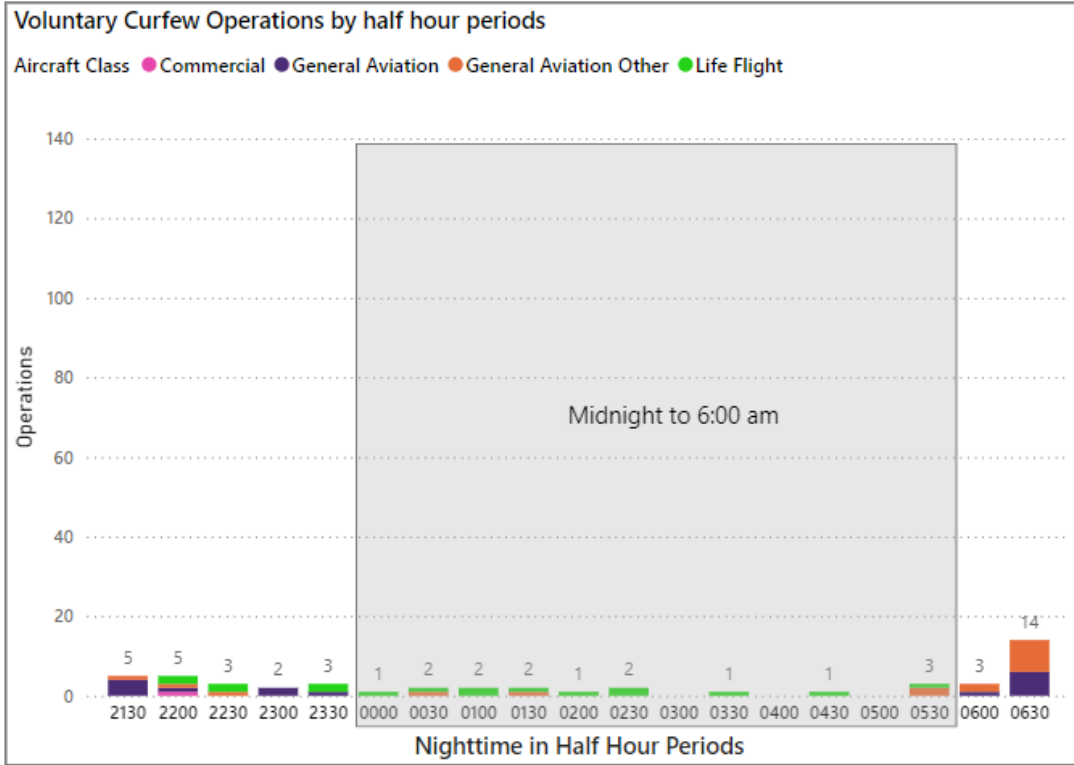
2024 Q1 & Q2			
Operator	Operator Name	Q1	Q2
EDG	Jet Edge	0.0%	0.0%
EJA	NetJets Aviation	0.2%	0.7%
EJM	Executive Jet Management	1.2%	0.0%
LXJ	Bombardier FlexJet	2.2%	0.3%
OPT	Flight Options	0.0%	0.0%
TTE	Avcenter	0.0%	0.0%
XOJ	XOJet	0.0%	0.0%

(2024 is YTD Q1 & Q2)



2024 Q2-CURFEW HOURS OPERATIONS INCLUDING FQ AND OTHER OPERATIONS

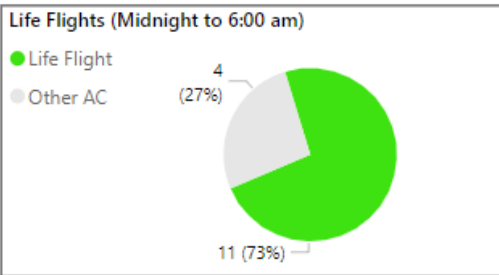
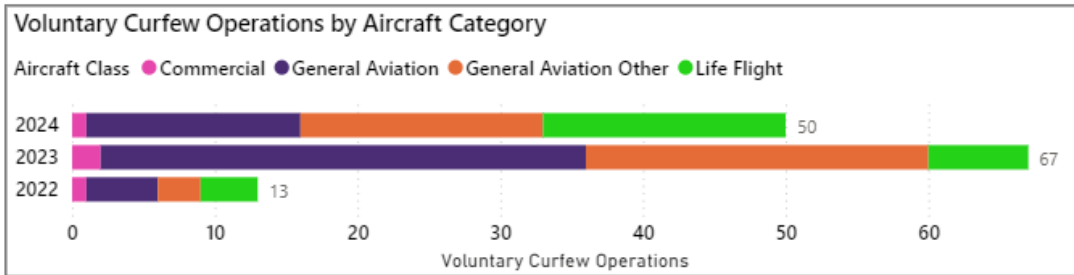
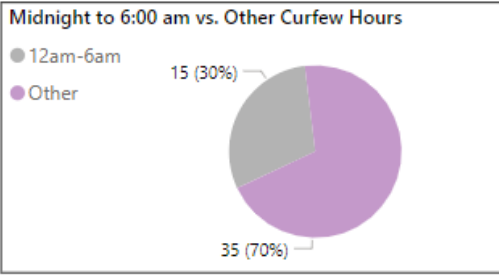
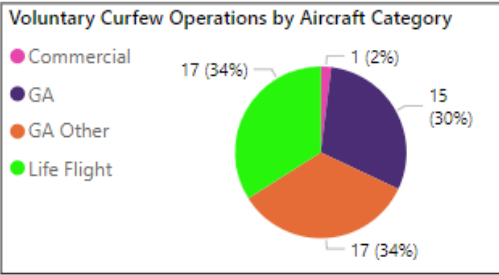
Night Operations (Voluntary Curfew Hours) 2024 Q2



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



- **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.

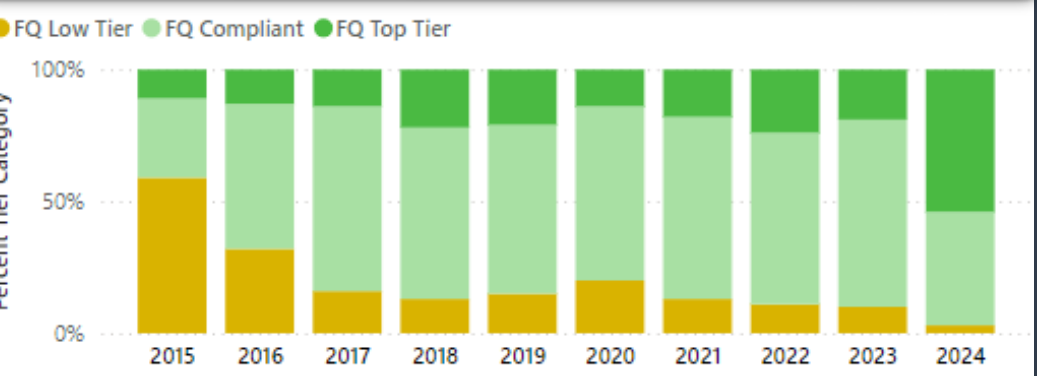
For comparative purposes, data for prior years is 2nd quarter only



2024 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



Planned 2024 Activities

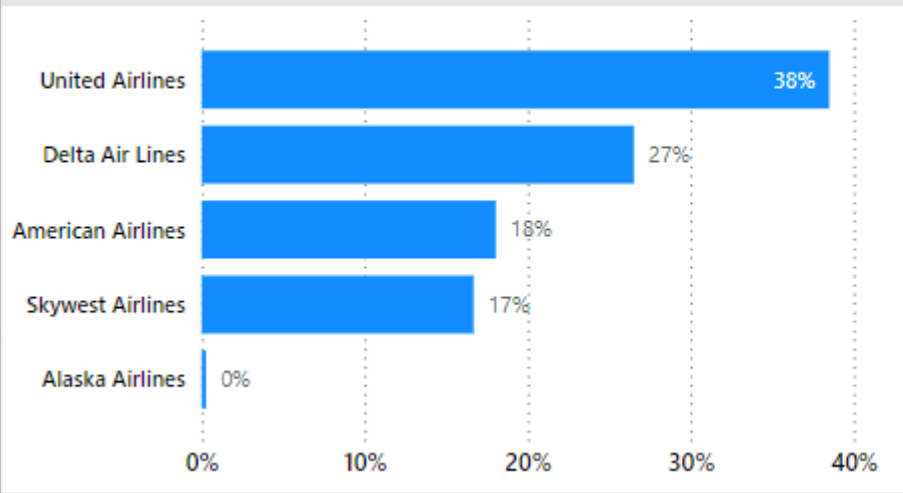
- Promote Top Tier operators
- Continue to work with Low Tier operators to improve score
- Contact operators that continue to have curfew hour operations
- Outreach to operators each quarter with performance metrics
- Advertise and promote Fly Quiet Top Tier operators in national industry publications

2024 Q2 Period Only
Fly Quiet Detailed Results

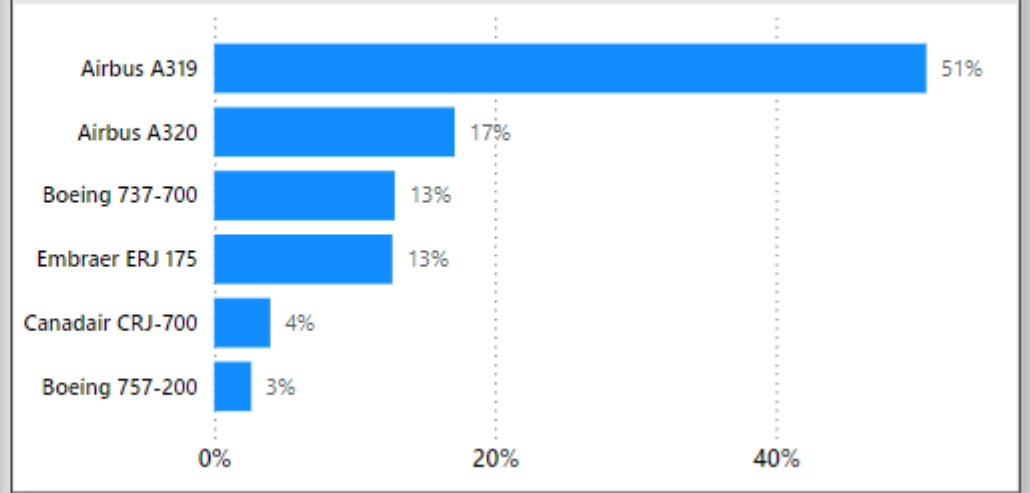


2024 Q2 FLY QUIET OPERATIONS SUMMARY

Commercial Operators (%)



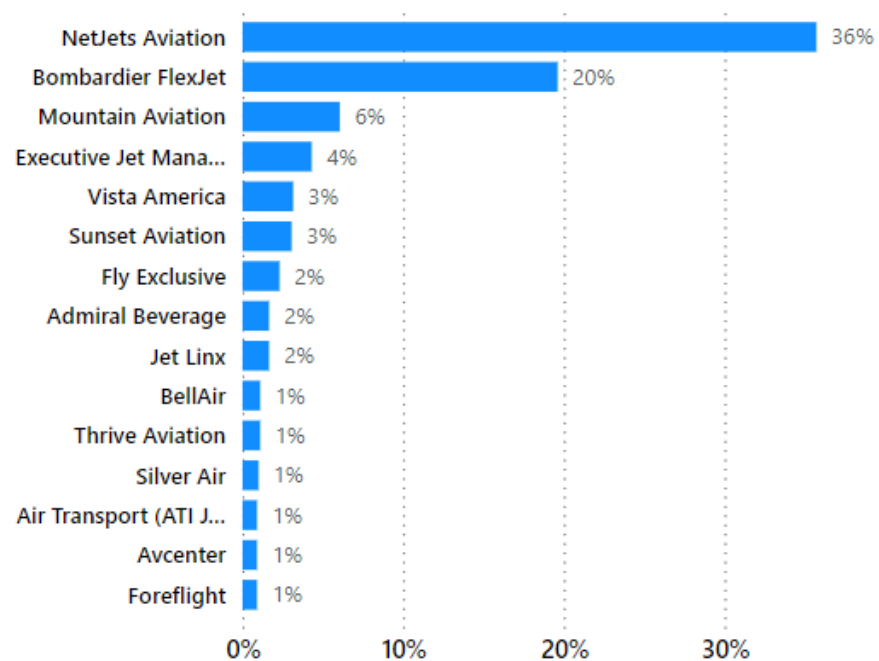
Commercial Aircraft (%)



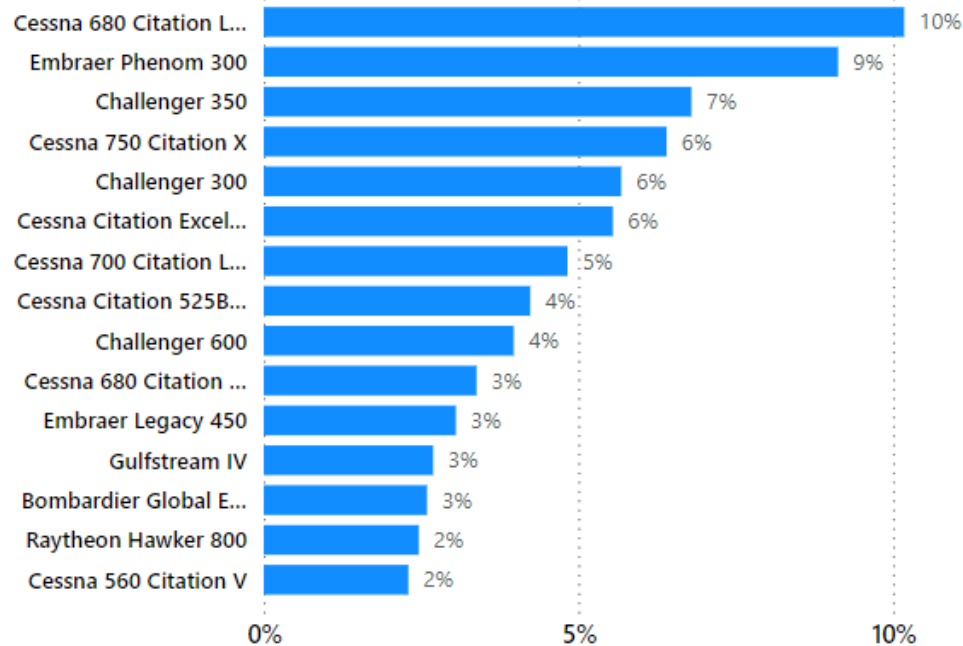


2024 Q2 FLY QUIET OPERATIONS SUMMARY

Top 15 GA Operators (%)



GA Aircraft (%) of Operations



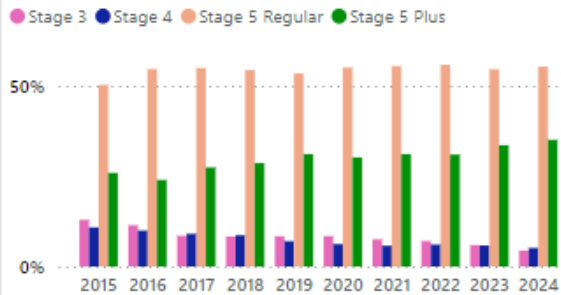


2024 Q1 Q2 FLY QUIET PROGRAM TRENDS INDIVIDUAL ELEMENTS

Fleet Quality (2024 is YTD Q1 & Q2)

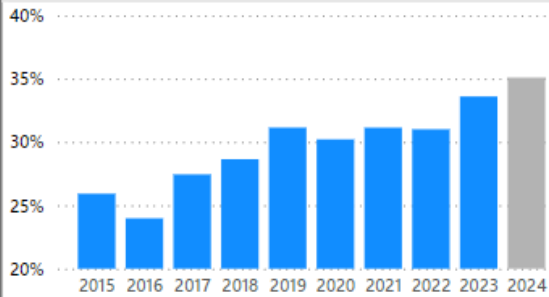
GA Percent Stage Certification

Percent GA Aircraft by Noise Stage

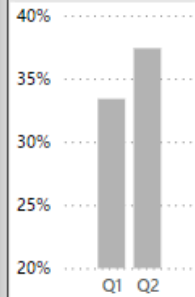


Percent GA Stage 5+ (10 dB better than Stage 5)

Percent GA Aircraft are Stage 5 Plus



2024

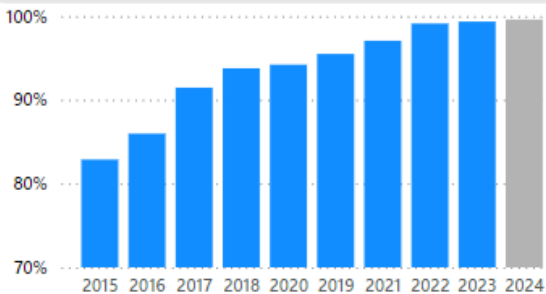


- Aircraft fleet quality has improved due to older, louder GA aircraft replaced with newer, quieter aircraft
 - In 2015, 80% of GA were Stage 5
 - In YTD 2024, 94% of GA were Stage 5
- All flight procedure measures showed improvement over the past years.
- The use of the new arrival procedure is low,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

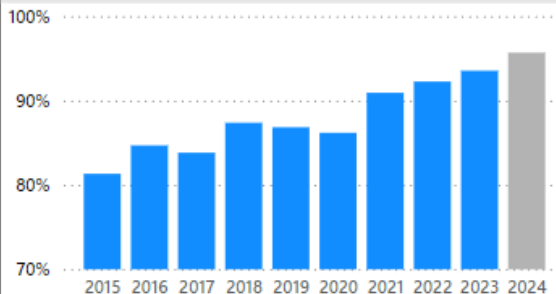
Flight Procedure Compliance (2024 is YTD Q1 & Q2)

Flight Procedures Compliance

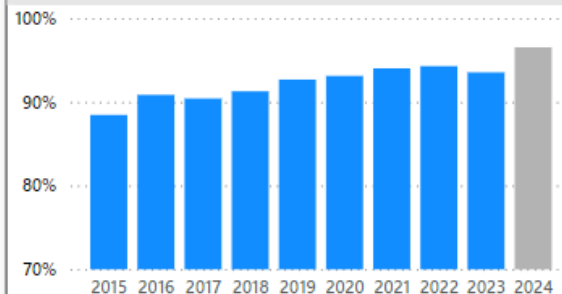
Percent FQ Aircraft Flying GPS vs CONV



Percent FQ Aircraft on or East of GPS Procedure

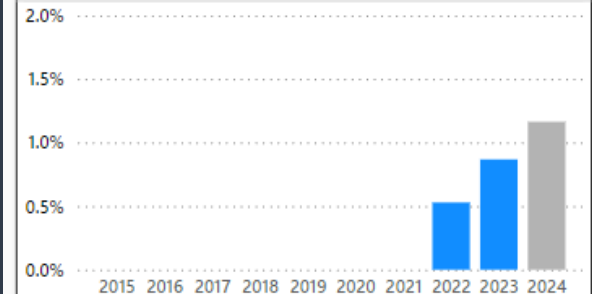


Percent FQ Aircraft Departing So. Without Drift



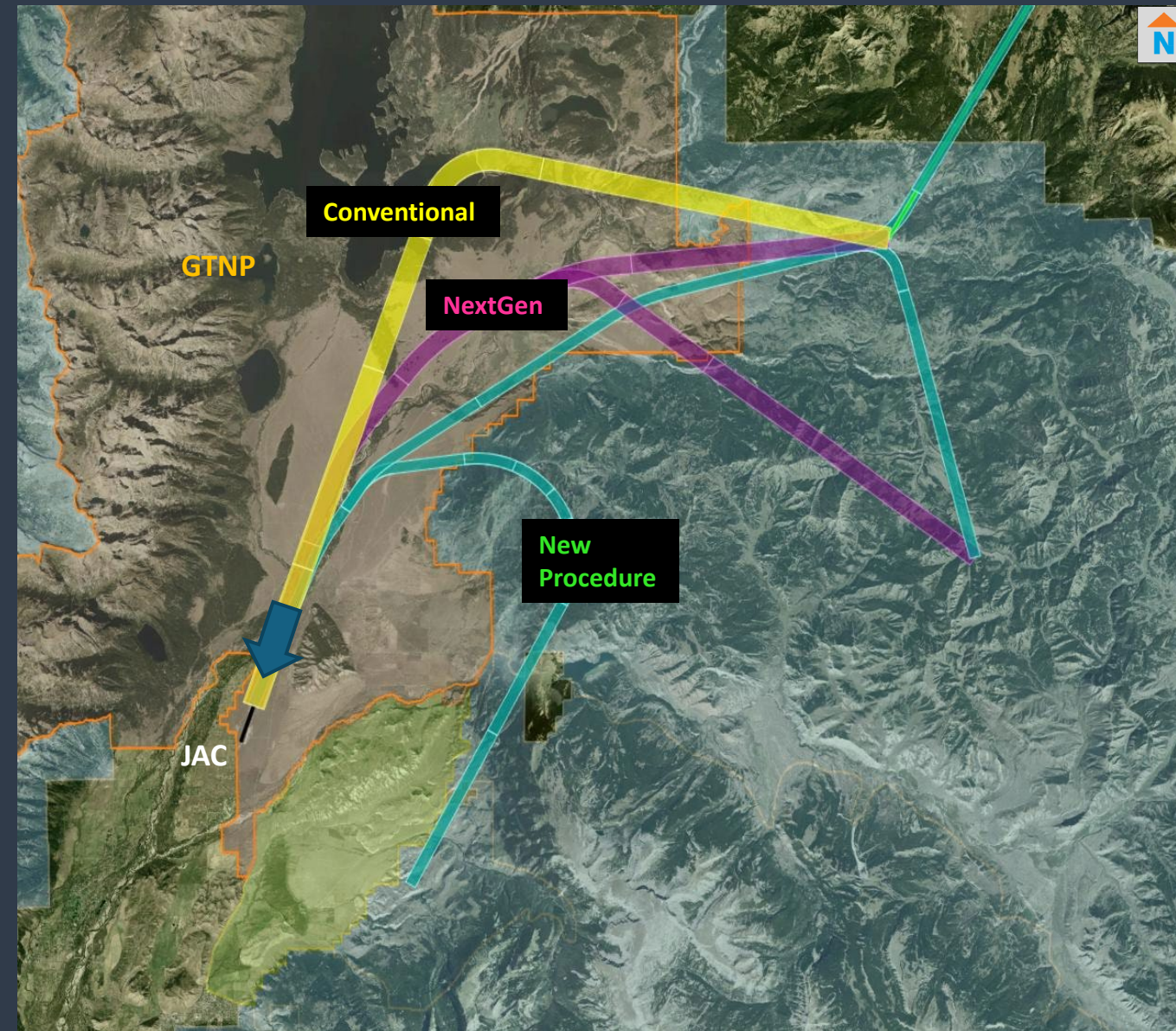
Percent New Arrival Procedure Use

Per. So. Arrivals of FQ Aircraft on New Procedure



SOUTH ARRIVAL PROCEDURES OVER GTNP

(CONVENTIONAL / NEXTGEN / NEW PROCEDURE)



NextGen Flight Path Compliance

- Flying NextGen path vs conventional path

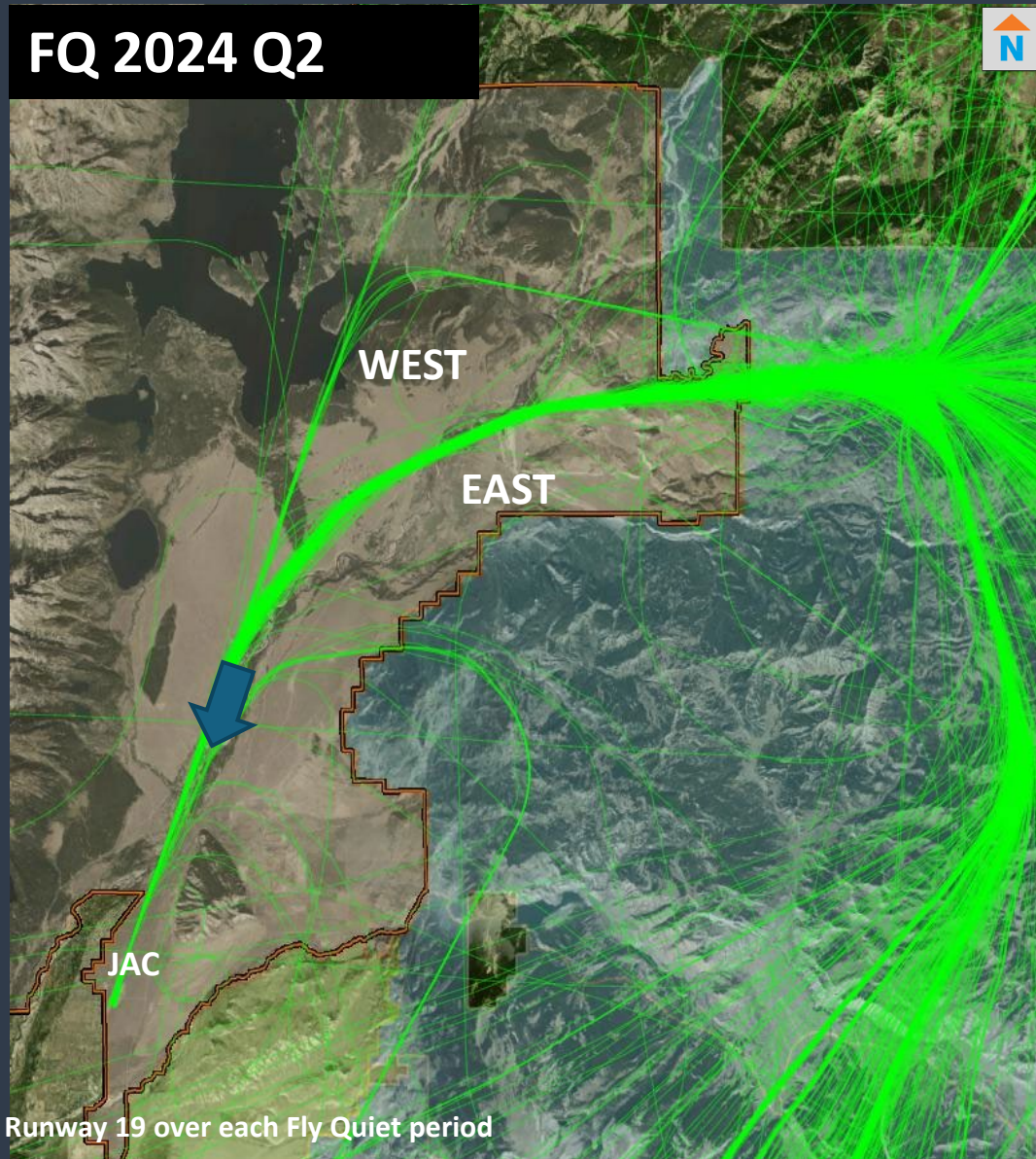
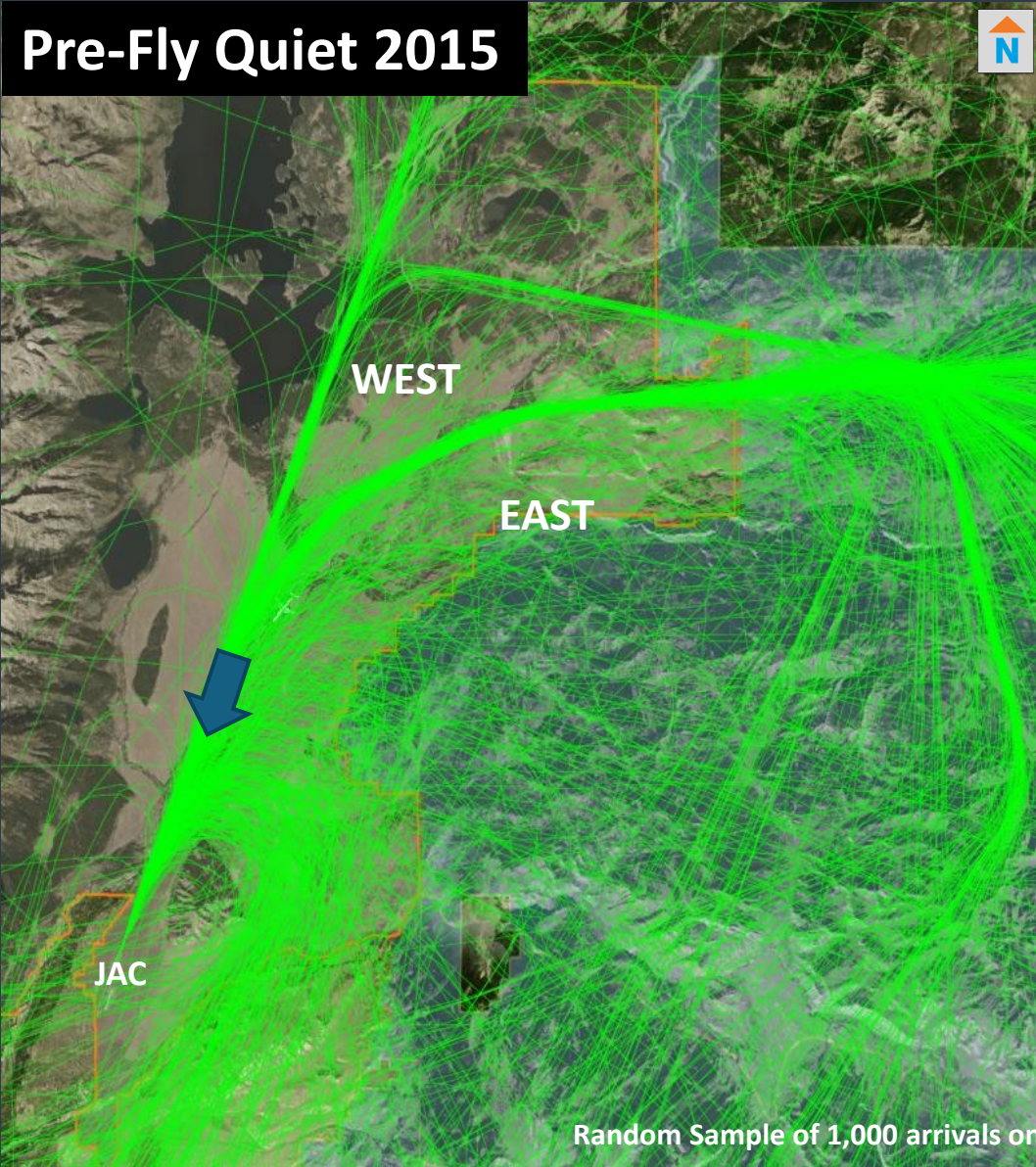
East of NextGen Flight Path

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

New Procedure Flight Path

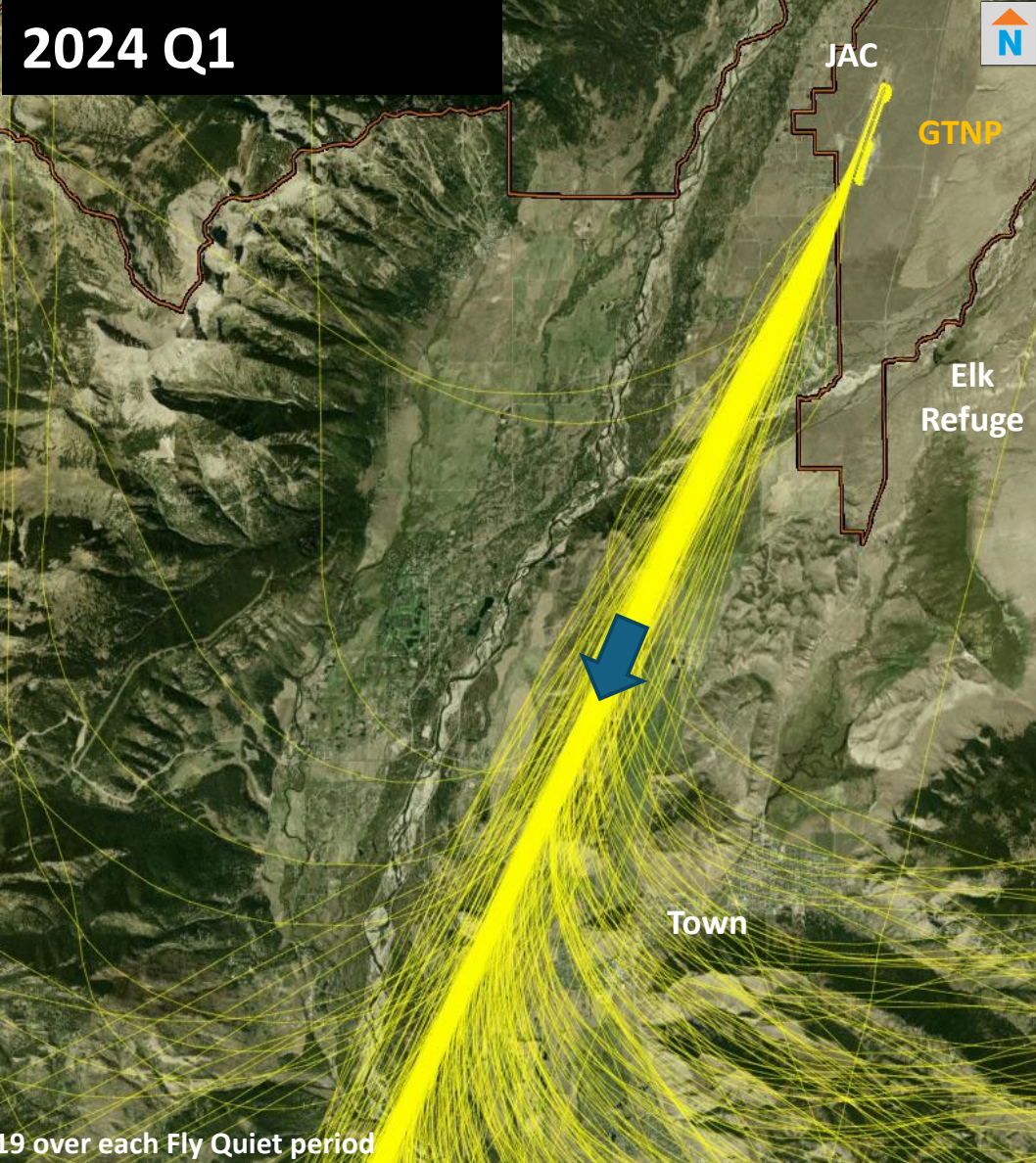
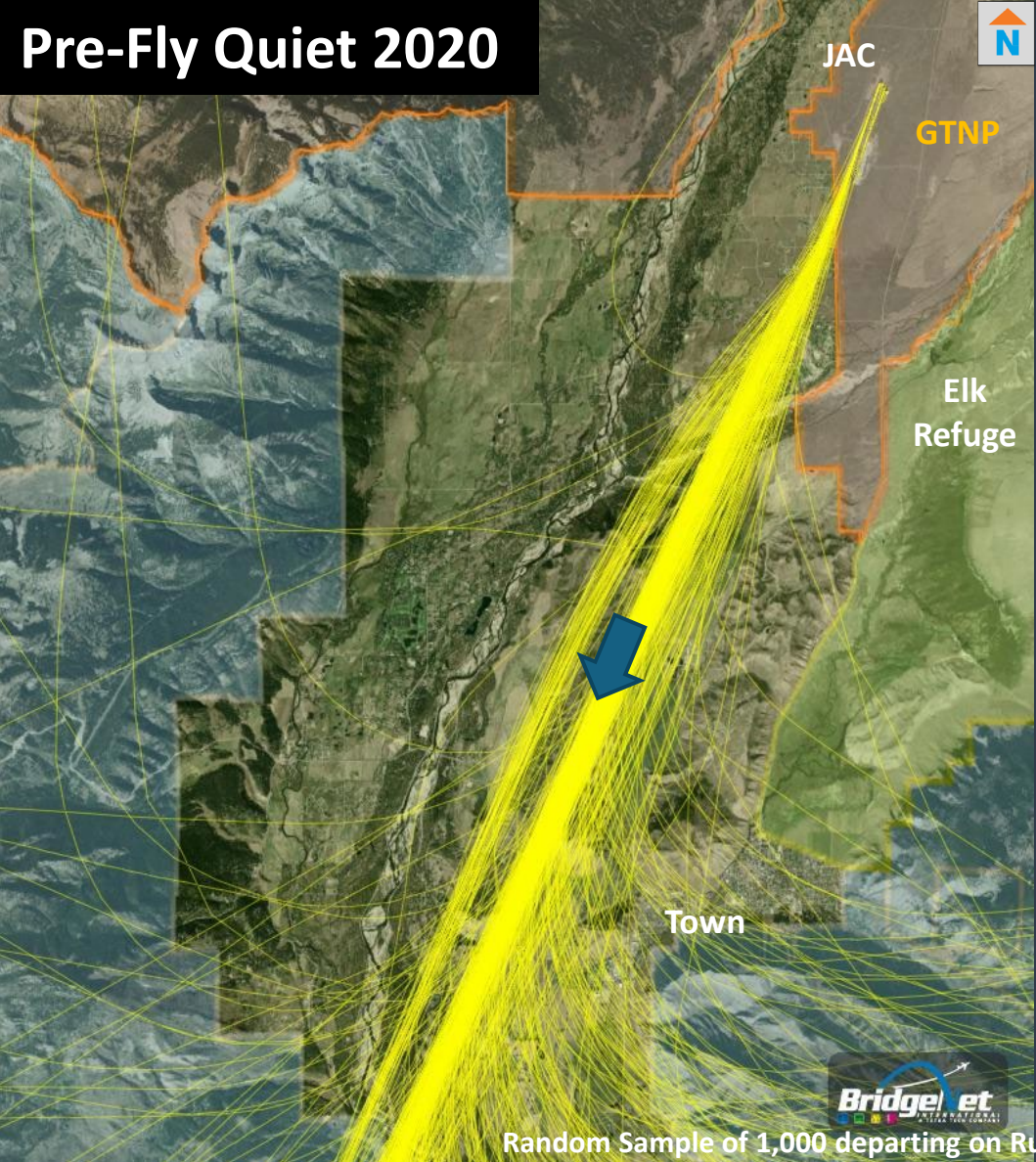
- Bonus points for flying the new procedure

ARRIVAL FLIGHT TRACKS OVER GTNP (PRE-FLY QUIET 2015 VS. 2024 Q2)



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

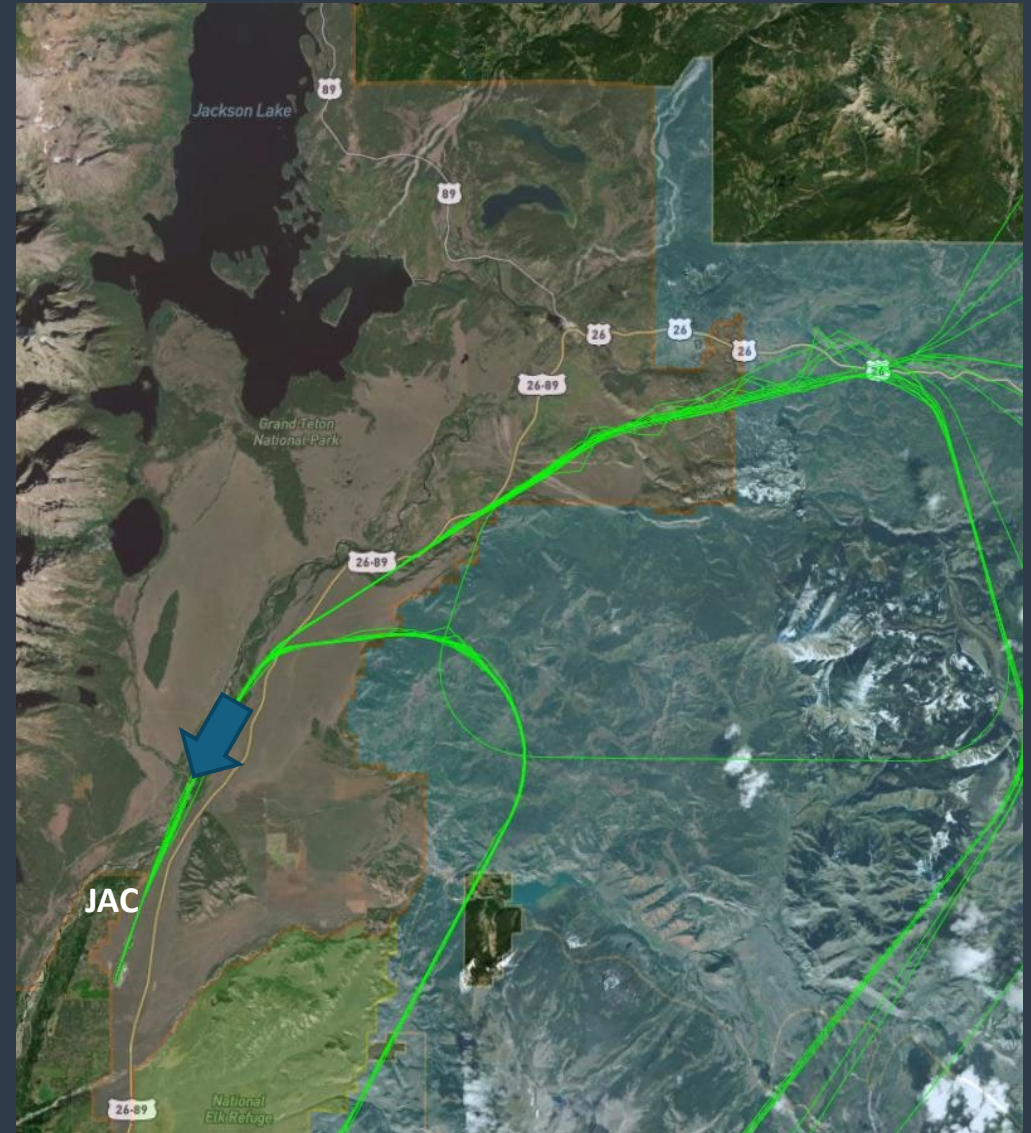
SOUTH DEPARTURE FLIGHT PROCEDURES (PRE-FLY QUIET 2020 VS. 2024 Q2)



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

NEW PROCEDURE ARRIVAL USAGE 2024 Q2

- 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. In the 2nd quarter it was flown 26 times If projected for the full year that would be **114**
- All commercial operators have flown the procedure
- Delta was largest users of procedure
- NetJets and Regency also flew the procedure



GA FLEETS

12 OPERATIONS PER QUARTER OR GREATER – FLY QUIET SCORE
2024 Q2

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-Q2
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
OPN	K&R Aviation	15		25.0	23.1	25.0	25.0	5.0	0	103.1
XSR	Airshare	15	CL35	24.8	25.0	22.1	25.0	3.0	0	99.9
FTH	Mountain Aviation	121	C25B	25.0	24.3	21.5	25.0	3.0	0	98.8
XOJ	XOJet	14	C750	25.0	25.0	18.3	25.0	5.0	0	98.3
FFL	Foreflight	18	E55P	25.0	21.0	22.9	25.0	4.4	0	98.3
CYO	Air Transport (ATI Jet)	18	LJ60	25.0	19.8	22.6	25.0	5.0	0	97.4
TIV	Thrive Aviation	22	C680	25.0	23.1	20.7	25.0	1.8	0	95.6
TWY	Sunset Aviation	61	GLF6	23.7	24.4	22.3	25.0	0.0	0	95.3
LXJ	Bombardier FlexJet	392	CL35	24.6	24.5	21.5	22.0	2.2	0	94.9
VJA	Vista America	63	CL30	24.4	25.0	17.9	25.0	0.0	0	92.3
JRE	Fly Exclusive	46	C56X	25.0	23.1	16.4	25.0	1.4	0	91.0
PXT	Pacific Coast Jet	14	C25B	24.7	22.2	17.9	25.0	0.0	0	89.7
EJA	NetJets Aviation	714	C68A	24.8	24.4	22.2	14.1	3.1	1	89.6
TTE	Avcenter	18	C560	22.8	18.8	21.2	25.0	0.0	0	87.8
JTL	Jet Linx	33	F2TH	24.0	24.4	10.5	25.0	1.1	0	85.0
EJM	Executive Jet Management	86	GLF4	23.3	24.8	10.1	25.0	0.5	0	83.7
SIS	Silver Air	20	C25B	24.0	20.0	8.3	25.0	4.0	0	81.4
TCN	BellAir	22		19.9	23.2	12.5	25.0	0.5	0	81.1
SGO	Admiral Beverage	33	H25B	18.1	25.0	7.7	25.0	0.0	0	75.8
RGY	Regency Airlines	12	BE40	15.4	22.2	12.5	22.0	0.0	1	73.1
CNS	Cobalt Air	12	PC24	21.6	23.6	2.8	25.0	0.0	0	73.0

GA FLEETS

BETWEEN 12 AND 6 OPERATIONS PER QUARTER – FLY QUIET SCORE
2024 Q2

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-Q2
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
JTZ	Nicholas Air	11	E55P	25.0	25.0	25.0	25.0	5.0	0	105.0
WMN	Trident Aircraft	8	C680	25.0	25.0	25.0	25.0	5.0	0	105.0
JCY	Aerius Management	6	FA7X	25.0	25.0	25.0	25.0	0.0	0	100.0
VNT	Rise to the Challenger	8	CL60	23.6	25.0	25.0	25.0	0.0	0	98.6
UJC	Ultimate Air Shuttle	10	C750	25.0	22.9	18.8	25.0	5.0	0	96.7
SVL	Sun Devil Aviation	8	C25C	22.5	22.9	25.0	25.0	0.0	0	95.4
IJA	International Jet Aviation	8	LJ60	18.9	25.0	25.0	25.0	1.3	0	95.2
HER	Hera Flight	8	C750	23.8	25.0	16.7	25.0	2.5	0	92.9
PGR	Prestige Air Group	6	PRM1	23.4	25.0	17.9	25.0	0.0	0	91.3
XLJ	XCEL JET	8	LJ40	24.6	20.8	16.7	25.0	0.0	0	87.0
VJT	Vistajet	6	GLEX	23.4	25.0	12.5	25.0	0.0	0	85.9
PFT	Paragon Airways	8	C750	23.3	25.0	10.7	25.0	0.0	0	84.0
FWK	Flightworks	11	GALX	23.1	23.3	12.5	25.0	0.0	0	84.0
OPT	Flight Options	9	BE40	15.4	25.0	12.5	25.0	0.0	0	77.9
MWT	Midwest Aviation	7	C550	16.4	25.0	10.7	25.0	0.0	0	77.1
KPO	NXT Jet	6	GLF4	23.0	19.4	12.5	19.0	1.7	0	75.7
WDY	Phoenix Airline Services	10	GA6C	22.0	23.3	5.0	25.0	0.0	0	75.3
OKC	Private Jets	8	E35L	19.4	22.2	8.3	25.0	0.0	0	75.0

GA SINGLE OPERATORS

12 OPERATIONS PER QUARTER OR GREATER – FLY QUIET SCORE
2024 Q2

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-Q2
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
OPN	K&R Aviation	15		25.0	23.1	25.0	25.0	5.0	0	103.1
XSR	Airshare	15	CL35	24.8	25.0	22.1	25.0	3.0	0	99.9
FTH	Mountain Aviation	121	C25B	25.0	24.3	21.5	25.0	3.0	0	98.8
XOJ	XOJet	14	C750	25.0	25.0	18.3	25.0	5.0	0	98.3
FFL	Foreflight	18	E55P	25.0	21.0	22.9	25.0	4.4	0	98.3
CYO	Air Transport (ATI Jet)	18	LJ60	25.0	19.8	22.6	25.0	5.0	0	97.4
TIV	Thrive Aviation	22	C680	25.0	23.1	20.7	25.0	1.8	0	95.6
TWY	Sunset Aviation	61	GLF6	23.7	24.4	22.3	25.0	0.0	0	95.3
LXJ	Bombardier FlexJet	392	CL35	24.6	24.5	21.5	22.0	2.2	0	94.9
VJA	Vista America	63	CL30	24.4	25.0	17.9	25.0	0.0	0	92.3
JRE	Fly Exclusive	46	C56X	25.0	23.1	16.4	25.0	1.4	0	91.0
PXT	Pacific Coast Jet	14	C25B	24.7	22.2	17.9	25.0	0.0	0	89.7
EJA	NetJets Aviation	714	C68A	24.8	24.4	22.2	14.1	3.1	1	89.6
TTE	Avcenter	18	C560	22.8	18.8	21.2	25.0	0.0	0	87.8
JTL	Jet Linx	33	F2TH	24.0	24.4	10.5	25.0	1.1	0	85.0
EJM	Executive Jet Management	86	GLF4	23.3	24.8	10.1	25.0	0.5	0	83.7
SIS	Silver Air	20	C25B	24.0	20.0	8.3	25.0	4.0	0	81.4
TCN	BellAir	22		19.9	23.2	12.5	25.0	0.5	0	81.1
SGO	Admiral Beverage	33	H25B	18.1	25.0	7.7	25.0	0.0	0	75.8
RGY	Regency Airlines	12	BE40	15.4	22.2	12.5	22.0	0.0	1	73.1
CNS	Cobalt Air	12	PC24	21.6	23.6	2.8	25.0	0.0	0	73.0

GA SINGLE OPERATOR (PART 2)

BETWEEN 12 AND 6 OPERATION PER QUARTER – FLY QUIET SCORE
2024 Q2

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-Q2		
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
N12BA	3HBA LLC	10	C750	25.0	25.0	25.0	25.0	5.0	0	105.0
N894KS	KS Air Charter, LLC	6	C68A	25.0	25.0	25.0	25.0	5.0	0	105.0
N54PV	Moss Lane Ventures, LLC	10	C510	25.0	22.9	25.0	25.0	5.0	0	102.9
N31SS	SEGAL LAW FIRM	8	E55P	25.0	25.0	20.5	25.0	5.0	0	100.5
N122WY	Strategic Organizational Man...	6	C25B	25.0	25.0	25.0	25.0	0.0	0	100.0
N492CA	Cava, LLC	8	C700	25.0	25.0	25.0	25.0	0.0	0	100.0
N585WT	Kedec Services, LLC	8	C25B	25.0	25.0	25.0	25.0	0.0	0	100.0
N640AF	Vela Flight 2, LLC	6		25.0	25.0	25.0	25.0	0.0	0	100.0
N610DP	Westair Corporation	6	G280	24.0	25.0	25.0	25.0	0.0	0	99.0
N7890W	OVERLAND AIR LLC	8	C25C	22.5	25.0	25.0	25.0	0.0	0	97.4
N650JC	Cushman Enterprises, LLC	8		25.0	20.8	20.0	25.0	5.0	0	95.8
N75TP	Crimson Excel, LLC	6		25.0	19.4	25.0	25.0	0.0	0	94.4
N97VS	VS Aviation, LLC	6	C56X	25.0	16.7	25.0	25.0	0.0	0	91.7
N917PG	SN 142, LLC	8		25.0	18.1	16.7	25.0	5.0	0	89.7
N104QT	FREEBASE HOLDING LLC	10	F2TH	20.4	25.0	18.3	25.0	0.0	0	88.7
N82RL	604, LLC	8	CL60	23.2	25.0	15.0	25.0	0.0	0	88.1
N102WY	State of Wyoming - Dept. of T...	10	C560	18.3	18.7	25.0	25.0	0.0	0	87.0
N597RB	Comercial de Juegos de la Fr...	6		21.6	25.0	15.0	25.0	0.0	0	86.6
N970CC	FJ20 166, LLC	10	F900	20.0	22.9	17.9	25.0	0.0	0	85.8
N605RT	Mountaingate, LLC	6		23.2	25.0	12.5	25.0	0.0	0	85.6
N532LW	Go Fast, LLC	6		25.0	22.2	12.5	25.0	0.0	0	84.7
N583AJ	Come Fly With Me, LLC	6		21.9	25.0	12.5	25.0	0.0	0	84.4
N334AF	SusieAir, LLC	6	CL30	25.0	25.0	8.3	25.0	0.0	0	83.3
N11AQ	TSL 1 LLC	10	GLEX	21.8	25.0	11.1	25.0	0.0	0	82.9
N211PB	JOUST CAPITAL III LLC	8	GLEX	21.8	22.9	12.5	25.0	0.0	0	82.2
N827Z	FTFH LLC	6		22.2	25.0	8.3	25.0	0.0	0	80.6
N7MR	SCB Falcon, LLC	10		19.1	21.7	12.5	25.0	0.0	0	78.3
N54VM	New Anabet Corporation	9		15.9	22.2	12.5	25.0	0.0	0	75.6
N950SF	Teton Sales and Leasing, LLC	6	F900	20.0	19.4	8.3	25.0	0.0	0	72.8

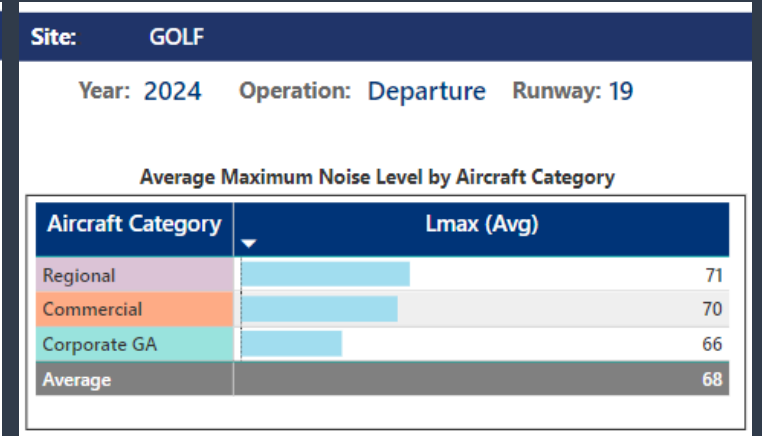
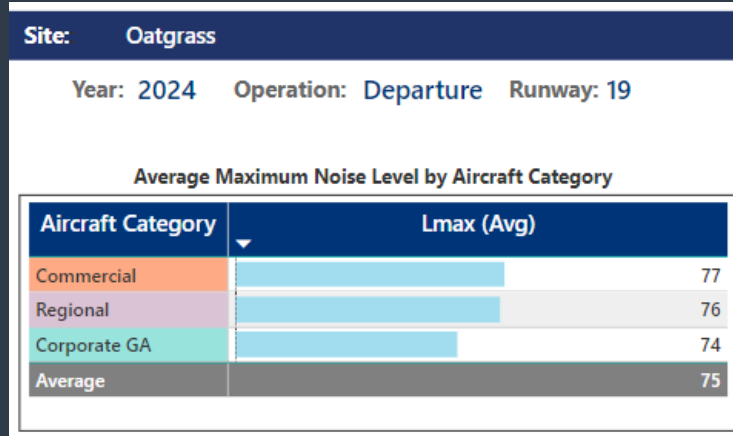
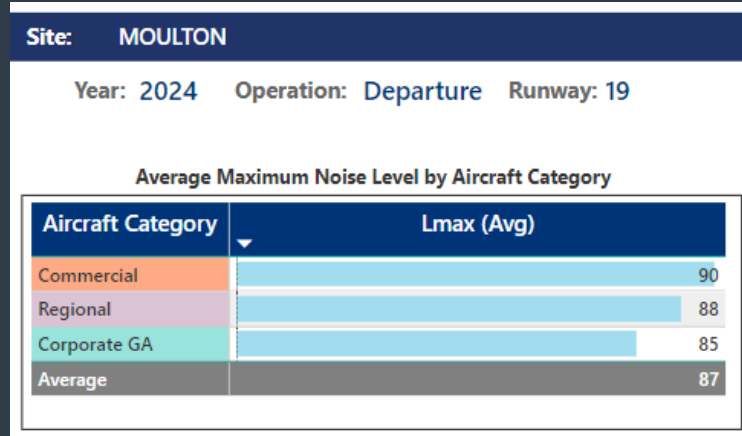
COMMERCIAL – FLY QUIET SCORE 2024 Q2 ONLY

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

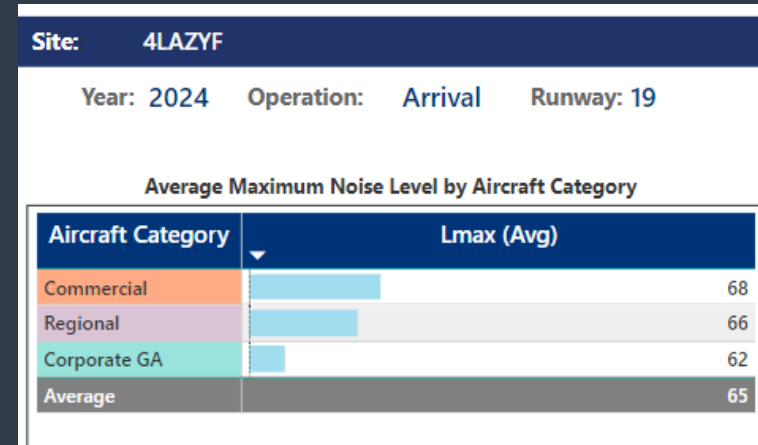
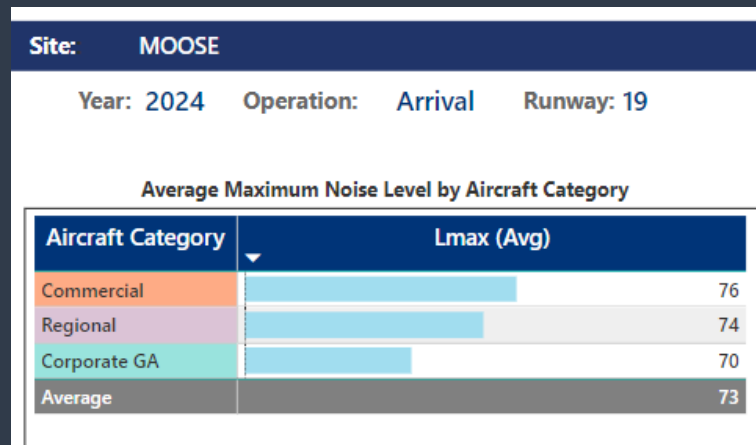
JAC Fly Quiet Score										2024-Q2
OPERATOR				FLY QUIET ELEMENTS				BONUSES		OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Primary Aircraft Type	Quiet Fleet Score (25 Points)	Follow Procedures Score (25 points)	Quieter Events Score (25 Points)	Voluntary Curfew Score (25 Points)	Quiet Fleet Bonus (5 pts)	Fly Procedure Bonus (5 pts)	Total Fly Quiet Score
DAL	Delta Air Lines	604	A319	18.2	25.0	19.1	22.0	0.0	2	86.2
UAL	United Airlines	877	A320	17.9	24.8	13.7	25.0	0.0	1	82.4
AAL	American Airlines	411	A319	18.3	24.9	7.6	25.0	0.0	0	75.8
SKW	Skywest Airlines	380	E75L	17.2	24.9	7.4	25.0	0.0	0	74.4
ASA	Alaska Airlines	6	B737	17.7	22.2	8.3	25.0	0.0	1	74.2

2024 Q2 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	