

Fly Quiet Program

January 1, 2023 – December 31, 2023

Year-End Update

Jackson Hole Airport
March 2024



Goal of Fly Quiet

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 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 initiative; operator involvement is critical
- ❖ Provides information to users on how to improve their operations
- ❖ Publicly recognizes, both locally and nationally, the top scoring operators

**The Fly Quiet Program applies to Commercial and General Aviation Jet Operations only. All other 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 % higher noise events per total operations • Zero high events the highest score (100%)
Minimize Violation of Voluntary Curfew	Rated upon number of times an operation occurred during the voluntary curfew hours <i>9:30 pm to 7 am for GA arrivals and departures</i> <i>11:30 pm to 6:00 am for arrivals (Commerical)</i> <i>10:00 pm to 6:00 am for departures (Commerical)</i>	• Number of flights in curfew hours • <u>Low score</u> is based upon <u>greater number</u> of curfew violations • Zero curfew 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 flights flying procedure 1 or more given 1 point and 5 or more 2 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 Best and Poor operators in each category below

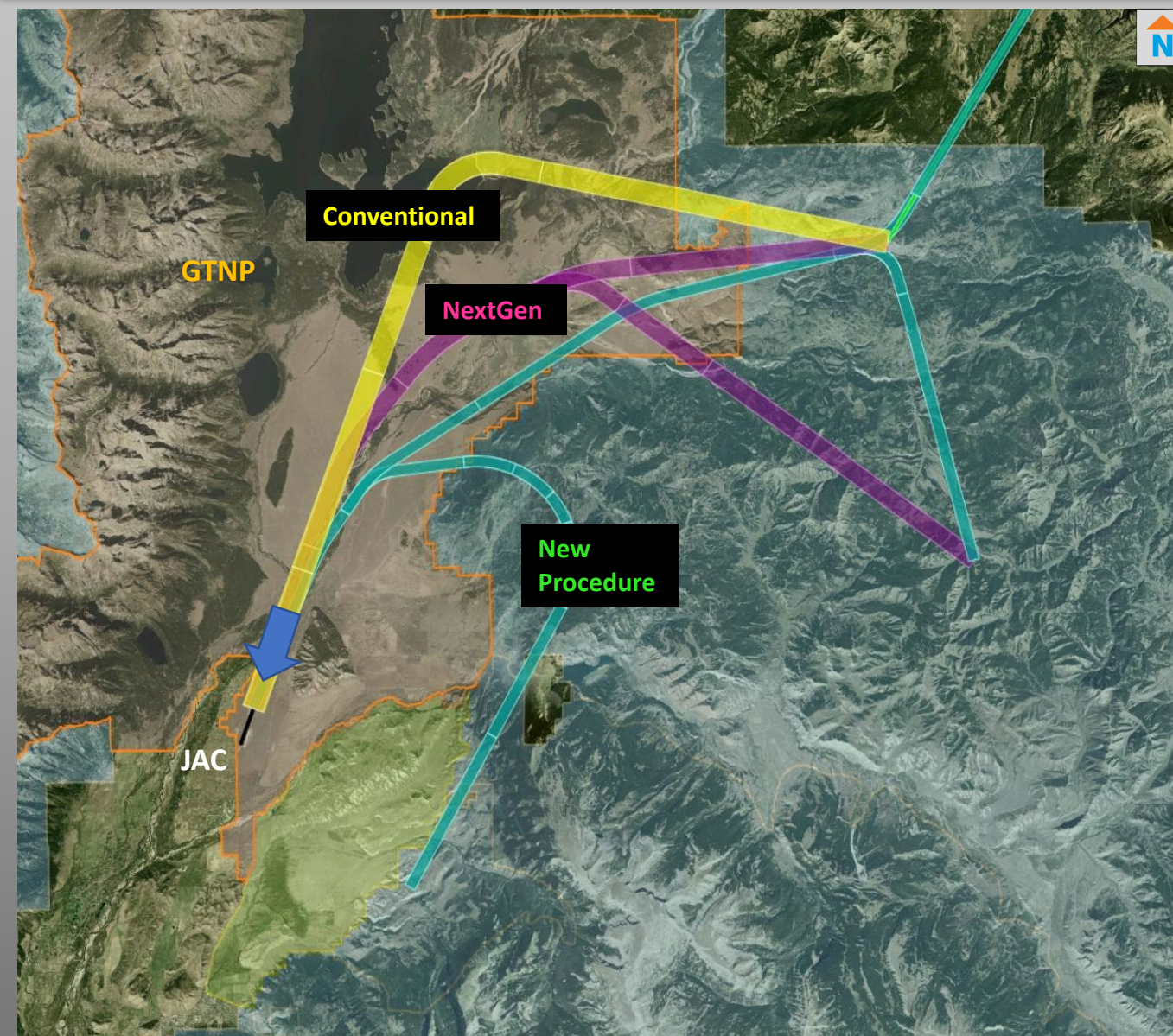
❖ Operations are categorized by type of operator and number of operations

CATEGORY OF OPERATOR	CLASSIFICATION BY NUMBER OF ANNUAL OPERATIONS
Commercial and Regional Airlines	Minimum of 12 operations
GA Fleets (i.e. fractional owners/fleets also referred to as Part 135)	-Operators with 30 or more flights -Operators with between 29 and 8 operations
Single Owner/ Operator (i.e., N1234)	-Operators with 30 or more flights -Operators with between 29 and 8 operations

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



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

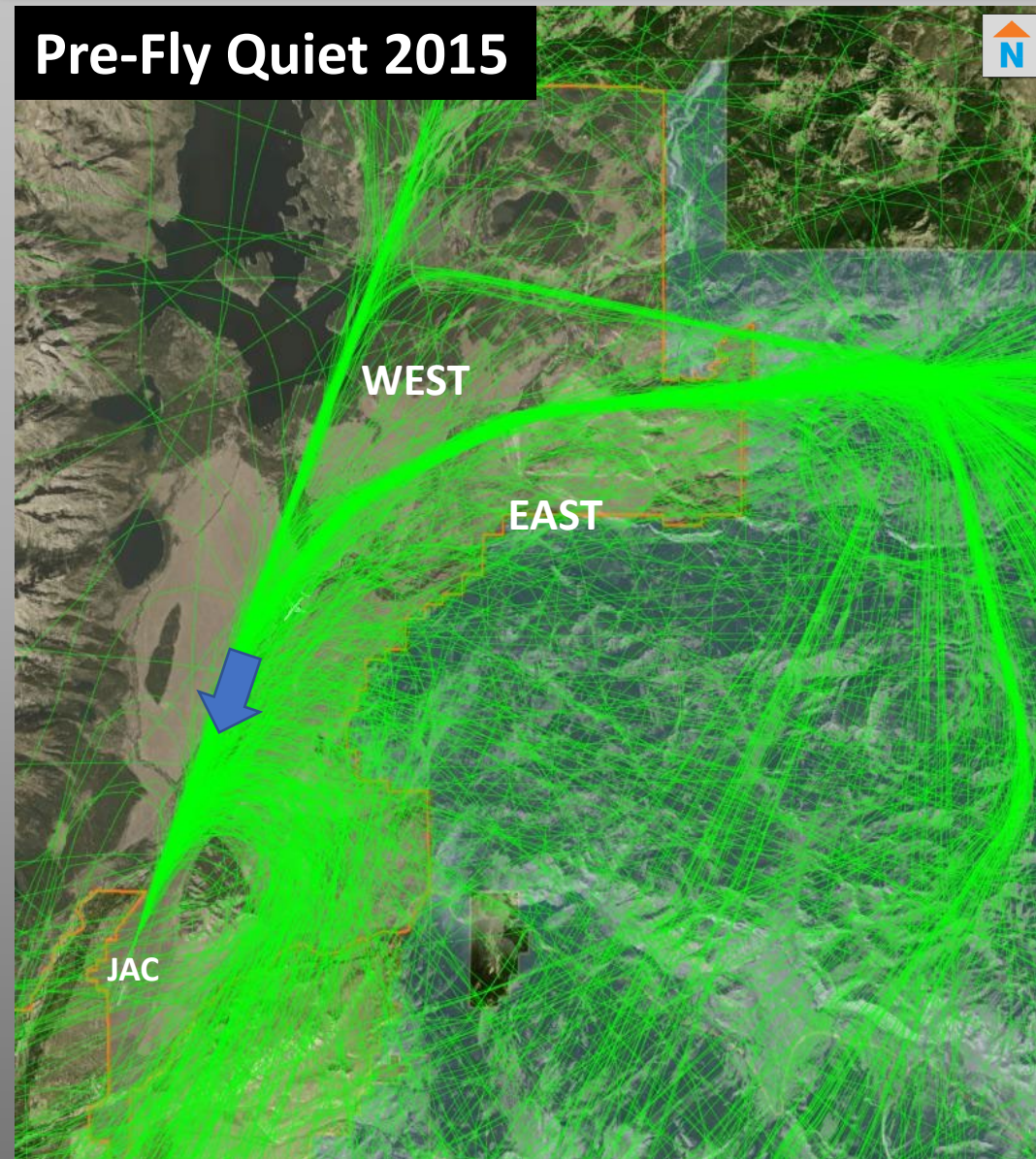
❖ New Procedure Flight Path

- Bonus points for flying the new procedure

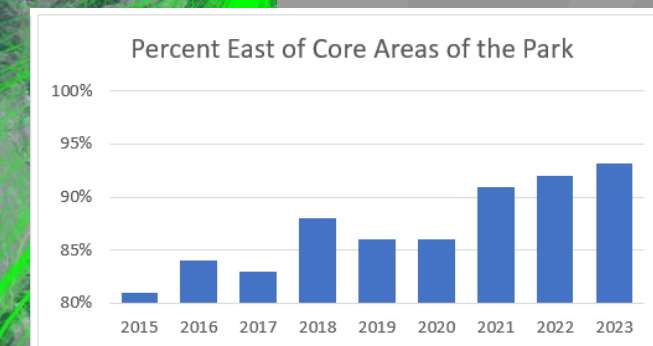
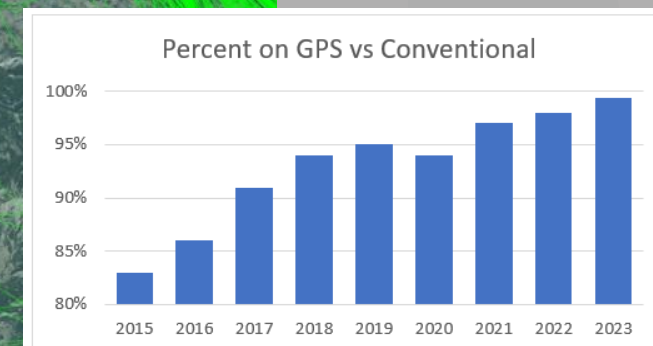
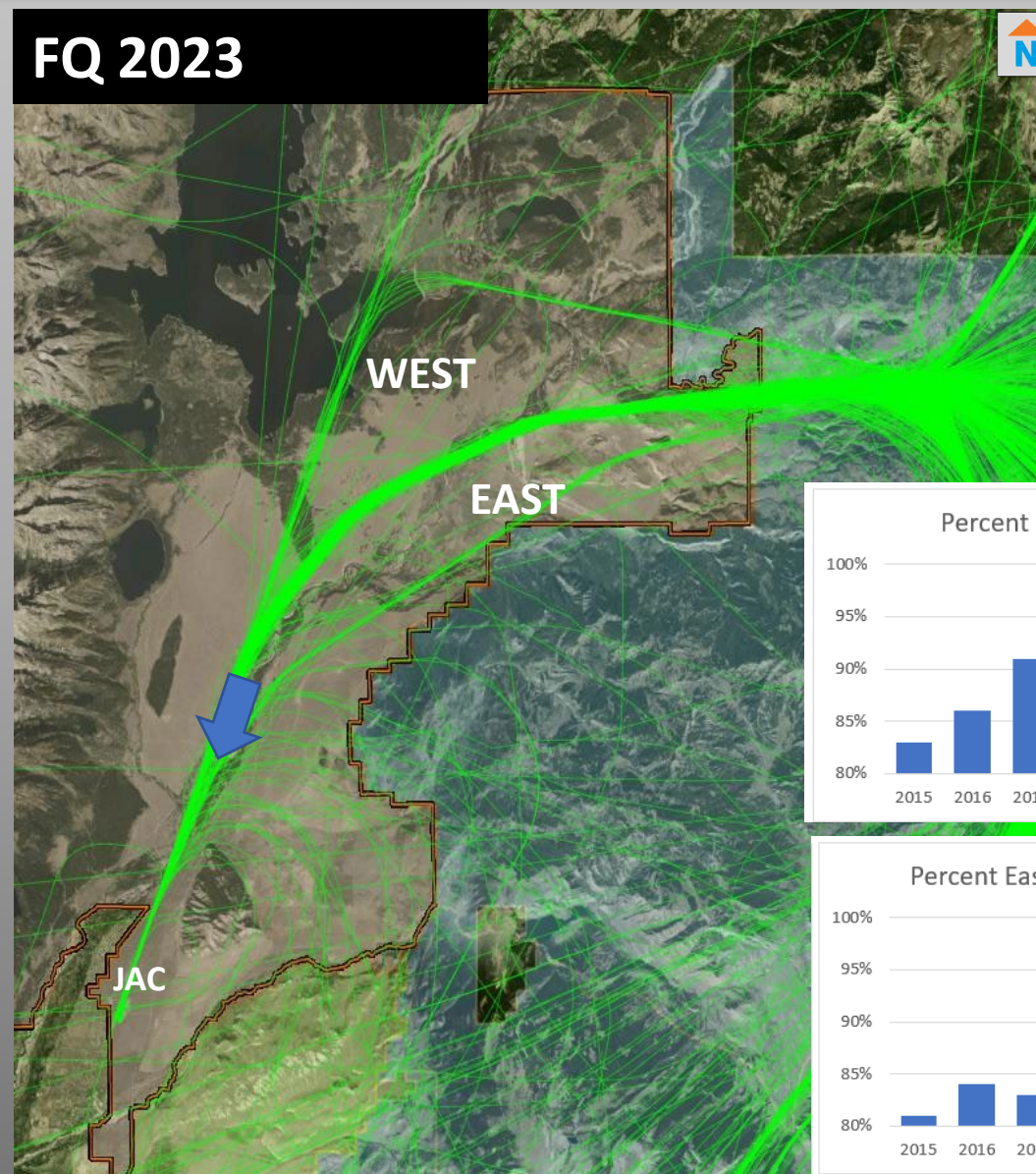


Arrival Flight Tracks over GTNP (Pre-Fly Quiet 2015 vs. 2023)

Pre-Fly Quiet 2015



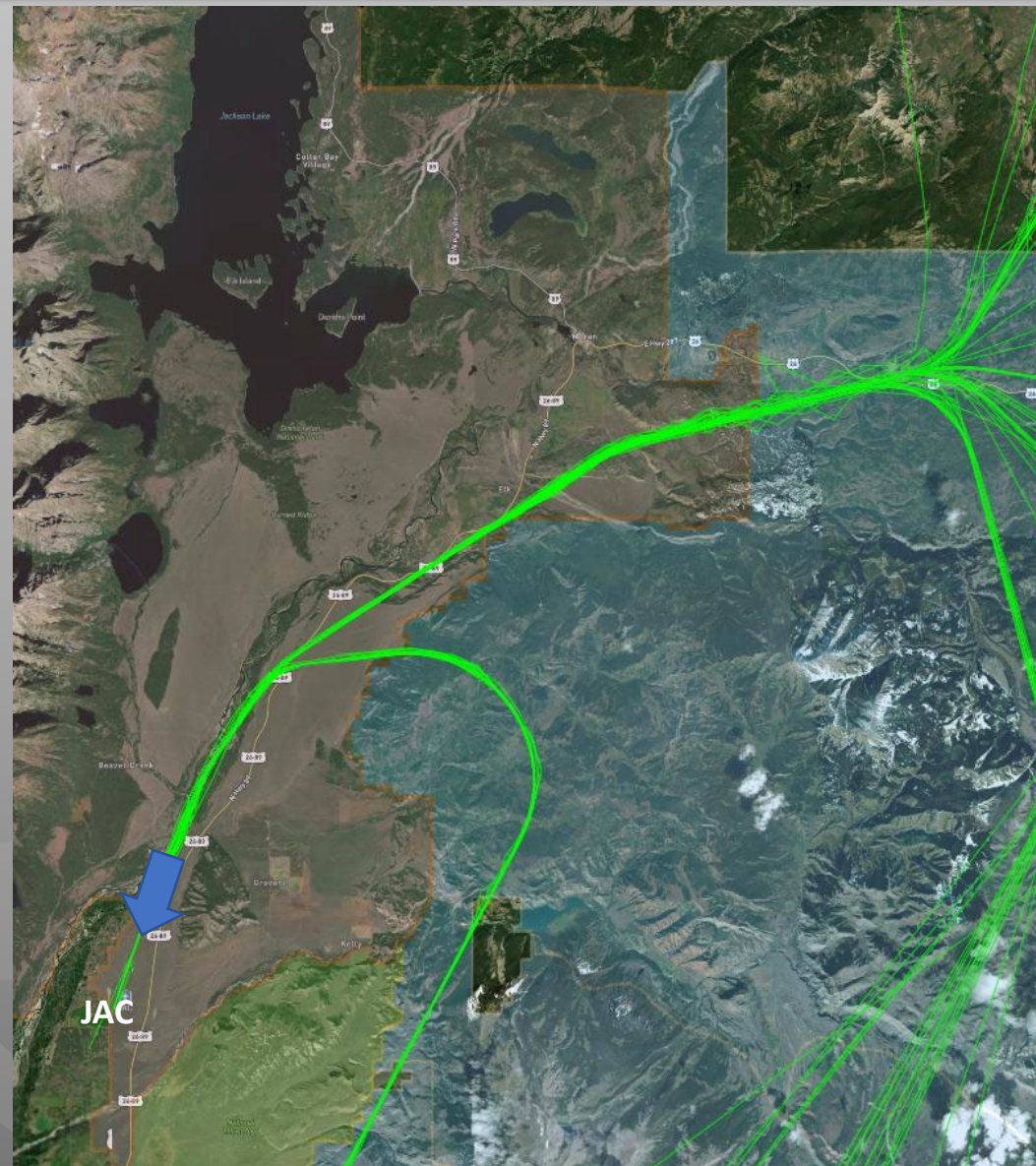
FQ 2023



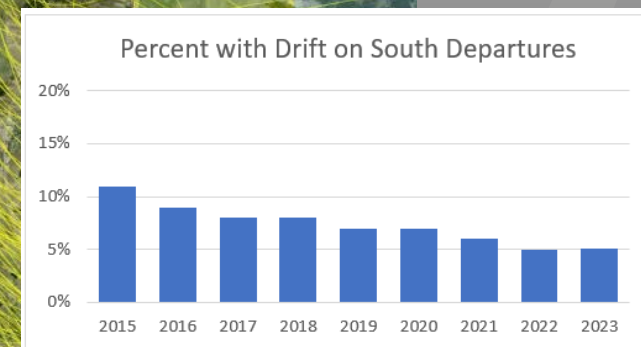
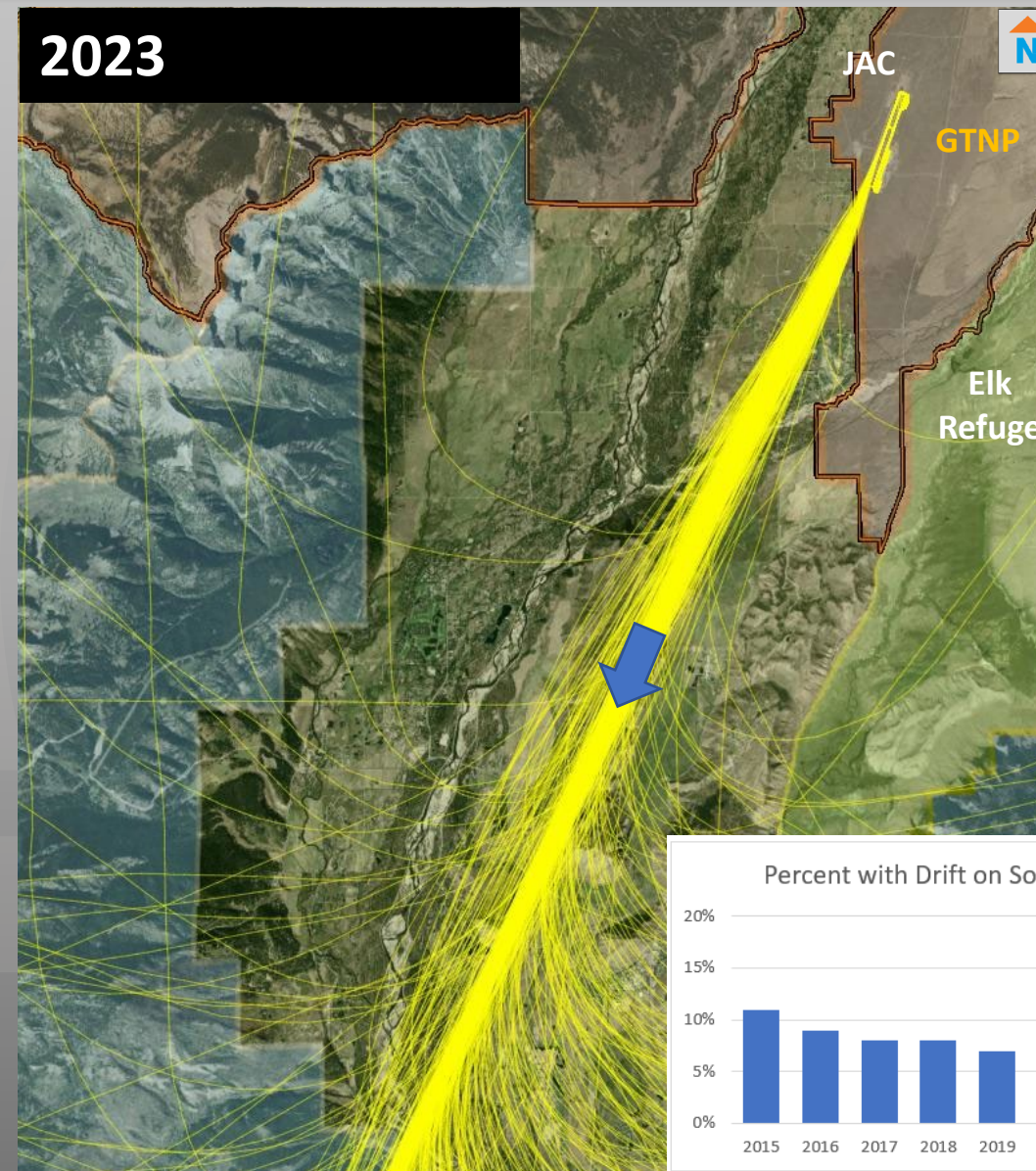
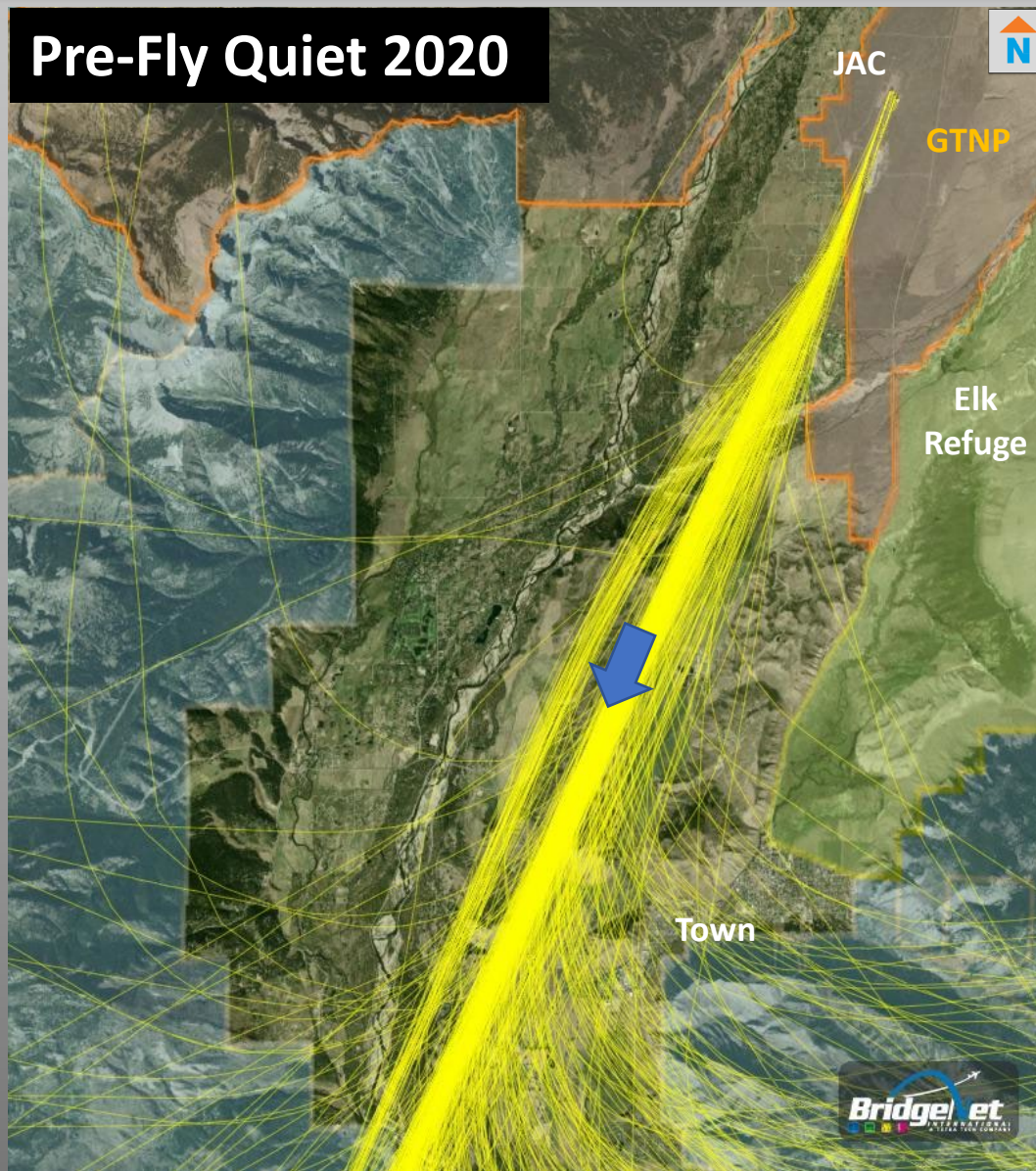


New Procedure Arrival Usage 2023

- ❖ Procedure first utilized in July 2022
- ❖ **89** flights used the procedure in 2023
- ❖ All commercial operators have used it
- ❖ Delta, SkyWest and Alaska are largest users of procedure
- ❖ NetJets also flew the procedure



South Departure Flight Procedures (Pre-Fly Quiet 2020 vs. 2023)





2023 Fly Quiet Program Summary

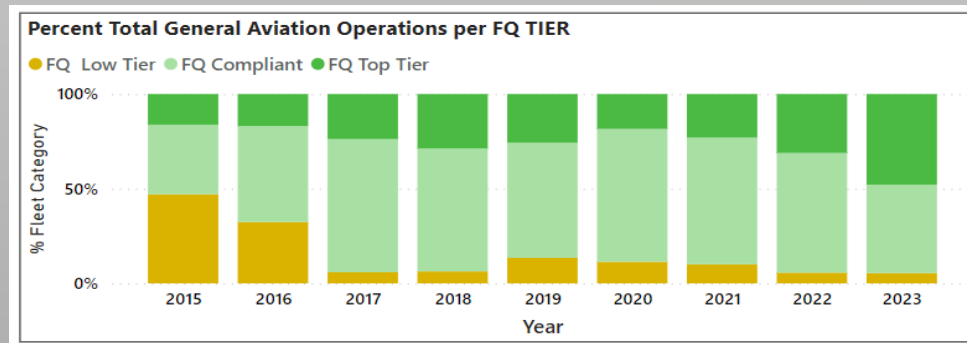


2023 Fly Quiet Program Summary, Part 1

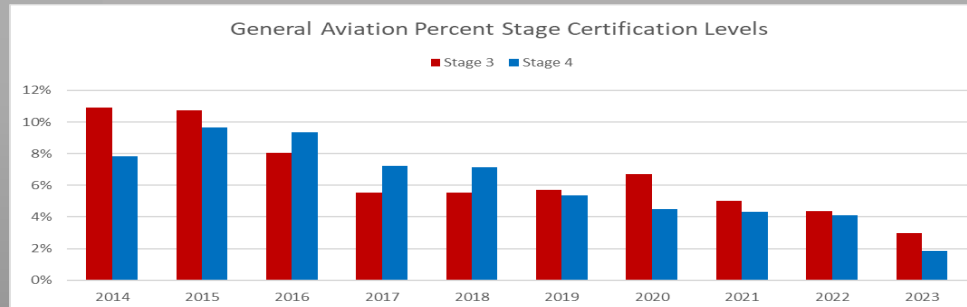
The FQP shows a continued overall trend of improvement or steady levels of FQP noise measures

- Percent of Total Aircraft Operations in the Top Tier is increasing
- General Aviation **Fleet Quality** shows trends in greater use of newer generation (quieter) Stage 5 aircraft and less of the older (louder) Stage 3/Stage 4 aircraft. Commercial not yet changing.
- Aircraft are following the **flight procedure goals** with greater than 90% adherence and showing trends of year-over-year increased compliance.

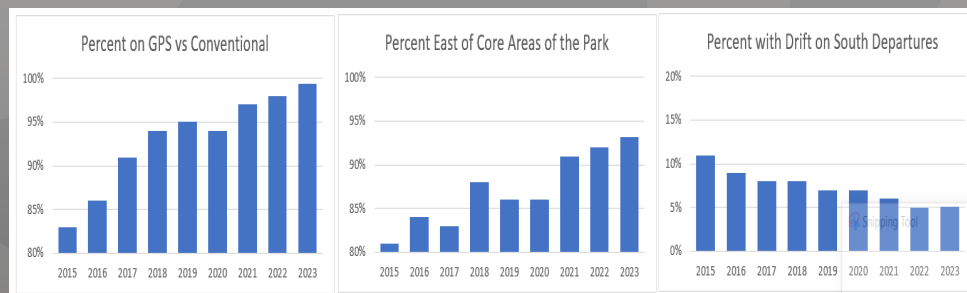
Percent Total Operations by FQ TIER (2015 to 2023)



GA Percent Stage Certification Level



Flight Procedures Compliance (2015-2023)





2023 Fly Quiet Summary, Part 2

- ❖ Aircraft fleet quality has improved due to older, louder General Aviation aircraft replaced with newer, quieter aircraft
- ❖ In 2015, approximately 80% of GA were Stage 5
- ❖ In 2023, approximately 95% of GA were Stage 5
- ❖ The number of General Aviation operations during the expanded voluntary curfew hours have decreased 16% over operations in the same hours for the prior year
- ❖ Curfew hours operations account for 1.1 percent of operations for General Aviation.
- ❖ NetJets reduced its curfew hour operations by 55% from 2022 to 2023.

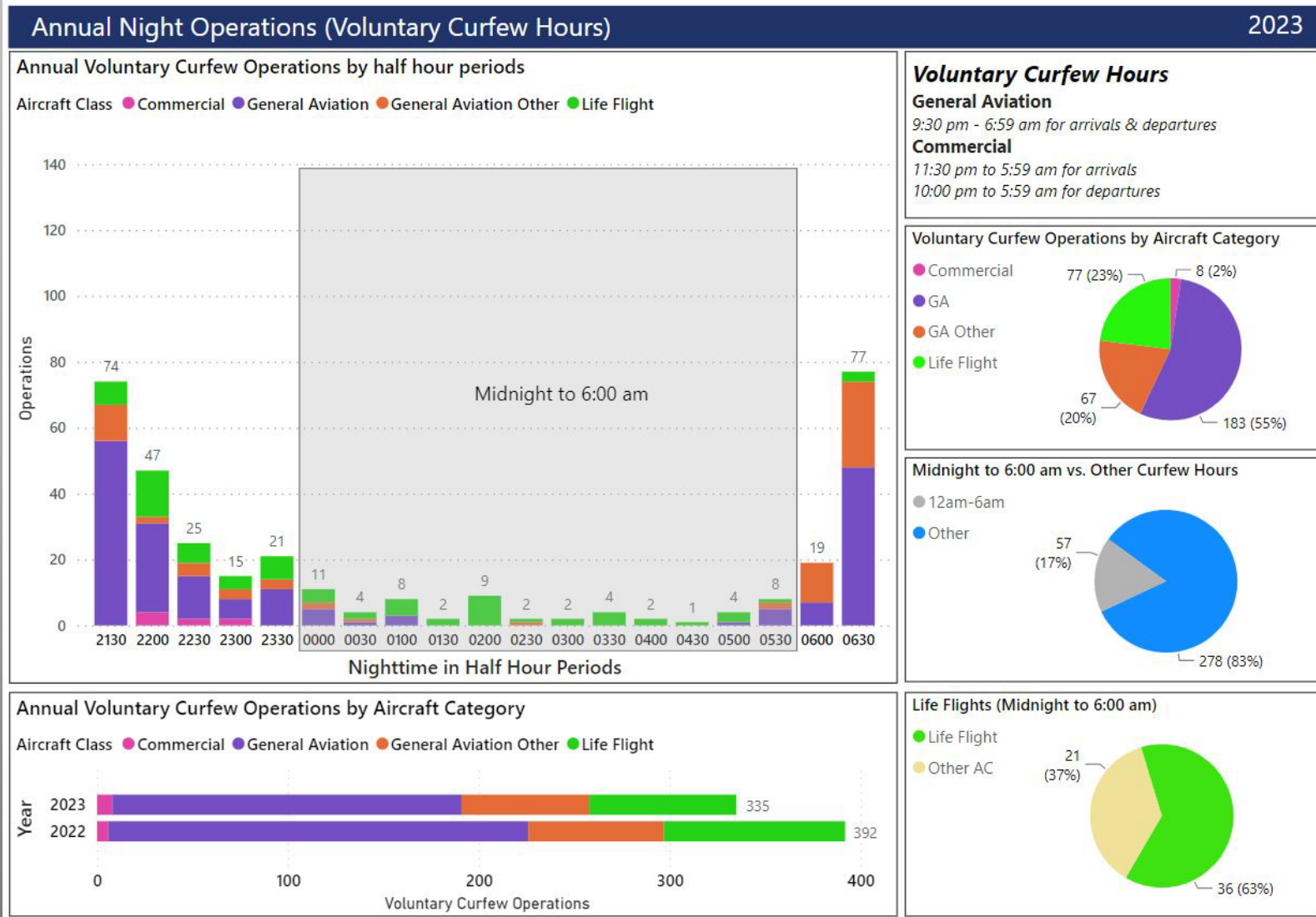
ANNUAL FLY QUIET SCORE FOR OPERATORS WITH HIGHEST NUMBER OF OPERATIONS										
Operator	Operator Name	2015	2016	2017	2018	2019	2020	2021	2022	2023
EDG	Jet Edge	52.3	60.4	73.8	92.3	63.6	82.7	75.3	75.4	82.0
EJA	NetJets Aviation	67.3	71.0	75.6	79.2	81.2	80.3	85.4	89.6	90.3
EJM	Executive Jet Management	63.9	58.4	71.9	77.2	82.9	80.9	79.8	82.1	81.2
FTH	Mountain Aviation	67.9	63.4	82.0	77.0	86.0	89.0	87.0	89.6	89.8
LXJ	Bombardier FlexJet	70.6	69.4	73.9	78.1	78.1	80.9	84.1	88.5	85.9
OPT	Flight Options	64.6	69.6	77.8	80.9	84.9		77.9		90.4
TTE	Avcenter	57.4	51.3	62.7	63.9	61.1	54.1	59.4	54.2	72.3
TWY	Sunset Aviation	92.1	81.6	82.6	82.8	90.8	73.8	79.3	77.1	79.7
XOJ	XOJet	75.1	79.4	84.5	87.5	83.9	89.3	89.0	97.0	101.7

CURFEW OPERATIONS DURING NEW EXPANDED HOURS (9:30PM TO 7:00 AM)										
Operator	Operator Name	2015	2016	2017	2018	2019	2020	2021	2022	2023
EDG	Jet Edge	4	0	1	0	2	0	2	1	3
EJA	NetJets Aviation	49	55	50	55	39	27	55	51	28
EJM	Executive Jet Management	2	3	6	6	0	1	3	5	4
FTH	Mountain Aviation	3	1	2	5	1	4	8	6	4
LXJ	Bombardier FlexJet	7	10	17	14	22	16	28	31	28
OPT	Flight Options	12	10	5	7	6		0		0
TTE	Avcenter	4	5	6	11	18	9	2	4	0
TWY	Sunset Aviation	0	1	4	4	0	12	14	9	7
XOJ	XOJet	2	2	2	2	4	0	3	0	0

PERCENT OF TOTAL OPERATIONS IN THE VOLUNTARY CURFEW PERIOD										
Operator	Operator Name	2015	2016	2017	2018	2019	2020	2021	2022	2023
EDG	Jet Edge	11.4%	0.0%	2.6%	0.0%	2.9%	0.0%	1.6%	0.6%	0.7%
EJA	NetJets Aviation	2.7%	2.5%	2.6%	2.7%	1.7%	1.0%	1.5%	1.7%	0.8%
EJM	Executive Jet Management	1.3%	1.3%	3.1%	2.6%	0.0%	0.4%	0.9%	1.4%	1.0%
FTH	Mountain Aviation	14.3%	1.6%	2.1%	6.1%	0.8%	1.1%	2.2%	1.9%	0.8%
LXJ	Bombardier FlexJet	2.0%	1.4%	3.0%	2.2%	2.4%	1.1%	1.7%	2.3%	1.4%
OPT	Flight Options	2.9%	2.9%	1.7%	2.8%	3.2%		0.0%		0.0%
TTE	Avcenter	7.5%	5.2%	5.9%	8.6%	8.2%	8.1%	2.6%	2.5%	0.0%
TWY	Sunset Aviation	0.0%	1.7%	5.4%	3.5%	0.0%	4.8%	3.6%	2.6%	2.1%
XOJ	XOJet	0.8%	0.7%	0.7%	1.0%	1.4%	0.0%	1.0%	0.0%	0.0%

2023 Fly Quiet Voluntary Curfew Summary

- ❖ **Life Flights:** Life Flights (all but one were propeller aircraft) account for 77 (1 out of 5 violations) of the curfew hour operations; 36 of these Life Flight operations occurred between midnight and 6am, which is 63% of the operations during those hours.
- ❖ **Voluntary Curfew Hours:** In 2023 there were 8 Commercial and 183 General Aviation operations in the expanded curfew hours – this is 1% of the total operations at the airport. From 2022 to 2023, there was an increase in 2 commercial and decrease of 36 GA operations during curfew hours. Overall, from 2022 to 2023 there was a decrease in 15% of operations in the voluntary curfew hours.
- ❖ **Midnight to 6am:** During the period from midnight to 6am there were no Commercial and 15 General Aviation operations; the General Aviation operations were 26% of the midnight to 6am operations. Most of the curfew hour operations are during the shoulder hours.
- ❖ **Other General Aviation:** Other General Aviation except the life flights (propeller piston, propeller turbo prop, helicopter, and VFR operations) accounts for 62 of the Voluntary Curfew hour operations, which is 32% of the nighttime operations; 6 of these operations occurred between midnight and 6am.





Single Event Noise Levels at Two Sites South of the Airport

Site: Oatgrass

Site: Oatgrass	
Year: 2023	Operation: Departure Runway: 19
Average Maximum Noise Level by Aircraft Category	
Aircraft Category	Lmax (Avg)
Commercial	78
Regional	78
General Aviation	74
Average	76

Site: Golf

Site: GOLF	
Year: 2023	Operation: Departure Runway: 19
Average Maximum Noise Level by Aircraft Category	
Aircraft Category	Lmax (Avg)
Regional	70
Commercial	70
General Aviation	66
Average	68

The percentage of **higher noise level events** per operation are reducing as older technology aircraft leave the fleet and Fly Quiet efforts continue.



2023 Annual Fly Quiet Results



2023 Fly Quiet Program Summary - Top Scoring Operators

- ❖ Operators are paying attention and inquiring how they can improve.
- ❖ Developed a “Self Help Guide” for operators to use as a tool to evaluate their performance and address specific areas where they may be deficient along with methods to improve.
- ❖ Some operators have moved up in the ranking scale.
- ❖ Without this Program, operators would not be aware of how they may be affecting the Park and the community or how to improve.

Top Scoring Operators

GA Fleet

OPERATOR			OVERALL	
Code	Operator	Total Ops	Total Fly Quiet Score	Fly Quiet Rating Expectation
YEL	Summit Aviation	44	103.0	FQ Top Tier
XOJ	XOJet	80	101.7	FQ Top Tier
KOW	Baker Aviation	41	101.5	FQ Top Tier
UJC	Ultimate Air Shuttle	41	99.4	FQ Top Tier
XSR	Airshare	68	97.2	FQ Top Tier

Single Operator

OPERATOR			OVERALL	
Code	Operator	Total Ops	Total Fly Quiet Score	Fly Quiet Rating Expectation
N124MV	RC Aviation, LLC	44	105.0	FQ Top Tier
N393BU	Meredith Operations Corp	26	105.0	FQ Top Tier
N894KS	KS Air Charter, LLC	62	102.2	FQ Top Tier
N924TC	RLC Aviation, LLC	32	99.7	FQ Top Tier
N605RT	Mountaingate, LLC	24	98.2	FQ Top Tier



GA Fleets

30 Operations per year or greater – Fly Quiet Score 2023

OPERATOR				FLY QUIET ELEMENTS				BONUSES			OVERALL	
Code	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	Fly Quiet Rating Expectation
YEL	Summit Aviation	44	E55P	25.0	23.0	25.0	25.0	5.0	0.0		103.0	FQ Top Tier
XOJ	XOJet	80	C750	24.7	22.9	25.0	25.0	4.1	0.0		101.7	FQ Top Tier
KOW	Baker Aviation	41	C750	25.0	21.5	25.0	25.0	5.0	0.0		101.5	FQ Top Tier
UJC	Ultimate Air Shuttle	41	C750	25.0	19.4	25.0	25.0	5.0	0.0		99.4	FQ Top Tier
XSR	Airshare	68	E55P	24.8	19.4	25.0	25.0	3.1	0.0		97.2	FQ Top Tier
SIS	Silver Air Airlines	30	GALX	22.9	22.2	25.0	25.0	1.0	0.0		96.1	FQ Top Tier
TIV	Thrive Aviation	128	C25B	24.9	21.0	25.0	22.0	1.5	0.0		94.4	FQ Top Tier
VJA	Vista America	110	CL30	24.4	22.5	21.8	25.0	0.0	0.0		93.7	FQ Top Tier
JTZ	Nicholas Air	74	E55P	24.9	18.8	23.2	22.0	3.6	0.0		92.4	FQ Top Tier
WMN	Trident Aircraft	32	LJ60	24.7	18.3	22.4	22.0	4.7	0.0		92.1	FQ Top Tier
EJA	NetJets Aviation	3,640	C68A	24.8	21.5	24.0	16.0	3.0	1.0		90.3	FQ Top Tier
FTH	Mountain Aviation	475	C750	24.9	20.0	23.6	18.0	3.3	0.0		89.8	FQ Compliant
PGR	Prestige Air Group	40	PRM1	23.4	18.2	23.1	25.0	0.0	0.0		89.7	FQ Compliant
FWK	Flightworks	54	GALX	22.2	25.0	16.9	25.0	0.2	0.0		89.3	FQ Compliant
JTL	Jet Linx	159	C56X	23.0	15.6	22.3	25.0	0.9	0.0		86.9	FQ Compliant
LXJ	Bombardier FlexJet	1,956	E545	24.6	19.9	23.0	16.0	2.4	0.0		85.9	FQ Compliant
SLH	Silverhawk Aviation	44	C56X	23.2	14.7	23.2	22.0	0.0	0.0		83.0	FQ Compliant
EDG	Jet Edge	407	CL30	23.9	20.9	18.3	19.0	0.0	0.0		82.0	FQ Compliant
JRE	Fly Exclusive	319	C56X	24.3	11.5	22.7	22.0	1.6	0.0		81.9	FQ Compliant
PXT	Pacific Coast Jet	65	C25B	24.7	15.0	22.5	18.0	1.2	0.0		81.5	FQ Compliant
DPJ	Wheels Up Private Jets	50	BE40	18.8	20.5	17.1	25.0	0.0	0.0		81.4	FQ Compliant
GAJ	Wheels Up Gama Aviation	54	C56X	25.0	5.3	25.0	25.0	0.9	0.0		81.2	FQ Compliant
EJM	Executive Jet Management	410	GLF4	22.7	21.3	18.6	18.0	0.6	0.0		81.2	FQ Compliant
CYO	Air Transport (ATI Jet)	82	LJ60	25.0	2.8	25.0	22.0	5.0	0.0		79.8	FQ Compliant
TWY	Sunset Aviation	329	GLF6	22.6	21.0	20.0	16.0	0.0	0.0		79.7	FQ Compliant
XLJ	XCEL JET	46	LJ40	24.6	2.3	25.0	25.0	0.0	0.0		76.9	FQ Compliant
JCY	Aerius Management	72	C25B	24.3	2.0	22.8	25.0	0.0	0.0		74.1	FQ Compliant
DLX	Dreamline Aviation	34	LJ40	24.4	0.0	23.1	25.0	0.7	0.0		73.2	FQ Compliant
TTE	Avcenter	194	C560	21.9	5.9	18.8	25.0	0.7	0.0		72.3	FQ Compliant
RGY	Regency Airlines	59	BE40	15.4	25.0	6.5	25.0	0.0	0.0		71.9	FQ Compliant
SGO	Admiral Beverage	142	H25B	15.9	23.9	5.4	25.0	0.0	0.0		70.2	FQ Compliant
WDY	Phoenix Airline Services	48	GA6C	22.3	8.3	16.4	22.0	0.0	0.0		69.0	FQ Low Tier
OKC	Private Jets	79	BE40	19.8	15.5	10.0	20.0	0.0	0.0		65.3	FQ Low Tier
CBC	CLYDE COMPANIES INC	40	C25A	24.5	6.3	14.1	20.0	0.0	0.0		64.9	FQ Low Tier



GA Fleets

Between 29 and 8 Operations per year – Fly Quiet Score 2023

OPERATOR			OVERALL	
Code	Operator	Total Ops	Total Fly Quiet Score	Fly Quiet Rating Expectation
CHR	Chairman Airmotive	8	103.8	FQ Top Tier
SDE	Air Partners Corp	8	101.0	FQ Top Tier
WSN	Advanced Air	8	99.4	FQ Top Tier
PWA	Priester Charters	10	99.4	FQ Top Tier
VNT	Rise to the Challenger	12	98.2	FQ Top Tier
TMB	Volato	25	96.7	FQ Top Tier
FTD	AB Jets	10	96.7	FQ Top Tier
STV	Saturn Aviation	19	95.6	FQ Top Tier
DJR	Desert Jet	28	95.2	FQ Top Tier
HPJ	Hop-a-Jet Inc.	12	93.8	FQ Top Tier
LFG	Unrestricted Climb	12	93.5	FQ Top Tier
MVJ	Mira Vista Aviation	10	93.4	FQ Top Tier
ASP	AirSprint	23	92.6	FQ Top Tier
PFT	Paragon Airways	27	91.8	FQ Top Tier
KPO	NXT Jet	22	91.6	FQ Top Tier
MLN	Air Madeleine	8	90.7	FQ Top Tier
SDU	Dumont Aviation	8	90.7	FQ Top Tier
TKK	Aero Ways, Inc.	8	90.1	FQ Top Tier
VJT	Vistajet	10	88.5	FQ Compliant
XSM	Steelman Aviation Inc	16	88.3	FQ Compliant
CJE	Aeroservices Corporate	10	87.2	FQ Compliant
SJA	Sawyer Aviation	22	86.7	FQ Compliant
KFB	STAjets	19	85.6	FQ Compliant
FFL	Foreflight	9	85.3	FQ Compliant
IJA	International Jet Aviation	26	85.2	FQ Compliant
JAS	Jet Aviation Flight Services	11	84.5	FQ Compliant

OPERATOR			OVERALL	
Code	Operator	Total Ops	Total Fly Quiet Score	Fly Quiet Rating Expectation
PEG	Pegasus Elite Aviation	8	84.4	FQ Compliant
CNS	Cobalt Air	24	83.6	FQ Compliant
WSP	Verijet	27	82.7	FQ Compliant
JCM	Secure Air Charter	8	82.6	FQ Compliant
LKF	Aviation Advisor	10	80.3	FQ Compliant
NEW	Northeastern Aviation	8	80.2	FQ Compliant
COL	SC Aviation	24	79.3	FQ Compliant
PRE	Precision Airlines	18	77.7	FQ Compliant
BLK	Aero Black (USAC Airways)	16	77.6	FQ Compliant
CWG	Clear Wing	16	77.0	FQ Compliant
HER	Hera Flight	26	76.9	FQ Compliant
JNY	Jenney Beechcraft	10	76.8	FQ Compliant
DRL	Omini Air Transport	16	75.7	FQ Compliant
WWI	Worldwide Jet Charter	23	73.8	FQ Compliant
LIF	Life Flights (LN) All	8	73.3	FQ Compliant
MWT	Midwest Aviation	15	68.6	FQ Low Tier
NJM	Northern Jet Management	10	66.9	FQ Low Tier
TFF	Talon Air	14	62.9	FQ Low Tier
RNI	Rennia Aviation LLC	16	62.1	FQ Low Tier
PGN	Tailwind Air LLC	8	51.8	FQ Low Tier



Single Operators

30 Operations per year or greater – Fly Quiet Score 2023

OPERATOR				FLY QUIET ELEMENTS				BONUSES			OVERALL	
Code	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	Fly Quiet Rating Expectation
N124MV	RC Aviation, LLC	44	C750	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N894KS	KS Air Charter, LLC	62	C68A	25.0	22.2	25.0	25.0	5.0	0.0		102.2	FQ Top Tier
N924TC	RLC Aviation, LLC	32	GA5C	24.7	25.0	25.0	25.0	0.0	0.0		99.7	FQ Top Tier
N482PG	GATES GROUP AIR LLC	83	HDJT	25.0	18.1	25.0	25.0	5.0	0.0		98.1	FQ Top Tier
N560TW	T.W. Lewis Aviation, LLC	53	C56X	25.0	22.3	25.0	25.0	0.0	0.0		97.3	FQ Top Tier
N82RL	604, LLC	44	CL60	23.2	23.2	25.0	25.0	0.0	0.0		96.4	FQ Top Tier
N1866M	Spirit of BFC LLC	34	C680	25.0	16.1	25.0	25.0	5.0	0.0		96.1	FQ Top Tier
N31SS	SEGAL LAW FIRM	38	E55P	25.0	15.7	25.0	25.0	5.0	0.0		95.7	FQ Top Tier
N525PB	JCL Aviation, LLC	42	C25C	22.5	23.1	25.0	25.0	0.0	0.0		95.6	FQ Top Tier
N440AF	Vela Flight, LLC	34	E550	25.0	18.9	25.0	25.0	0.0	0.0		93.9	FQ Top Tier
N104QT	FREEBASE HOLDING LLC	34	F2TH	20.4	25.0	23.2	25.0	0.0	0.0		93.6	FQ Top Tier
N50AG	TVPX Aircraft Solutions, Inc.	36	CL60	23.2	19.3	25.0	25.0	0.0	0.0		92.5	FQ Top Tier
N54PV	Moss Lane Ventures, LLC	33	C510	25.0	12.1	25.0	25.0	5.0	0.0		92.1	FQ Top Tier
N122WY	Strategic Organizational Mana...	43	C25B	25.0	15.0	25.0	25.0	0.0	0.0		90.0	FQ Compliant
N585WT	Kedec Services, LLC	41	C25B	25.0	17.3	25.0	22.0	0.0	0.0		89.3	FQ Compliant
N30MZ	Wildwood Yonder, LLC	34	GALX	21.6	22.6	25.0	20.0	0.0	0.0		89.2	FQ Compliant
N980CC	FJ20 166 LLC	52	GLEX	21.8	23.5	18.9	25.0	0.0	0.0		89.2	FQ Compliant
N281EB	Swan, Erik	30	PC24	21.6	17.5	22.9	25.0	0.0	0.0		87.0	FQ Compliant
N970CC	FJ20 166, LLC	35	F900	20.0	25.0	11.4	25.0	0.0	0.0		81.4	FQ Compliant
N900BC	CSMS Management, LLC	60	C700	25.0	8.3	25.0	22.0	0.0	0.0		80.3	FQ Compliant
N211PB	JOUST CAPITAL III LLC	89	GLEX	21.8	21.9	13.4	22.0	0.0	0.0		79.1	FQ Compliant
N101WY	State of Wyoming - Dept. of Tr...	32	C560	18.3	8.7	25.0	22.0	0.0	0.0		74.0	FQ Compliant
N611MP	Air Elements, LLC	36	C560	18.3	10.0	20.3	25.0	0.0	0.0		73.6	FQ Compliant
N115LF	REGISTRATION PENDING	31	CL30	25.0	3.1	21.4	20.0	0.0	0.0		69.5	FQ Low Tier
N102WY	State of Wyoming - Dept. of Tr...	32	C560	18.3	0.0	25.0	22.0	0.0	0.0		65.3	FQ Low Tier
N950SF	Teton Sales and Leasing, LLC	30	F900	20.0	6.8	12.5	22.0	0.0	0.0		61.4	FQ Low Tier
N307GP	AIR CASHMERE LLC	54	G150	20.2	11.1	9.1	16.0	0.0	0.0		56.5	FQ Low Tier



Single Operator (part 2) – Top Tier and Low Tier

Between 29 and 8 Operation per Year – Fly Quiet Score 2023

OPERATOR			OVERALL	
Code	Operator	Total Ops	Total Fly Quiet Score	Fly Quiet Rating Expectation
N306GV	IBW Air Services, LLC	8	105.0	FQ Top Tier
N308GV	IBW Air Services, LLC	8	105.0	FQ Top Tier
N324GV	GRANDVIEW AVIATION LLC	8	105.0	FQ Top Tier
N334GV	GRANDVIEW AVIATION LLC	18	105.0	FQ Top Tier
N393BU	MEREDITH OPERATIONS CORP	26	105.0	FQ Top Tier
N514AF	N128CV LLC	8	105.0	FQ Top Tier
N555QB	Her Honor, Inc.	12	105.0	FQ Top Tier
N606AW	AURORA VENTURES LLC	10	105.0	FQ Top Tier
N649SP	Standard Process, Inc.	8	105.0	FQ Top Tier
N680MB	Ironstate East West, LLC	10	105.0	FQ Top Tier
N113HX	Happytimes Aviation, LLC	17	100.5	FQ Top Tier
N306MF	TAMKO Building Products, Inc.	16	100.0	FQ Top Tier
N40HC	Hoar Aviation, LLC	9	100.0	FQ Top Tier
N529LL	TVPX AIRCRAFT SOLUTIONS I...	8	100.0	FQ Top Tier
N534CC	Harris Teeter Supermarkets, Inc.	12	100.0	FQ Top Tier
N640AF	Vela Flight 2, LLC	20	100.0	FQ Top Tier
N727SJ	General Datatech, LP	8	100.0	FQ Top Tier
N75TP	Crimson Excel, LLC	10	100.0	FQ Top Tier
N898TW	FWN LLC	12	100.0	FQ Top Tier
N96PB	Air Futura, LLC	8	100.0	FQ Top Tier
N828KD	Simpson Group, Ltd.	8	99.7	FQ Top Tier
N888HH	Haworth Transportation Servic...	8	99.7	FQ Top Tier
N525JN	Portkey525, LLC	14	99.2	FQ Top Tier
N969WR	Global Jet Capital	8	99.0	FQ Top Tier
N622PF	BANK OF UTAH TRUSTEE	8	98.5	FQ Top Tier
N107AV	Avmax Aircraft Leasing, Inc.	10	98.3	FQ Top Tier
N310GV	IBW Air Services, LLC	12	98.3	FQ Top Tier

OPERATOR			OVERALL	
Code	Operator	Total Ops	Total Fly Quiet Score	Fly Quiet Rating Expectation
N445N	Airblue Eagle, Inc.	12	69.9	FQ Low Tier
N39DJ	Aviation Enterprises, Inc.	10	68.9	FQ Low Tier
N916DK	Sapphire Air, LLC	8	68.8	FQ Low Tier
N156RE	AirStat, Inc.	8	67.3	FQ Low Tier
N424SK	Central Iowa Aviation, LLC	16	67.1	FQ Low Tier
N824PM	MCNAY AVIATION LLC	8	66.7	FQ Low Tier
N480ES	The Hays Group, Inc.	8	66.2	FQ Low Tier
N585KS	Air Elements, LLC	20	66.0	FQ Low Tier
N54VM	New Anabet Corporation	8	65.9	FQ Low Tier
N50PC	W.O. Powers Management, Inc.	8	65.9	FQ Low Tier
N391B	Battelle Memorial Institute	10	65.5	FQ Low Tier
N521DC	CAS Transportation, LLC	10	64.5	FQ Low Tier
N750ML	Lincoln Industries, Inc.	17	63.9	FQ Low Tier
N448CC	U	8	62.1	FQ Low Tier
N420SM	N143BL LLC	20	60.3	FQ Low Tier
N188TH	Thorair, LLC	11	58.9	FQ Low Tier
N204BG	Precision Aviation, Inc.	16	56.7	FQ Low Tier
N73VR	Victor Romeo Aviation LLC	18	54.1	FQ Low Tier
N928BK	Whitehorse Air, LLC	8	48.7	FQ Low Tier
N650SG	Merlin One Aircraft, LLC	10	47.0	FQ Low Tier
N430SA	PDIA, LLC	18	46.4	FQ Low Tier



Commercial – Fly Quiet Score 2023

2023 Year End											FLY QUIET - SUMMARY SCORE	
OPERATOR				FLY QUIET ELEMENTS				BONUSES			OVERALL	
Code	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	Fly Quiet Rating Expectation
SKW	Skywest Airlines	1,840	E75L	17.3	23.9	21.1	25.0	0.0	2.0		89.3	FQ Compliant
AAL	American Airlines	1,668	A319	18.3	24.4	22.3	22.0	0.0	1.0		88.0	FQ Compliant
ASA	Alaska Airlines	356	B737	17.7	21.3	19.8	25.0	0.0	2.0		85.8	FQ Compliant
DAL	Delta Air Lines	2,618	A319	18.2	24.5	19.8	19.0	0.0	2.0		83.5	FQ Compliant
UAL	United Airlines	3,627	A320	17.9	24.4	19.0	18.0	0.0	2.0		81.3	FQ Compliant
SCX	Sun Country Airlines	42	B738	17.5	25.0	5.6	25.0	0.0	0.0		73.1	FQ Compliant

Voluntary Curfew Operations:

United – 4 Departures

Delta – 3 Departures

American – 1 Departure

All were departures between 10:06 pm and 11:15 pm, after the 10:00 pm voluntary curfew time for commercial departures. All occurred in the first half of the year.



Next Steps

❖ 2024 Activities

- Promote Top Tier operators
- Continue to work with Low Tier operators to improve
- Increase penalty for Voluntary Curfew Hours operations
- Outreach to operators each Quarter with Quarterly Fly Quiet performance metrics
- Advertise and promote Fly Quiet quarterly with national industry publications
- Continue promoting through National Business Aviation Association
- Spring 2024 outreach to operators to present Fly Quiet

Historic Operations



65 DNL Noise Contours

2004



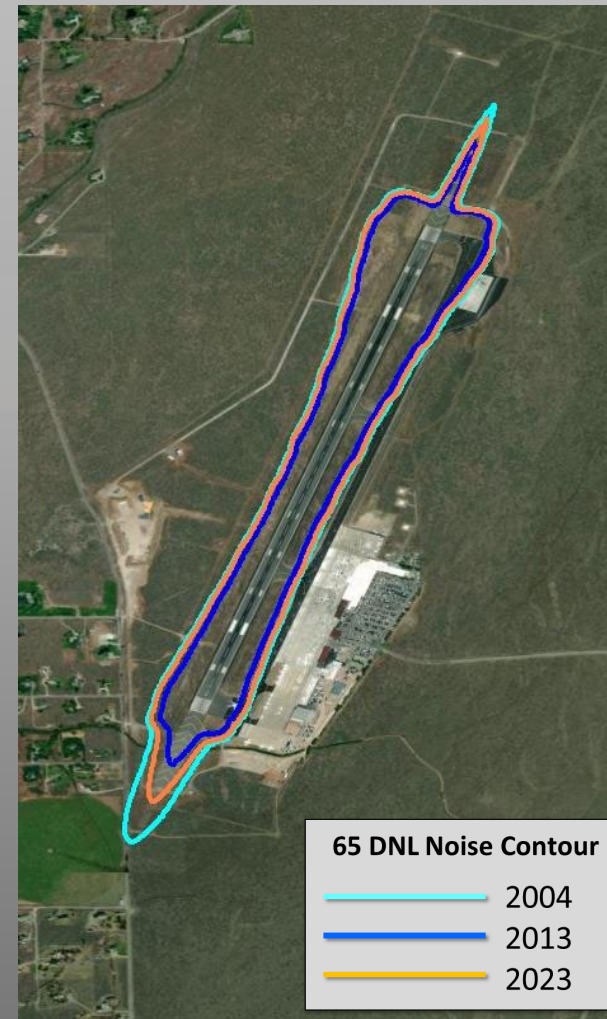
2013



2023



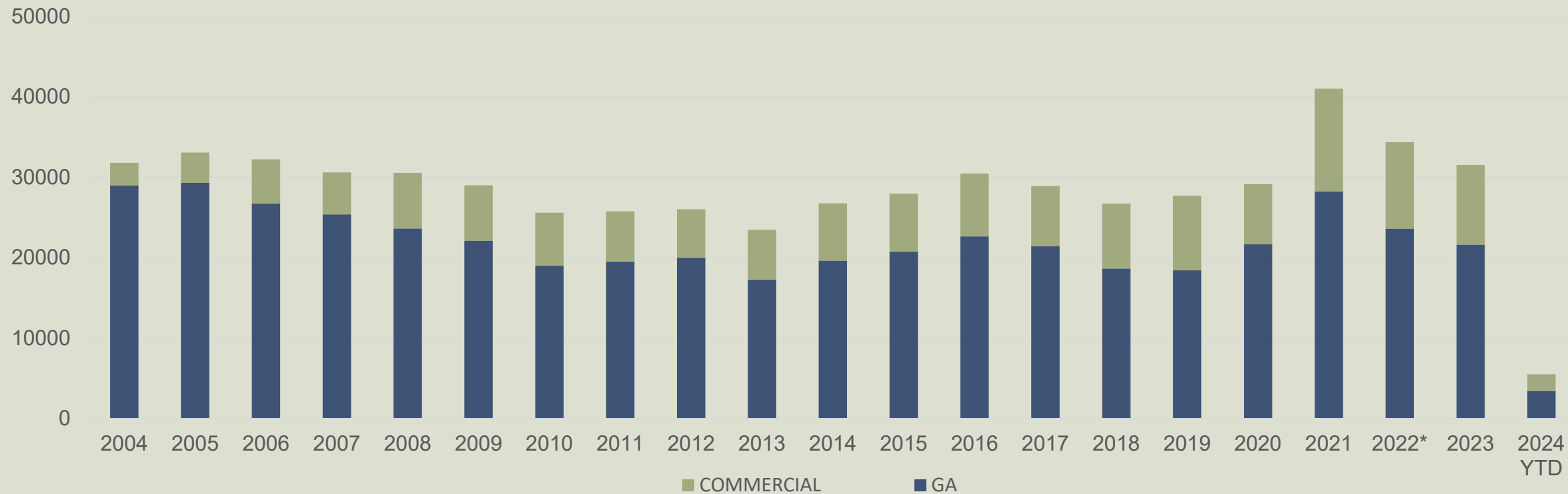
2004-2013-2023





OVERALL OPERATIONS

20-YEAR HISTORICAL TREND



2022*: Closure months of April, May and June have been derived from 2018-2021 & 2023 operations