

Fly Quiet Program – 2022 Update & Noise Monitoring Briefing

Jackson Hole Airport
February 15, 2023



Agenda

- ❖ Brief Overview of Program
- ❖ Year-to-Date Operations
- ❖ Year-End Fly Quiet Results: January – December 2022



Goal of Fly Quiet

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



Fly Quiet Overview

- ❖ Measures compliance with noise abatement goals/metrics and awards Airport users that best achieve those goals;
- ❖ Continually redefines and expands noise reduction goals using different metrics and measures;
- ❖ Requires minimum FAA involvement/coordination, but Airport user involvement is critical;
- ❖ Established as a component of the most recent CFR Part 150 Study approved by the FAA; and
- ❖ Provides direction to users on how to improve their score.



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 % 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 11:30 pm to 6:00 am for arrivals 10:00 pm to 6:00 am for departures	<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 violations • Zero curfew operations is highest score (100%)
Flight Procedure Compliance	Three procedures evaluated with results combined into one score	<ul style="list-style-type: none"> • 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	<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 % of flights flying procedure goal for Full compliance is the highest score (5 bonus points)



Fly Quiet Scoring

❖ Scoring System

- Results scaled on a 0-100 scoring system
- **100** is considered the best possible in each category
- Overall best score is the highest average of all 4 categories

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

❖ Notifications and Acknowledgements

- Both Best and Poor operators in each category below and most improved

CATEGORY OF JET OPERATOR	CLASSIFICATION BY NUMBER OF ANNUAL OPERATIONS
Commercial and Regional Jet Airlines	Minimum of 6 operations
Part 135 Business Jets (fleets, fractional ownership)	-Operators with 30 or more flights -Operators with less than 30 -Minimum of 6 operations
Single Jet Owner/ Operator (i.e., N1234)	-Operators with 30 or more flights -Operators with less than 30 -Minimum of 6 operations



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2021 vs 2022 Airport Operations

Year End 2022:

❖ Since July 1, 2022:

- Total Operations down 12%
- Commercial down 12%
- Business Jets down 8%

❖ Total operations down 24% from 2021 operations, including closure months.

❖ Total operations down 6% during non-closure months (Not including Apr, May, and Jun operations)

❖ Commercial operations down 5% for non-closure months.

❖ Business Jet operations down 2% for non-closure months.



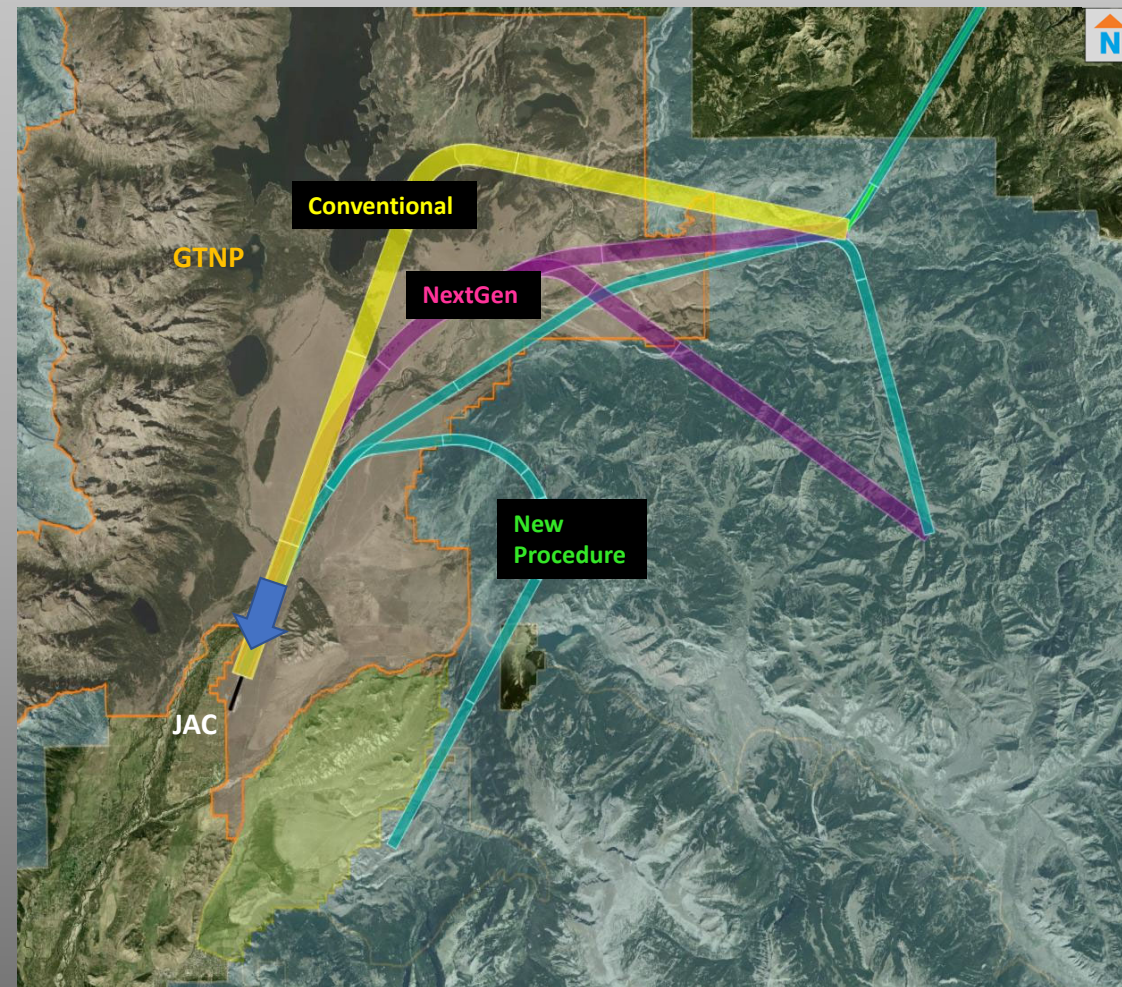


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South Arrival Procedures over GTNP (Conventional / NextGen / New Procedure)



❖ NextGen Flight Path Compliance

- Flying NextGen path vs conventional path

❖ East of NextGen Flight Path

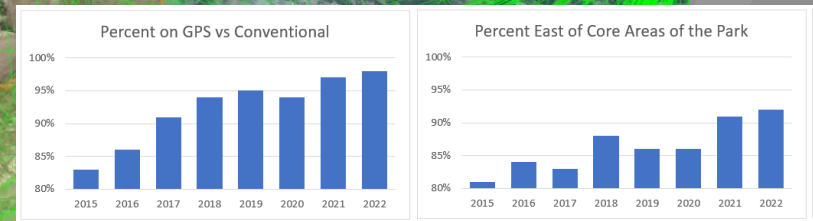
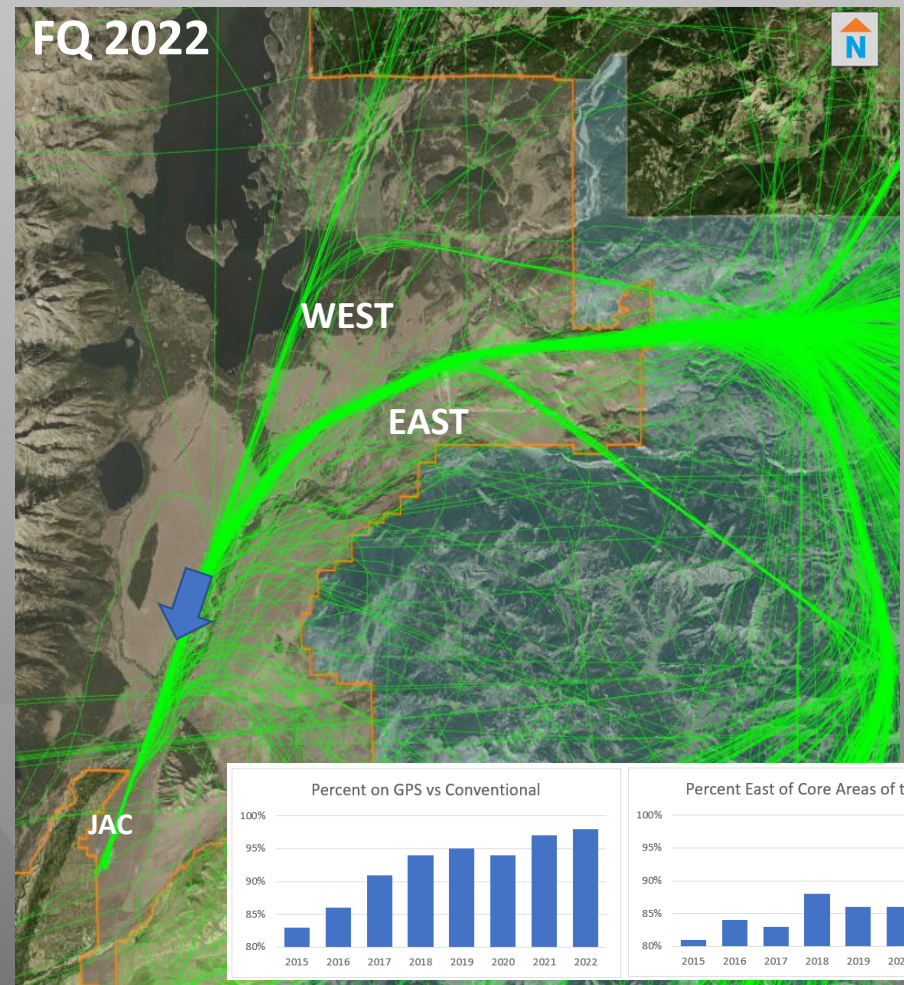
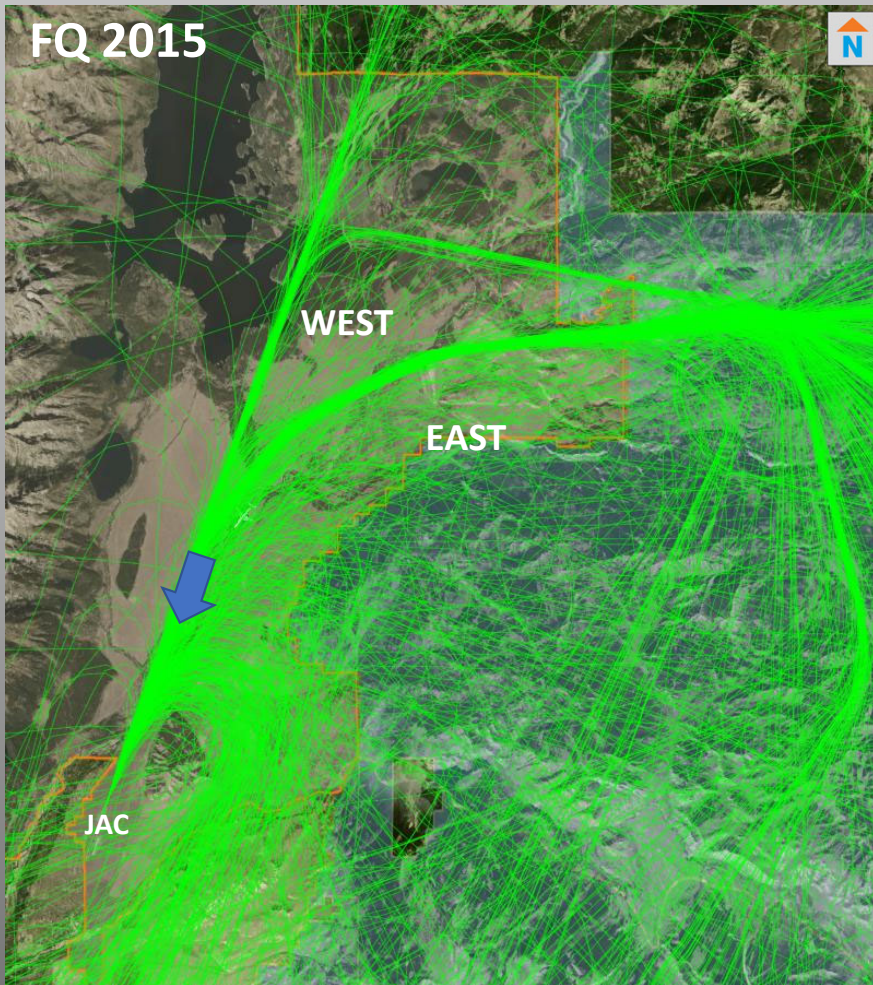
- Flying on or east of NextGen path vs west of path closer to core activity areas of the Park

❖ New Procedure Flight Path

- Bonus points for flying the new procedure



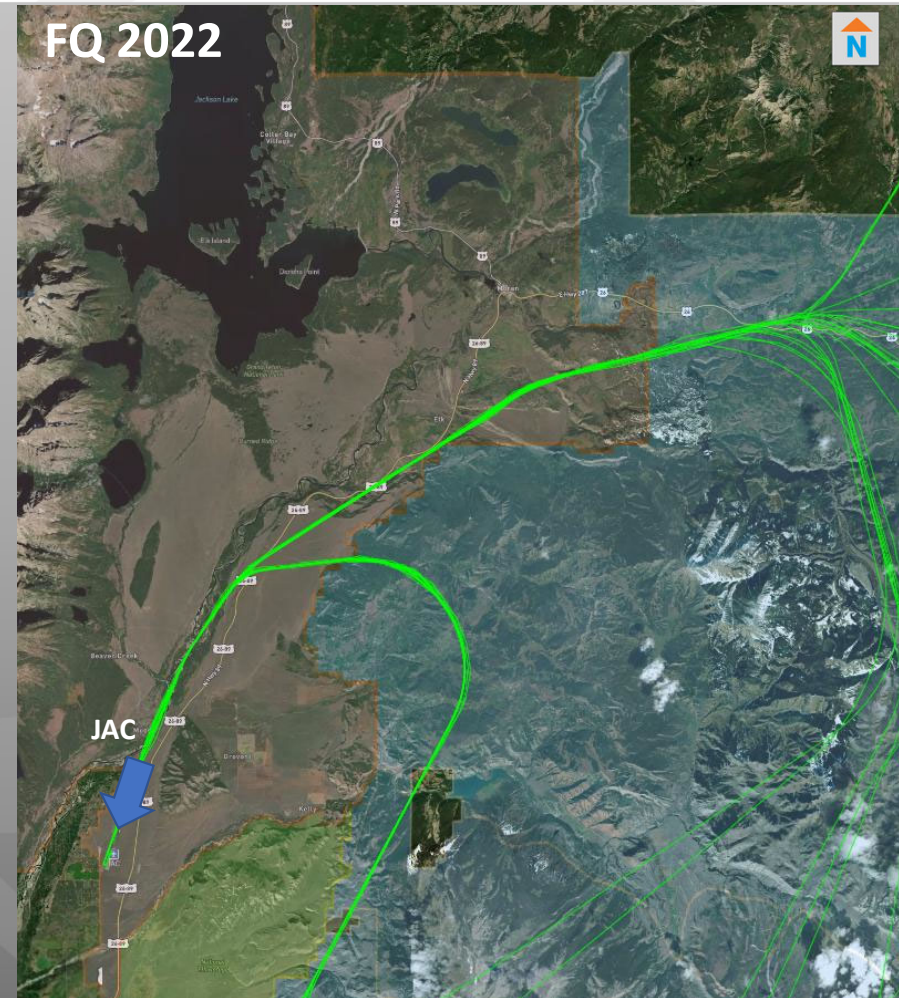
Jet Arrival Flight Tracks over GTNP (Fly Quiet Period 2015 vs. 2022)



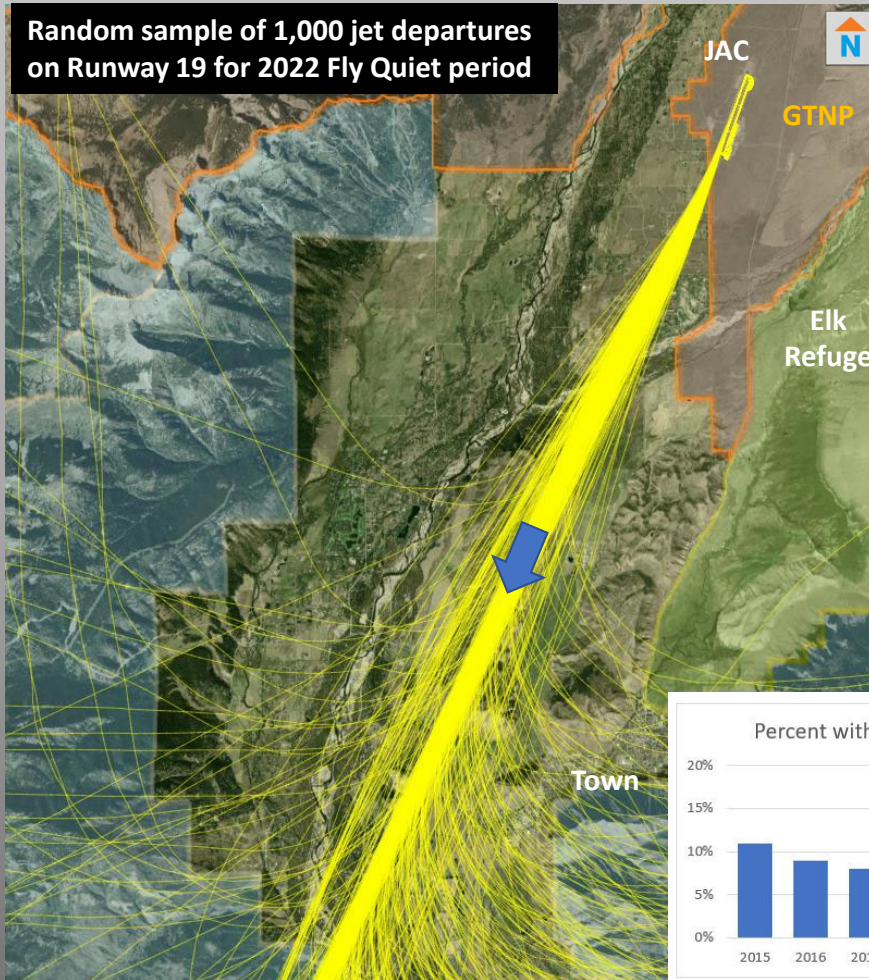


New Procedure Arrival Usage 2022

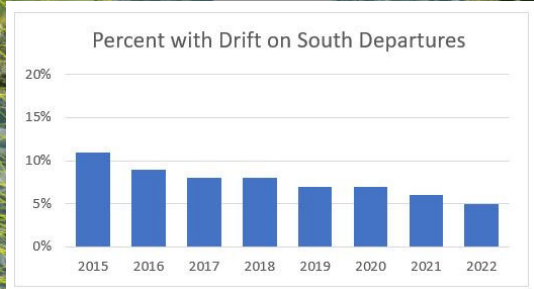
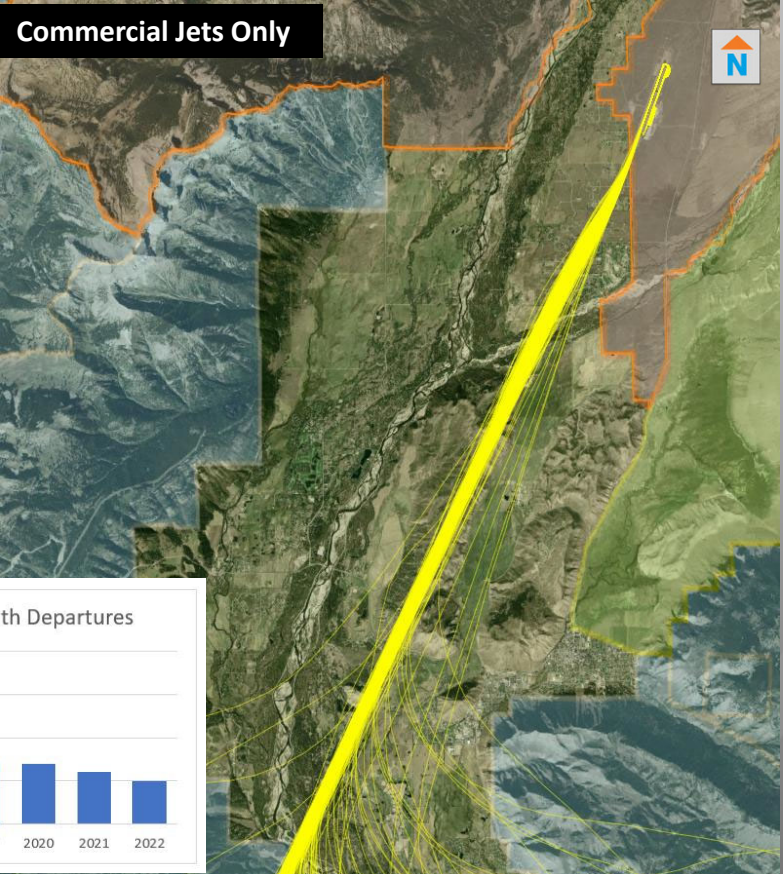
- ❖ Procedure first utilized in July 2022
- ❖ 45 flights used the procedure in 2022
- ❖ SkyWest and Alaska are largest users of procedure
- ❖ Primarily flown by commercial operators



South Departure Flight Procedures



Use of aircraft flight management system (FMS) computer reduces westward drift on south departures



Commercial Jets – Fly Quiet Score 2022

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
DAL	Delta Air Lines	1,808	A319	18.2	24.3	18.6	25.0	0.0	1.0		87.0	FQ Compliant
UAL	United Airlines	2,522	A320	17.9	24.1	19.8	22.0	0.0	1.0		84.9	FQ Compliant
ASA	Alaska Airlines	134	B737	17.7	19.6	20.1	25.0	0.0	1.0		83.4	FQ Compliant
AAL	American Airlines	1,328	A319	18.3	24.3	17.0	22.0	0.0	1.0		82.5	FQ Compliant
SCX	Sun Country Airlines	36	B737	17.6	25.0	13.9	25.0	0.0	0.0		81.5	FQ Compliant
SKW	Skywest Airlines	3,527	E75L	17.2	23.7	17.2	19.0	0.0	2.0		79.0	FQ Compliant



Corporate Jets (Part 135)

30 Operations per year or greater – Fly Quiet Score 2022

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	45	E55P	25.0	20.1	25.0	25.0	5.0	0.0		100.1	FQ Top Tier
XSR	Airshare	45	CL35	24.7	23.2	25.0	25.0	2.1	0.0		100.0	FQ Top Tier
JTZ	Nicholas Air	60	E55P	25.0	22.6	22.3	25.0	4.7	0.0		99.6	FQ Top Tier
JIT	Jet It Aviation	37	HDJT	23.8	21.3	23.3	25.0	4.3	0.0		97.7	FQ Top Tier
XOJ	XOJet	246	C750	24.6	21.0	24.7	25.0	2.2	0.0		97.4	FQ Top Tier
SIS	Silver Air Airlines	54	GALX	24.0	23.3	25.0	22.0	2.0	0.0		96.3	FQ Top Tier
FTH	Mountain Aviation	319	C750	24.8	19.9	24.2	22.0	4.6	0.0		95.5	FQ Top Tier
TIV	Thrive Aviation	121	C25B	24.6	20.3	23.2	25.0	1.7	0.0		94.9	FQ Top Tier
GAJ	Wheels Up Gama Aviation	58	C750	24.9	16.0	21.9	25.0	2.5	0.0		90.3	FQ Top Tier
EJA	NetJets Aviation	2,986	C68A	24.7	21.0	23.6	17.0	2.8	1.0		90.0	FQ Top Tier
SVL	Sun Devil Aviation	42	C25B	24.6	18.6	21.7	25.0	0.0	0.0		89.9	FQ Compliant
CNS	Cobalt Air	32	PC24	21.6	25.0	18.2	25.0	0.0	0.0		89.8	FQ Compliant
LXJ	Bombardier FlexJet	1,330	CL35	24.7	21.3	23.6	16.0	2.2	0.0		87.8	FQ Compliant
JTL	Jet Linx	129	C56X	22.9	13.7	23.9	25.0	1.1	0.0		86.6	FQ Compliant
EJM	Executive Jet Management	347	GLF4	22.7	22.0	18.6	22.0	0.3	0.0		85.7	FQ Compliant
DPJ	Wheels Up Private Jets	124	BE40	20.2	18.4	20.9	25.0	0.0	0.0		84.6	FQ Compliant
PFT	Paragon Airways	58	C56X	24.7	9.1	23.6	25.0	1.0	0.0		83.4	FQ Compliant
DLX	Dreamline Aviation	37	LJ60	24.4	4.5	25.0	25.0	3.6	0.0		82.6	FQ Compliant
OKC	Private Jets	34	E35L	20.4	14.1	22.9	25.0	0.0	0.0		82.4	FQ Compliant
HER	Hera Flight	32	C750	24.6	8.7	19.1	25.0	4.4	0.0		81.9	FQ Compliant
DRL	Omini Air Transport	38	LJ45	24.4	8.6	22.7	25.0	0.0	0.0		80.7	FQ Compliant
EDG	Jet Edge	172	GLF4	22.3	17.3	15.8	25.0	0.0	0.0		80.4	FQ Compliant
JCY	Aerius Management	82	C25B	23.2	8.9	22.5	25.0	0.0	0.0		79.5	FQ Compliant
TWY	Sunset Aviation	351	GLF6	22.5	18.3	19.7	19.0	0.0	0.0		79.5	FQ Compliant
PXT	Pacific Coast Jet	97	C25B	24.9	6.5	22.7	22.0	1.3	0.0		77.4	FQ Compliant

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
BLK	Aero Black (USAC Airways)	55	E135	23.2	7.1	25.0	20.0	0.0	0.0		75.3	FQ Compliant
RGY	Regency Airlines	35	BE40	15.4	22.4	11.8	25.0	0.0	0.0		74.7	FQ Compliant
KPO	NXT Jet	49	GLF4	20.4	20.2	8.3	25.0	0.0	0.0		73.8	FQ Compliant
JRE	Fly Exclusive	97	C56X	23.8	8.6	14.6	25.0	1.2	0.0		73.1	FQ Compliant
XLJ	Xcel Jet	42	LJ40	24.6	0.0	23.4	25.0	0.0	0.0		73.0	FQ Compliant
WDY	Phoenix Airline Services	40	GA6C	20.2	14.1	12.9	22.0	0.0	0.0		69.1	FQ Low Tier
SGO	Admiral Beverage	94	H25B	15.9	21.2	4.2	25.0	0.0	0.0		66.3	FQ Low Tier
COL	SC Aviation	40	H25B	16.5	19.4	3.6	25.0	0.0	0.0		64.5	FQ Low Tier
TTE	Avcenter	159	C560	20.5	0.0	17.6	22.0	0.8	0.0		60.8	FQ Low Tier



Corporate Jets (Part 135)

Between 30 and 6 Operations per year – Fly Quiet Score 2022

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
DJR	Desert Jet	23	C25B	24.8	25.0	25.0	25.0	0.9	0.0		100.6	FQ Top Tier
HPJ	Hop-a-Jet Inc.	12	CL60	23.8	25.0	25.0	25.0	1.7	0.0		100.4	FQ Top Tier
MVJ	Mira Vista Aviation	13	GLF4	23.3	25.0	25.0	25.0	1.9	0.0		100.2	FQ Top Tier
NTW	Maxair	23	E55P	25.0	22.2	22.9	25.0	5.0	0.0		100.1	FQ Top Tier
LJY	LJ Aviation	6	CL30	24.8	25.0	25.0	25.0	0.0	0.0		99.8	FQ Top Tier
STV	Saturn Aviation	14	LJ60	24.5	25.0	19.4	25.0	4.3	0.0		98.3	FQ Top Tier
VJT	Vistajet	8	GLEX	22.4	25.0	25.0	25.0	0.0	0.0		97.4	FQ Top Tier
XEN	Zenflight	8	GLF5	22.2	25.0	25.0	25.0	0.0	0.0		97.2	FQ Top Tier
GJE	Global Jet	12	GLF5	22.2	25.0	25.0	25.0	0.0	0.0		97.2	FQ Top Tier
JAS	Jet Aviation Flight Services	14	FA7X	21.6	25.0	25.0	25.0	0.0	0.0		96.6	FQ Top Tier
CWG	Clear Wing	6	C700	21.1	25.0	25.0	25.0	0.0	0.0		96.1	FQ Top Tier
SDU	Dumont Aviation	8	F2TH	20.4	25.0	25.0	25.0	0.0	0.0		95.4	FQ Top Tier
FFL	Foreflight	11	HDJT	24.0	16.7	25.0	25.0	3.6	0.0		94.3	FQ Top Tier
PXG	Aitheras Aviation Group	10	C680	23.7	16.7	25.0	25.0	3.0	0.0		93.3	FQ Top Tier
NSH	Gama Aviation	19	C68A	22.8	25.0	17.9	25.0	2.1	0.0		92.7	FQ Top Tier
DCM	FitPlan.com	16	E55P	23.7	16.1	25.0	25.0	1.9	0.0		91.6	FQ Top Tier
WSN	Advanced Air	19	CL30	24.7	16.7	25.0	25.0	0.0	0.0		91.4	FQ Top Tier
MVP	Premier Private Jets	6	H25B	15.9	25.0	25.0	25.0	0.0	0.0		90.9	FQ Top Tier
PGN	Unknown	6	FA50	15.9	25.0	25.0	25.0	0.0	0.0		90.9	FQ Top Tier
CAK	Southwest Aircraft Charter	18	LJ45	24.6	16.1	25.0	25.0	0.0	0.0		90.6	FQ Top Tier
DOW	Best Jets International	8	CL30	23.8	16.7	25.0	25.0	0.0	0.0		90.4	FQ Top Tier
FWK	Flightworks	27	GALX	21.6	22.4	21.2	25.0	0.0	0.0		90.2	FQ Top Tier
LKF	Aviation Advisor	22	C680	24.1	21.3	17.3	25.0	1.8	0.0		89.5	FQ Compliant
PEG	Pegasus Elite Aviation	17	GLF4	21.9	16.7	25.0	25.0	0.0	0.0		88.6	FQ Compliant
SLH	Silverhawk Aviation	22	C560	20.7	21.7	21.2	25.0	0.0	0.0		88.5	FQ Compliant

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
JNY	Jenney Beechcraft	10	GLF4	21.3	25.0	16.7	25.0	0.0	0.0		87.9	FQ Compliant
WMN	Trident Aircraft	26	LJ60	24.2	19.9	15.0	25.0	3.5	0.0		87.5	FQ Compliant
ELZ	Elite Air	6	E35L	22.9	13.9	25.0	25.0	0.0	0.0		86.7	FQ Compliant
XLS	Excel Aire LLC	10	GLF5	22.9	25.0	12.5	25.0	1.0	0.0		86.4	FQ Compliant
RLJ	Empyrean Jet	21	H25B	19.4	14.7	25.0	25.0	1.9	0.0		86.0	FQ Compliant
TEX	Unknown	8	C560	20.2	25.0	15.0	25.0	0.0	0.0		85.2	FQ Compliant
WWI	Worldwide Jet Charter	9	GLF4	21.0	25.0	12.5	25.0	0.0	0.0		83.5	FQ Compliant
FDJ	Freedom Air	10	EA50	25.0	2.8	25.0	25.0	5.0	0.0		82.8	FQ Compliant
KOW	Baker Aviation	10	C750	25.0	2.8	25.0	25.0	5.0	0.0		82.8	FQ Compliant
NJM	Northern Jet Management	7	LJ40	24.3	8.3	25.0	25.0	0.0	0.0		82.7	FQ Compliant
SJE	Sun Air Jets	10	C750	23.5	18.3	12.5	25.0	2.0	0.0		81.3	FQ Compliant
JCM	Secure Air Charter	12	H25B	16.3	25.0	15.0	25.0	0.0	0.0		81.3	FQ Compliant
CYO	Air Transport (ATI Jet)	28	LJ60	25.0	0.0	25.0	25.0	5.0	0.0		80.0	FQ Compliant
FTD	AB Jets	19	LJ60	25.0	0.0	25.0	25.0	5.0	0.0		80.0	FQ Compliant
SJA	Sawyer Aviation	6	C525	25.0	0.0	25.0	25.0	5.0	0.0		80.0	FQ Compliant
KFB	STAjets	20	GLF4	22.5	20.8	11.4	25.0	0.0	0.0		79.7	FQ Compliant
IJA	International Jet Aviation	22	LJ60	24.3	0.5	25.0	25.0	4.5	0.0		79.3	FQ Compliant
SCM	American Jet International	7	C56X	25.0	2.8	25.0	25.0	0.7	0.0		78.5	FQ Compliant
CJE	Aeroservices Corporate	24	E35L	23.1	12.2	16.7	25.0	0.0	0.0		77.0	FQ Compliant
RNI	Rennia Aviation LLC	16	F900	17.8	16.7	16.7	25.0	0.0	0.0		76.1	FQ Compliant
TFF	Talon Air	17	GLF5	21.8	20.2	8.3	25.0	0.0	0.0		75.4	FQ Compliant
RVJ	Aircraft Management Group	13	BE40	19.1	13.9	15.9	25.0	0.0	0.0		73.9	FQ Compliant
PRE	Precision Airlines	12	C56X	24.3	8.3	15.0	25.0	0.0	0.0		72.6	FQ Compliant
DHR	Jett Aircraft	15	LJ45	24.6	0.0	25.0	22.0	0.0	0.0		71.6	FQ Compliant
JKR	Justice Air Charter	6	F900	18.7	8.3	12.5	25.0	0.0	0.0		64.5	FQ Low Tier
MWT	Midwest Aviation	17	C650	16.4	0.0	10.0	25.0	0.0	0.0		51.4	FQ Low Tier

Corporate Jets (Single Operator)

30 Operations per year or greater – Fly Quiet Score 2022

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
N894KS	KS Air Charter, LLC	51	C68A	25.0	23.6	25.0	25.0	4.8	0.0		103.4	FQ Top Tier
N50AG	TVPX Aircraft Solutions, Inc.	32	CL60	23.2	25.0	25.0	25.0	0.0	0.0		98.2	FQ Top Tier
N82RL	604, LLC	43	CL60	23.2	25.0	25.0	25.0	0.0	0.0		98.2	FQ Top Tier
N560TW	T.W. Lewis Aviation, LLC	45	C56X	25.0	18.7	25.0	25.0	0.0	0.0		93.7	FQ Top Tier
N777MC	Meredith Corporation	31	E545	25.0	13.9	21.2	25.0	5.0	0.0		90.0	FQ Top Tier
N281EB	Swan, Erik	52	PC24	21.6	23.6	19.8	25.0	0.0	0.0		90.0	FQ Compliant
N279D	Hawkeye Group, LLC	44	C25B	25.0	15.0	23.3	25.0	0.0	0.0		88.3	FQ Compliant
N1440W	OVERLAND AIR LLC	49	C25C	22.5	18.3	25.0	22.0	0.1	0.0		87.9	FQ Compliant
N585WT	Kedec Services, LLC	46	C25B	25.0	12.9	25.0	25.0	0.0	0.0		87.9	FQ Compliant
N211PB	JOUST CAPITAL III LLC	62	GLEX	21.8	23.8	16.0	25.0	0.0	0.0		86.6	FQ Compliant
N881JH	FLAT CREEK AIRCRAFT LLC	41	F2TH	20.4	22.6	18.2	25.0	0.0	0.0		86.2	FQ Compliant
N616CC	Mays, L. Lowry	32	GLF4	21.9	25.0	12.5	25.0	0.0	0.0		84.4	FQ Compliant
N900BC	CSMS Management, LLC	31	C700	25.0	11.5	20.2	25.0	0.0	0.0		81.8	FQ Compliant
N980CC	FJ20 166 LLC	58	GLEX	21.8	16.7	17.9	25.0	0.0	0.0		81.3	FQ Compliant
N499AV	Teton Leasing, LLC	31	C56X	25.0	0.0	18.8	25.0	0.0	0.0		68.8	FQ Low Tier
N102WY	State of Wyoming - Dept. of Tr...	32	C560	18.3	0.0	25.0	25.0	0.0	0.0		68.3	FQ Low Tier

Corporate Jets (Single Operator)

Between 30 and 6 Operation per Year – Fly Quiet Score 2022

Highest

Lowest

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
N16DF	Hollister Aviation, LLC	8	E55P	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N282BB	F8 Leasing, LLC	6	C750	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N315S	SEGAL LAW FIRM	25	E55P	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N330GV	GRANDVIEW AVIATION LLC	10	E55P	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N393BU	U	8	E54S	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N408MB	MB MUSTANG LLC	10	C510	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N41KN	Space Shuttle A/C Leasing Co. ...	6	C525	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N565CG	KEYS 6061 LLC	10	LJ60	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N626CT	Sirrine Hall Aviation, LLC	14	C750	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N62PE	Impulse Circulation Services, Inc.	8	C510	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N631TJ	N631TJ, LLC	6	C525	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N770CJ	N770CJ LLC	6	C750	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N901PM	LCS Donohoe Logistics, LLC	8	LJ60	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N914GW	Dunrovin Aviation, LLC	7	C510	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N91FP	Jet There, LLC	6	C510	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N920DS	IBW Air Services, LLC	10	E55P	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N94PC	Claire Air Leasing Co., LLC	14	C680	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N955GH	GBBC Flight, LLC	8	C750	25.0	25.0	25.0	25.0	5.0	0.0		105.0	FQ Top Tier
N308GV	IBW Air Services, LLC	14	E55P	25.0	25.0	25.0	22.0	5.0	0.0		102.0	FQ Top Tier
N106SP	Partee Aviation, LLC	20	C680	25.0	21.7	25.0	25.0	5.0	0.0		101.7	FQ Top Tier
N113HX	Happytimes Aviation, LLC	19	HDJT	25.0	20.8	25.0	25.0	5.0	0.0		100.8	FQ Top Tier
N917FH	Global Transport Four, LLC	16	C68A	25.0	20.8	25.0	25.0	5.0	0.0		100.8	FQ Top Tier
N555QB	Her Honor, Inc.	18	C750	25.0	20.2	25.0	25.0	5.0	0.0		100.2	FQ Top Tier
N843M	Tichenor, McHenry T., Jr.	16	E55P	25.0	20.2	25.0	25.0	5.0	0.0		100.2	FQ Top Tier
N1CA	C.A. Leasing Corporation	8	CL30	25.0	25.0	25.0	25.0	0.0	0.0		100.0	FQ Top Tier

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
N238SM	Excel Leasing, LLC	13	C56X	25.0	0.0	18.8	25.0	0.0	0.0		68.8	FQ Low Tier
N655L	Stewart Aviation Services, LLC	9	SBR1	18.5	0.0	25.0	25.0	0.0	0.0		68.5	FQ Low Tier
N241CT	Silverstar Partners, LLC	6	WW24	18.8	13.9	10.7	25.0	0.0	0.0		68.4	FQ Low Tier
N608JR	Excel Aviation, LLC	12	C560	18.3	0.0	25.0	25.0	0.0	0.0		68.3	FQ Low Tier
N750ML	Lincoln Industries, Inc.	6	C560	18.3	0.0	25.0	25.0	0.0	0.0		68.3	FQ Low Tier
N200SG	Teton Air, LLC	12	FA50	15.9	13.9	12.5	25.0	0.0	0.0		67.3	FQ Low Tier
N299PR	Business Aircraft Corporation	6	FA50	15.9	13.9	12.5	25.0	0.0	0.0		67.3	FQ Low Tier
N744CB	CB AVIATION INC	8	C25A	24.2	13.9	3.6	25.0	0.0	0.0		66.7	FQ Low Tier
N871CB	Thomas Aircraft CJ2 PC-12, LLC	23	C25A	24.2	0.0	20.5	22.0	0.0	0.0		66.7	FQ Low Tier
N11HM	Erin Air, Inc.	10	GALX	21.6	0.0	17.9	25.0	0.0	0.0		64.5	FQ Low Tier
N673WM	PNC Equipment Finance, LLC	8	FA7X	19.1	13.9	5.0	25.0	0.0	0.0		63.0	FQ Low Tier
N889CG	It's Like Waving a Flag in the AL...	8	GLF4	21.9	2.8	12.5	25.0	0.0	0.0		62.2	FQ Low Tier
N770RG	Air McCormack, LLC	8	H25C	21.5	2.8	12.5	25.0	0.0	0.0		61.8	FQ Low Tier
N606TD	TVPX AIRCRAFT SOLUTIONS I...	6	GLEX	21.8	0.0	13.5	25.0	0.0	0.0		60.3	FQ Low Tier
N940CC	FJ20 166, LLC	13	FA50	15.9	6.0	12.5	25.0	0.0	0.0		59.3	FQ Low Tier
N950SF	Teton Sales and Leasing, LLC	14	F900	20.0	0.0	13.5	25.0	0.0	0.0		58.5	FQ Low Tier
N307GP	AIR CASHMERE LLC	12	G150	20.2	0.0	12.5	25.0	0.0	0.0		57.7	FQ Low Tier
N17TX	Triangle 5 Ranch, LLC	11	C560	18.3	2.8	10.7	25.0	0.0	0.0		56.7	FQ Low Tier
N315EX	TVPX Aircraft Solutions, Inc.	16	FA50	15.9	8.3	7.1	25.0	0.0	0.0		56.4	FQ Low Tier
N424JS	JS Jet One, LLC	7	GLF4	21.9	2.8	6.3	25.0	0.0	0.0		55.9	FQ Low Tier
N430SA	PDIA, LLC	18	C650	16.4	10.7	3.6	25.0	0.0	0.0		55.7	FQ Low Tier
N730CJ	N730CJ, LLC	6	H25C	22.2	2.8	5.0	25.0	0.0	0.0		55.0	FQ Low Tier
N204BG	Precision Aviation, Inc.	22	C560	18.3	0.0	11.7	25.0	0.0	0.0		54.9	FQ Low Tier
N188FJ	TLC Aircraft Holdings, LLC	8	FA50	15.9	0.0	12.5	25.0	0.0	0.0		53.4	FQ Low Tier
N59CJ	AeroSolutions Group, Inc.	14	FA50	15.9	0.0	10.7	25.0	0.0	0.0		51.6	FQ Low Tier

Working with Individual Operators

- ❖ A number of operators have expressed interest in how to improve their score
- ❖ Developed a detailed report to send to operators showing their results
- ❖ Developed a guide on how to improve scores – available on the Airport's website

Operator		
Year	Code	Operator
2022	EJA	NetJets Aviation

Overall Fly Quiet Score							
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
24.7	21.0	23.6	17.0	2.8	0.0	90.0	FQ Top Tier

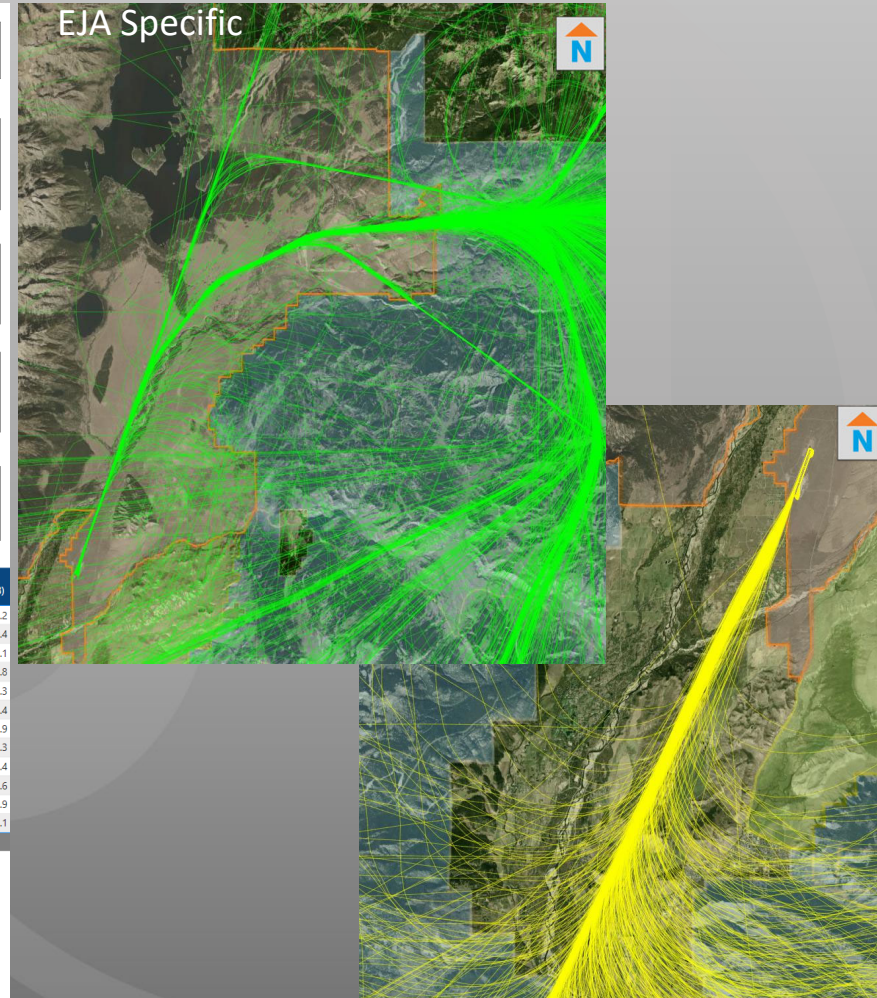
Fleet Quality and Quiet Fleet Bonus Score Details						
Total Annual Ops	Primary Aircraft	Avg Fleet Margin (dB)	Quiet Fleet Score (25 pts)	Total Stage 5 Plus Ops	Percent Stage 5 Plus	Quiet Fleet Bonus (5 pts)
2,986	C68A	29.9	24.7	1,662	56%	2.8

Follow Procedures Score Details										
Total GPS v CONV	Valid GPS v CONV	Percent GPS v CONV	Total East v West	Valid East v West	Percent East v West	Total South Flights	Valid Without Drift	Percent Without Drift	Percent All Proc	Follow Procedures Score (25 points)
1,134	1,118	98.4%	1,310	1,196	91.3%	1,233	1,211	98.2%	96.0%	21.0

High Events and Voluntary Curfew Score Details					
Total High Events	Percent High Events per Operation	Quiet Events Score (25 points)	Curfew Ops	Percent Comply Curfew	Voluntary Curfew Score (25 points)
61	97.1%	28.6	5	99.8%	17.0

Fleet Quality Operational Details						
Year	Code	Aircraft	Description	Total Operations	Total Stage 5 Plus Operations	Aircraft Margin (dB)
2022	EJA	C56X	560XL Citation EXCEL	303	0	29.2
2022	EJA	C680	Cessna 680 Citation Sovereign	242	242	30.4
2022	EJA	C68A	Cessna 680 Citation Latitude	986	986	32.1
2022	EJA	C700	Cessna 700 Citation Longitude	307	0	29.8
2022	EJA	CL30	Bombardier Challenger 300	19	0	28.3
2022	EJA	CL35	Bombardier Challenger 350	488	0	26.4
2022	EJA	CL60	Canadair CL-600 / 601 / 604 / 605	123	0	23.9
2022	EJA	E55P	Embraer EMB-505 Phenom 300	434	434	32.3
2022	EJA	GL5T	Bombardier BD-700 Global Express/Global 50...	32	0	22.4
2022	EJA	GL7T	Bombardier BD-700 Global Express/Global 7...	2	0	23.6
2022	EJA	GLEX	Bombardier BD-700 Global Express/Global All	48	0	20.9
2022	EJA	GLF4	Gulfstream Aerospace G-IV	2	0	21.1
Total				2,986	1662	

Voluntary Curfew Hours Operations						
Flight Time	D/A	Aircraft	Flight ID	Ship No	Runway	Org/Dest
3/11/2022 11:50:14 PM	A	C68A	EJA561	N561QS	19	KTEB
9/7/2022 1:05:53 AM	A	C700	EJA823	N823QS	01	KBIC
9/11/2022 11:50:33 PM	D	C68A	EJA501	29CF06	19	KPHX
10/3/2022 5:49:09 AM	D	E55P	EJA404	N404QS	19	KSJC
11/14/2022 3:04:39 AM	A	C56X	EJA647	N647QS	19	KVNY



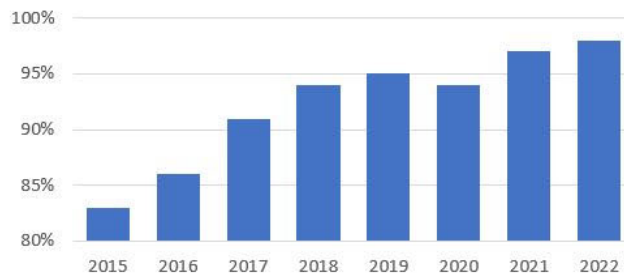


Summary

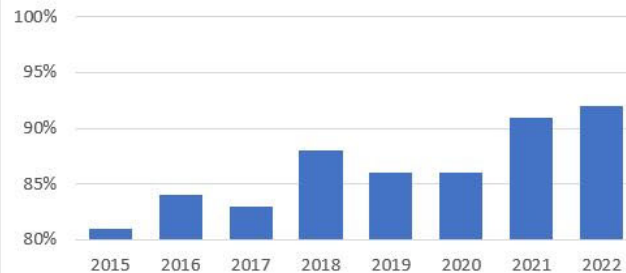
❖ Fly Quiet shows a continued overall trend of improvement or steady levels of Fly Quiet noise measures

- Corporate jet Fleet Quality shows trends in greater use of newer generation (quieter) Stage 5 aircraft and less of the older (louder) Stage 3 aircraft. Commercial not yet changing.
- Aircraft are following the flight procedure goals with greater than 90% compliance and showing trends of increased compliance.
- The percentage of higher noise level events per operation are reducing as older technology jet aircraft leave the fleet and Fly Quiet efforts.
- The number of voluntary curfew hours operations of jet flights continues to be low with majority of curfew hours operations by Life Flight piston aircraft.

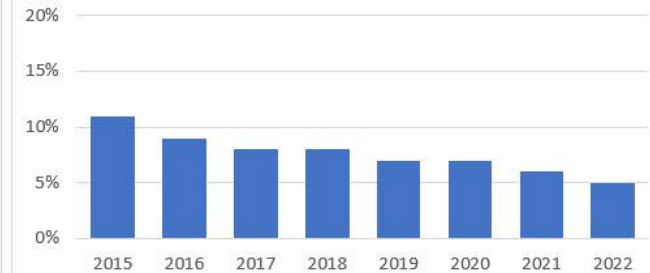
Percent on GPS vs Conventional



Percent East of Core Areas of the Park



Percent with Drift on South Departures





Summary, Continued

- ❖ 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 community or how to improve.



Next Steps

❖ End of Year 2022 Activities

- Promote Top Tier operators
- Continue to work with Low Tier operators to improve
- Use up-to-date 2022 data to track operators
- Advertise results

❖ Future 2023 Update

- Incorporate new Voluntary Curfew Hours for GA aircraft
 - 9:30 pm – 7:00 am
- Promote through National Business Aviation Association and other outreach methods to operators
- Other



Top Tier Operators

The Top Tier includes General Aviation operators with 30 or more annual operations at JAC. To be considered Top Tier, the operators scored 90.0 and above.

2022 Year-End Report

Part 135 Category

Summit Aviation
Airshare
Nicholas Air
Jet It Aviation
XOJet

Non-Part 135 Category

KS Air Charter, LLC
TVPX Aircraft Solutions, Inc.
604, LLC
T.W. Lewis Aviation, LLC
Meredith Corporation

*For complete
rankings and
more info, visit*

jacksonholeairport.com





Questions