

Fly Quiet Program Quarterly Update

July 1, 2024 – September 30, 2024
3rd Quarter 2024 Update





2024 Q3 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 new noise monitoring sites.

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

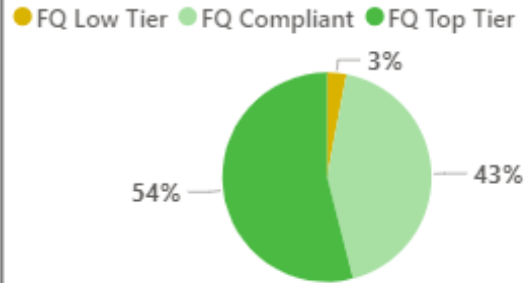
- **Operations are categorized by type of operator and number of operations**

CATEGORY OF FLY QUIET AIRCRAFT OPERATOR	CLASSIFICATION BY NUMBER OF ANNUAL OPERATIONS*
Commercial and Regional Airlines	-Minimum of 48 annual operations (12 per quarter)
GA Fleet Operator (i.e. NetJets, fractional owners/fleets also referred to as Part 135)	-Operators with 48 or more annual operations (12 per quarter) -Operators with between 16 and 47 annual operations (Between 6 and 12 per quarter)
GA Single Owner/Operator (i.e., N1234)	-Operators with 48 or more annual operations (12 per quarter) -Operators with between 16 and 47 annual operations (Between 6 and 12 per quarter)

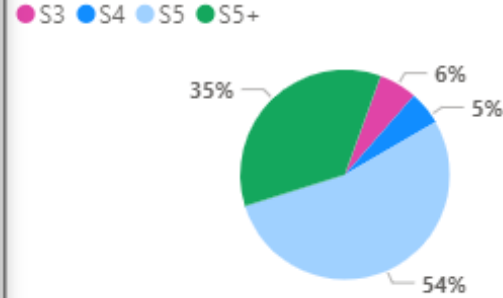


2024 Q3 FLY QUIET OPERATIONS SUMMARY

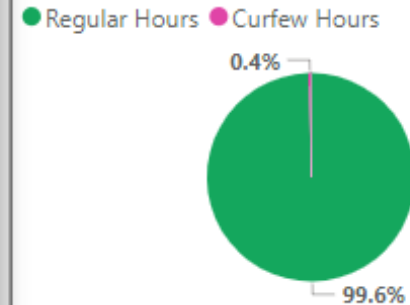
Percent GA Operations by FQ Tier



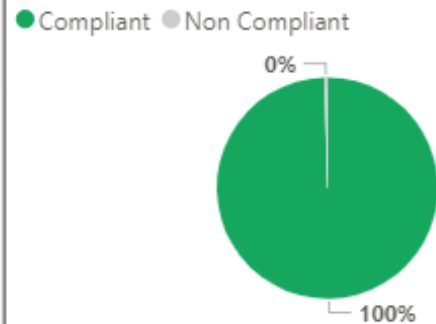
Percent GA Stage



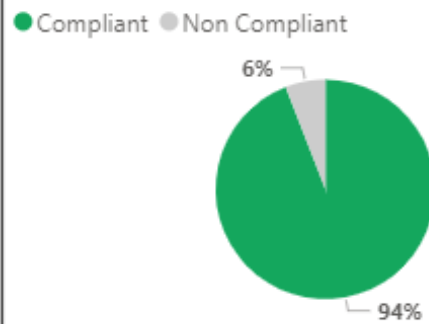
Percent Curfew Operations



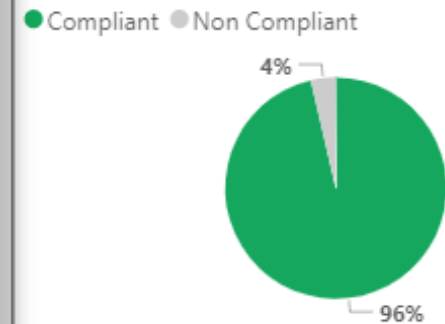
% FQ Aircraft Flying GPS vs CONV



% FQ Aircraft on or East of GPS Procedure



% FQ Aircraft Departing So. Without Drift

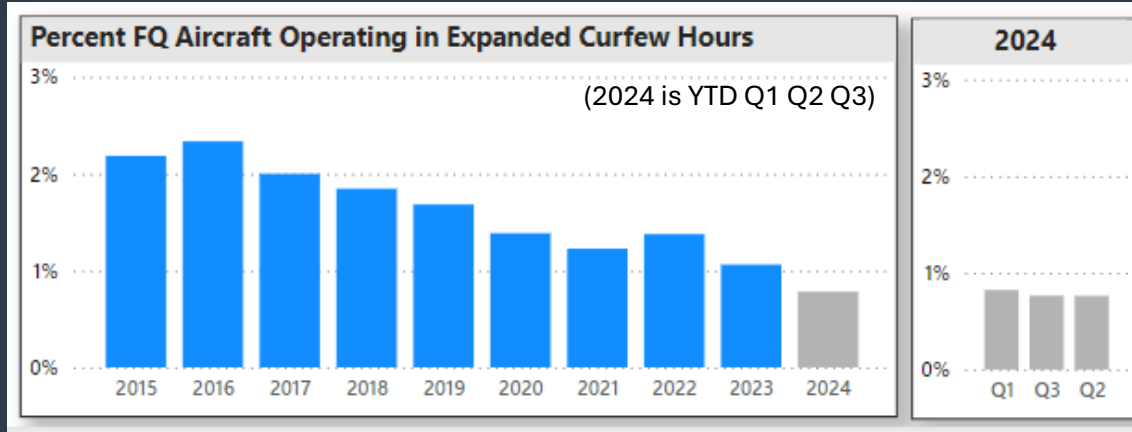


Data is from the Airport's Noise Monitoring System and may not exactly match official FAA counts.

- Shows reduction in number of voluntary curfew hour operations.
- Continued improvement in flying flight procedure goals. Note Summer compliance lower than winter.
- Note: interim quarterly results show trends that may be influenced by seasonal conditions or short periods of irregular operations.



2024 Q1 Q2 Q3 FLY QUIET PROGRAM TRENDS CURFEW HOURS OPERATIONS



- During the third quarter, the number of Fly Quiet aircraft operations during the expanded voluntary curfew hours have decreased 42% over operations in the same hours for the third 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 0.7% of operations for general aviation and 0.1% of commercial operations.
- Multiple operators had reductions in voluntary curfew hour operations during 2024.



2024 Q1 Q2 Q3 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	91.2
EJM	Executive Jet Management	71.7	69.5	77.5	80.2	88.4	83.9	77.8	75.8	77.8	86.5
LXJ	Bombardier FlexJet	68.7	73.3	80.0	83.5	80.9	82.8	83.5	83.8	85.3	87.4
OPT	Flight Options	72.0	70.5	87.0	86.3	86.6		77.9		90.4	88.3
TTE	Avcenter	54.1	46.4	68.0	64.5	59.1	48.1	67.8	58.4	80.7	71.3
XOJ	XOJet	84.4	86.7	92.6	93.1	80.7	94.6	87.9	99.3	103.3	99.6

2024 Q1 & Q2 & Q3				
Operator	Operator Name	Q1	Q2	Q3
EDG	Jet Edge	87.9	92.7	
EJA	NetJets Aviation	94.7	89.6	95.7
EJM	Executive Jet Management	89.6	83.7	88.6
LXJ	Bombardier FlexJet	85.1	94.9	94.8
OPT	Flight Options	87.1	77.9	97.2
TTE	Avcenter	81.9	87.8	61.2
XOJ	XOJet	105.0	98.3	98.5

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 & Q3 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	8
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	14
OPT	Flight Options	13	10	5	7	6		0		0	0
TTE	Avcenter	4	5	7	13	19	9	2	4	0	3
XOJ	XOJet	2	2	2	2	4	0	3	0	0	0

2024 Q1 & Q2 & Q3				
Operator	Operator Name	Q1	Q2	Q3
EDG	Jet Edge	0	0	
EJA	NetJets Aviation	2	5	1
EJM	Executive Jet Management	1	0	0
LXJ	Bombardier FlexJet	12	1	1
OPT	Flight Options	0	0	0
TTE	Avcenter	0	0	3
XOJ	XOJet	0	0	0

1. 2024 Extrapolated 2. to Full Year	
Operator	2024
EDG	0
EJA	11
EJM	1
LXJ	19
OPT	0
TTE	4
XOJ	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%	0.3%
EJM	Executive Jet Management	1.3%	1.3%	3.0%	2.6%	0.0%	0.4%	0.9%	1.4%	1.0%	0.3%
LXJ	Bombardier FlexJet	2.0%	1.5%	3.1%	2.1%	2.3%	1.1%	1.7%	2.3%	1.4%	0.9%
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%	2.2%
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 & Q3				
Operator	Operator Name	Q1	Q2	Q3
EDG	Jet Edge	0.0%	0.0%	
EJA	NetJets Aviation	0.2%	0.7%	0.1%
EJM	Executive Jet Management	1.2%	0.0%	0.0%
LXJ	Bombardier FlexJet	2.2%	0.3%	0.1%
OPT	Flight Options	0.0%	0.0%	0.0%
TTE	Avcenter	0.0%	0.0%	3.8%
XOJ	XOJet	0.0%	0.0%	0.0%

(2024 is YTD Q1, Q2 & Q3)



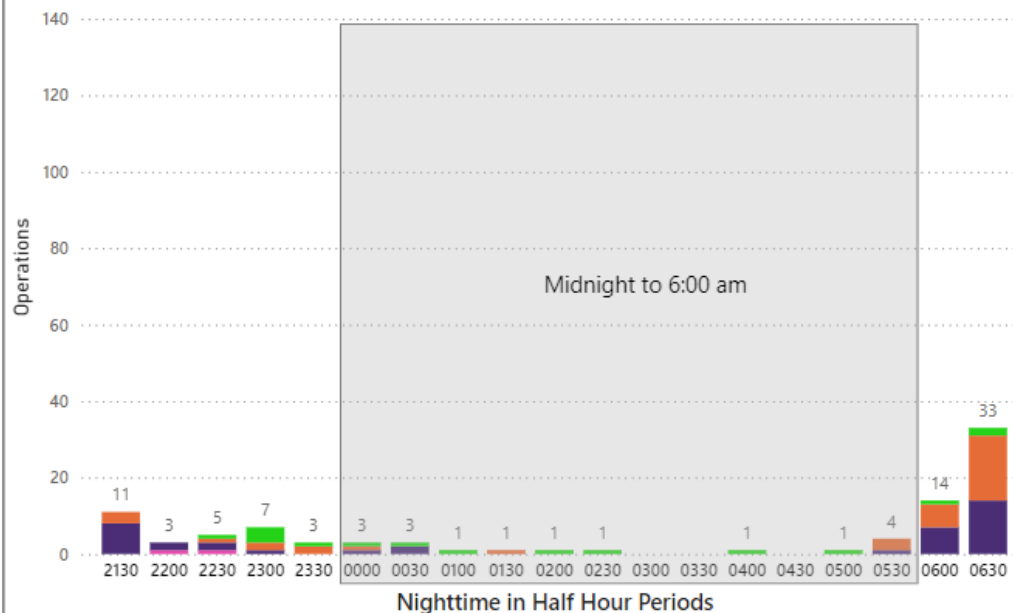
2024 Q3 CURFEW HOURS OPERATIONS INCLUDING FQ AND OTHER OPERATIONS

Night Operations (Voluntary Curfew Hours)

2024 Q3

Voluntary Curfew Operations by half hour periods

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

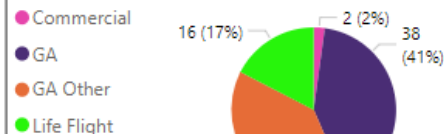


Voluntary Curfew Hours

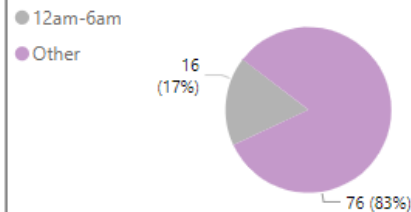
General Aviation
9:30 pm - 6:59 am for arrivals & departures

Commercial
11:30 pm to 5:59 am for arrivals
10:00 pm to 5:59 am for departures

Voluntary Curfew Operations by Aircraft Category

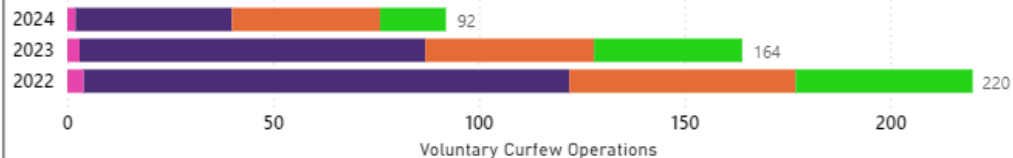


Midnight to 6:00 am vs. Other Curfew Hours

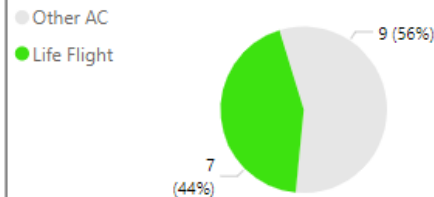


Voluntary Curfew Operations by Aircraft Category

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



Life Flights (Midnight to 6:00 am)



- **Life Flights Operations:** Life Flights were propeller aircraft, account for 17% of curfew hours operations.
- **Fly Quiet Aircraft Voluntary Curfew Operations:** In Q3 2024, there was 2 Commercial and 38 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 36 of the Voluntary Curfew hour operations, which is 39% of the nighttime operations; 9 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.

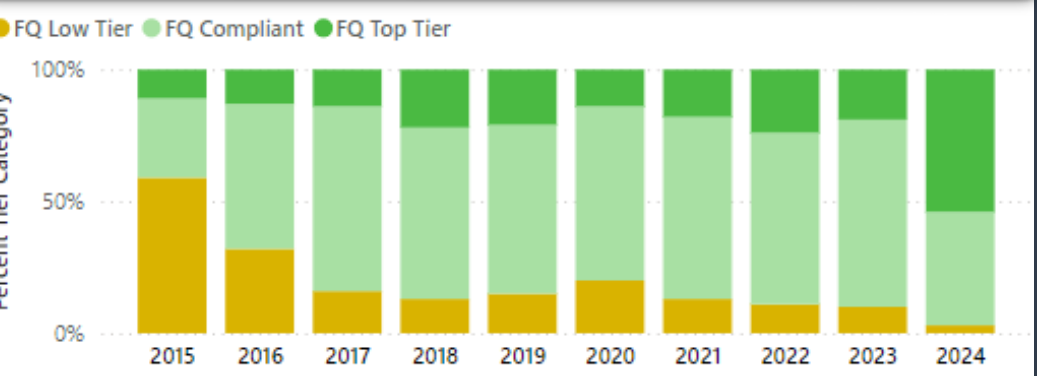
For comparative purposes, data for prior years is 3rd quarter only



2024 Q3 FLY QUIET PROGRAM TRENDS - OVERALL

Overall Airport Fly Quiet Trends

Percent Total Operations by FQ TIER (2024 is YTD Q1 & Q2 & Q3)



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

Noted Individual Improvements in 2024 Q3 over past periods

Category	Code	Operator	Improvement
Air Carrier	UAL	United Airlines	Reduced Curfew Hour Operations
GA Fleet	LXJ	Flexjets	Reduced Curfew Hour Operations
	HRA	Hera Flights	Quieter Fleet
Single Operator	N101WY	State of Wyoming	Improved Following Procedures
	N102WY	State of Wyoming	Improved Following Procedures

- 2024 Q3 showed a trend of improvement in individual and overall scores.
- GA Top Tier operations:
 - 2024 Q3: 62%
 - 2023 Q3: 24%
 - 2015 Q3: 11%

Top Scoring Operators 2024 Q3

Air Carrier			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score
UAL	United Airlines	1,492	82.6
DAL	Delta Air Lines	703	81.6
ASA	Alaska Airlines	21	80.8
SKW	Skywest Airlines	562	77.0
AAL	American Airlines	843	71.7

Large GA Fleet Operator			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score
HER	Hera Flight	14	103.6
PFT	Paragon Airways	17	100.6
TIV	Thrive Aviation	38	100.5
CYO	Air Transport (ATI Jet)	40	99.7
KOW	Baker Aviation	28	98.4

Large GA Single Operator			OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Total Fly Quiet Score
N482PG	ROGER ROGER LLC	21	105.0
N894KS	KS Air Charter, LLC	35	105.0
N238SM	Excel Leasing, LLC	14	100.0
N253XS	XS Air, LLC	14	100.0
N492CA	Cava, LLC	15	100.0



Planned 2024 Activities

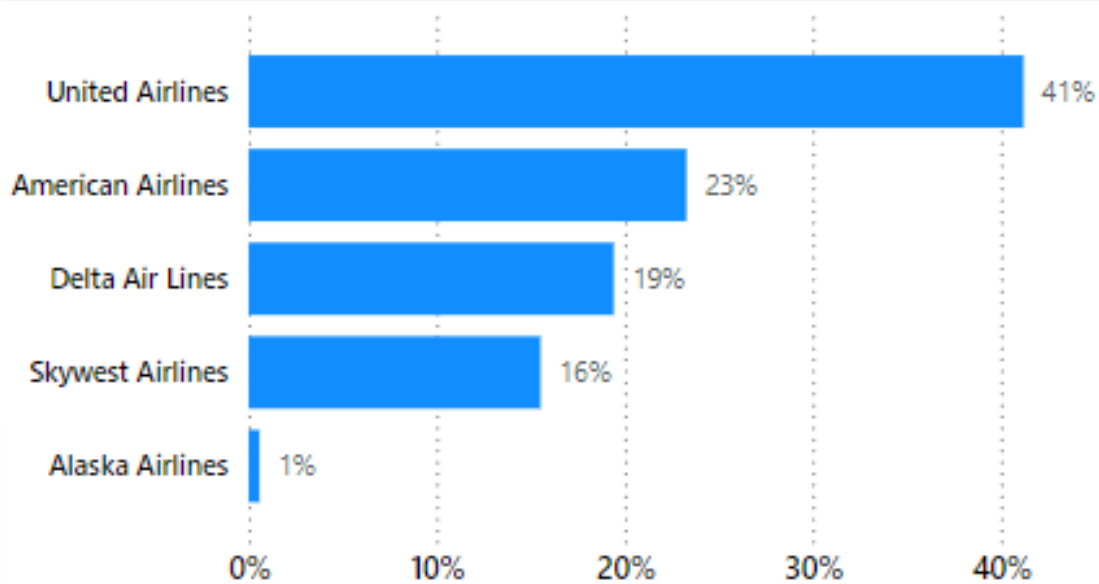
- Promote Top Tier operators
- Continue to work with Low Tier operators to improve score
- Contact operators that continue to have curfew hour operations
- Outreach to operators each quarter with performance metrics
- Advertise and promote Fly Quiet Top Tier operators in national industry publications

2024 Q3 Period
Fly Quiet Detailed Results

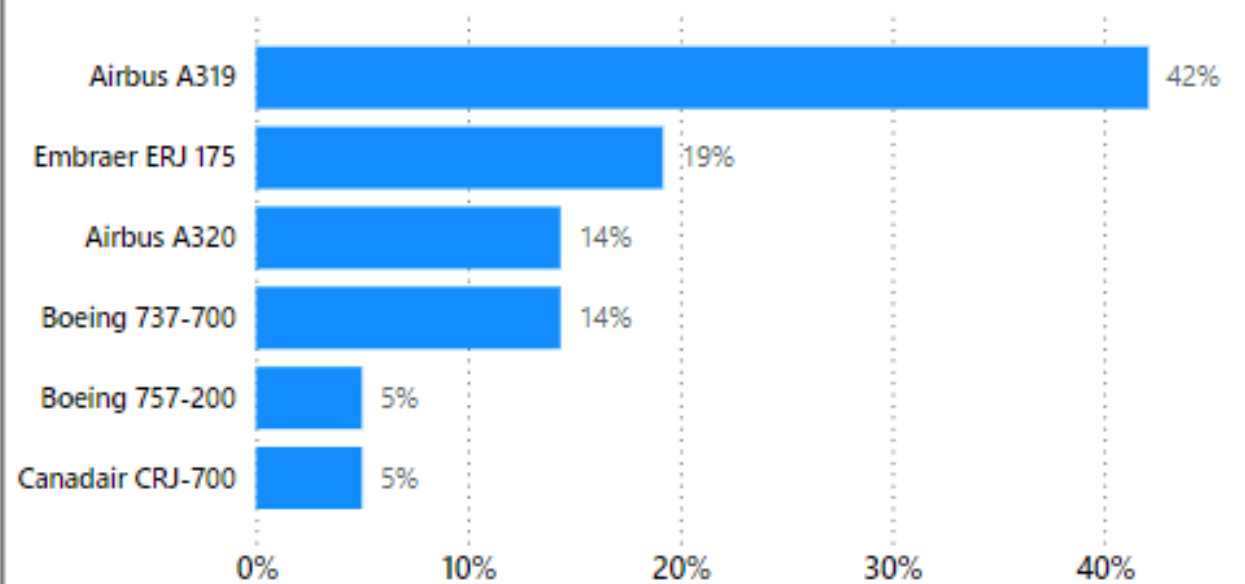


2024 Q3 FLY QUIET OPERATIONS SUMMARY

Commercial Operators (%)



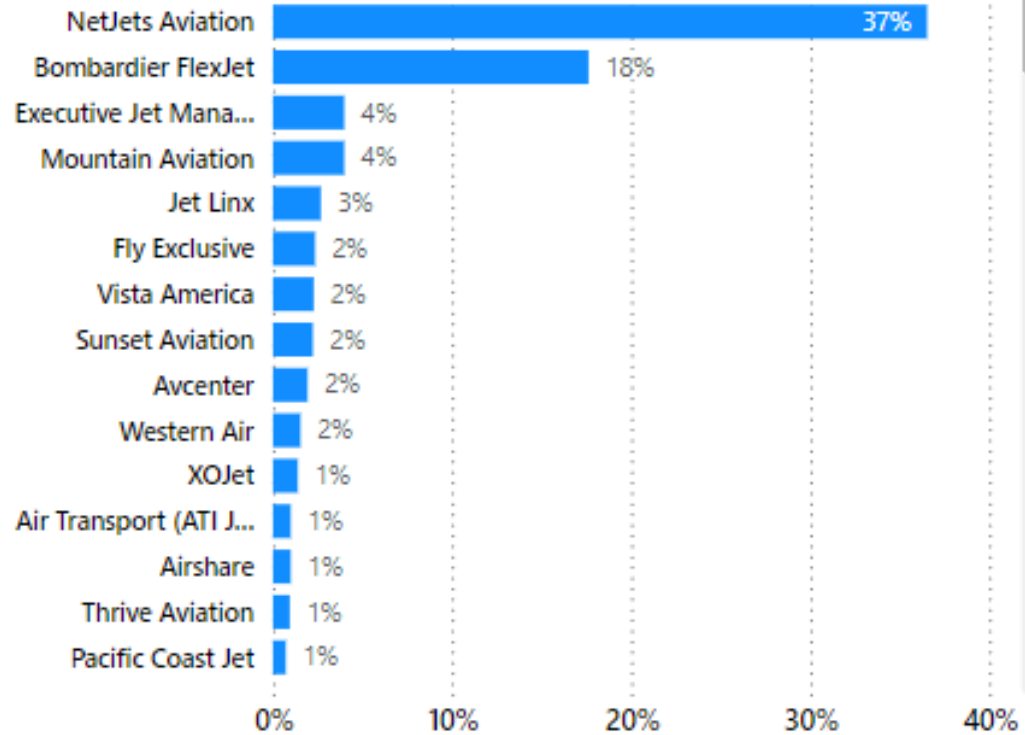
Commercial Aircraft (%)



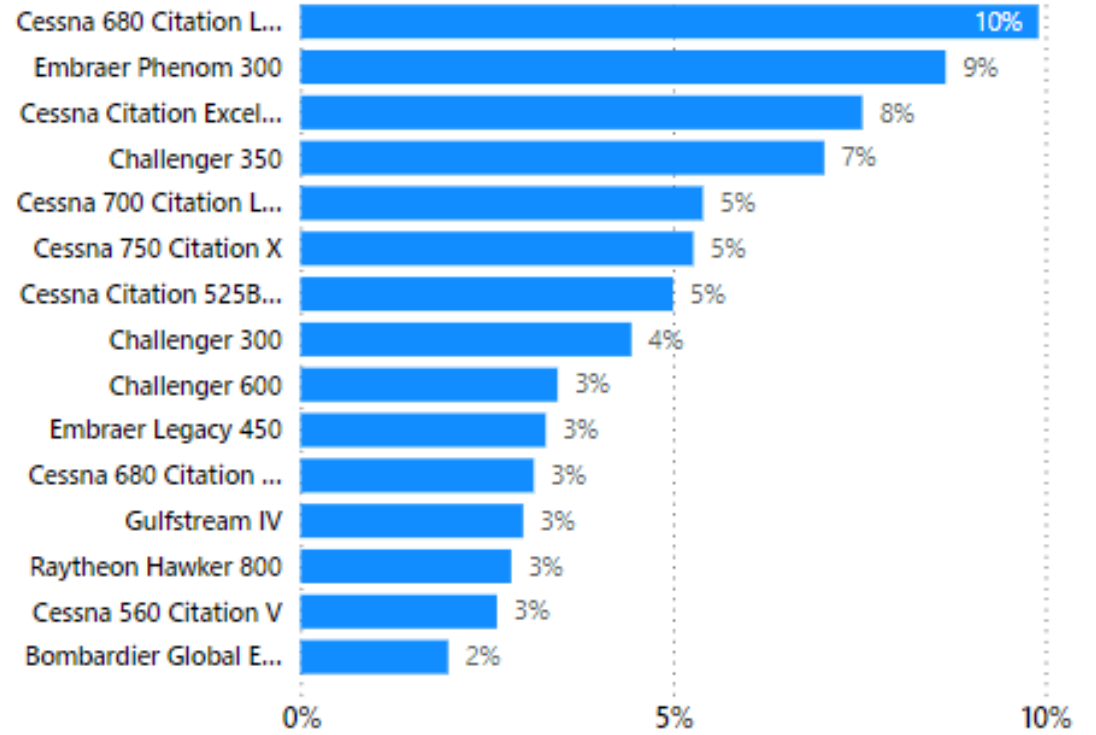


2024 Q3 FLY QUIET OPERATIONS SUMMARY

Top 15 GA Operators (%)



GA Aircraft (%) of Operations





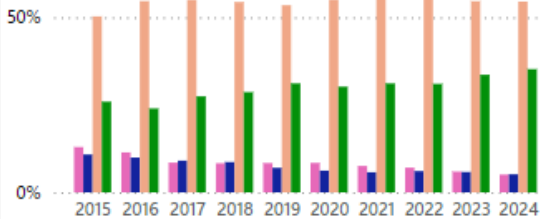
2024 Q1 Q2 Q3 FLY QUIET PROGRAM TRENDS INDIVIDUAL ELEMENTS

Fleet Quality (2024 is YTD Q1 & Q2 & Q3)

GA Percent Stage Certification

Percent GA Aircraft by Noise Stage

● Stage 3 ● Stage 4 ● Stage 5 Regular ● Stage 5 Plus

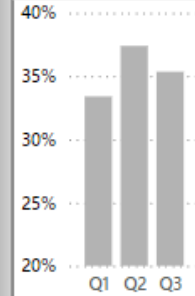


Percent GA Stage 5+ (10 dB better than Stage 5)

Percent GA Aircraft are Stage 5 Plus



2024

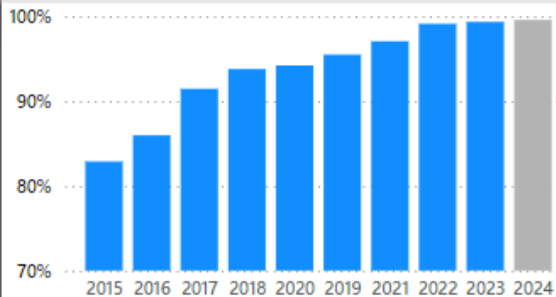


- Aircraft fleet quality has improved due to older, louder GA aircraft replaced with newer, quieter aircraft
 - In 2015, 80% of GA were Stage 5
 - In YTD 2024, 94% of GA were Stage 5
- All flight procedure measures showed improvement over the past years.
- The use of the new arrival procedure is low,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

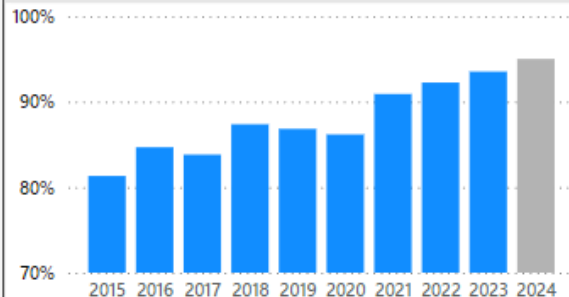
Flight Procedure Compliance (2024 is YTD Q1 & Q2 & Q3)

Flight Procedures Compliance

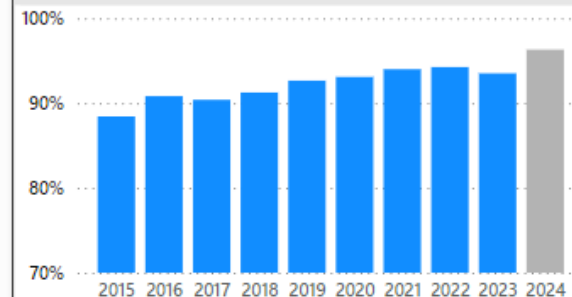
Percent FQ Aircraft Flying GPS vs CONV



Percent FQ Aircraft on or East of GPS Procedure

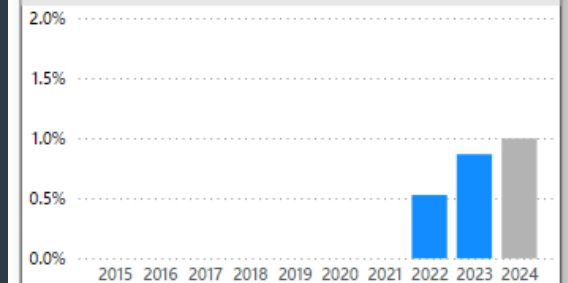


Percent FQ Aircraft Departing So. Without Drift



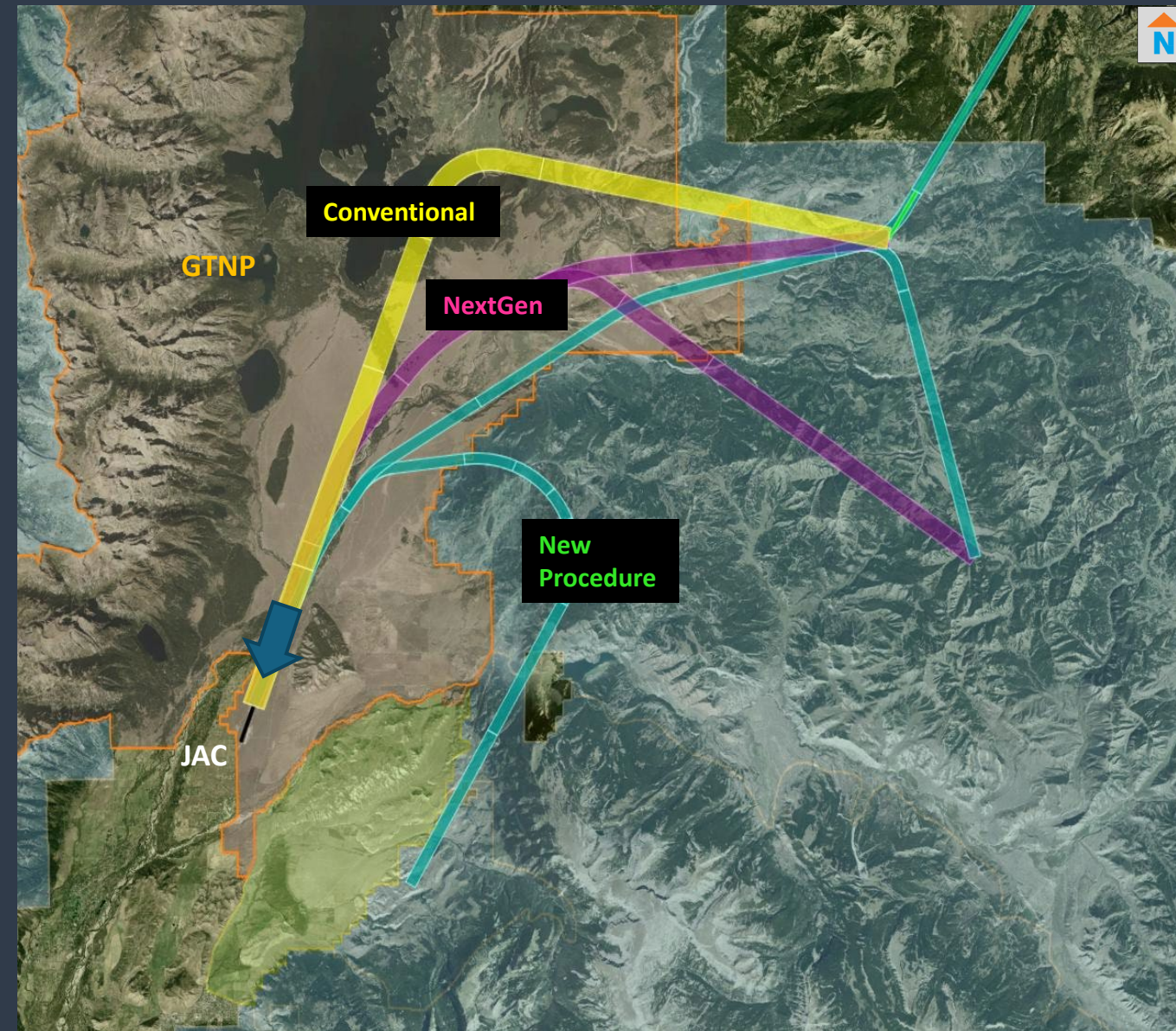
Percent New Arrival Procedure Use

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

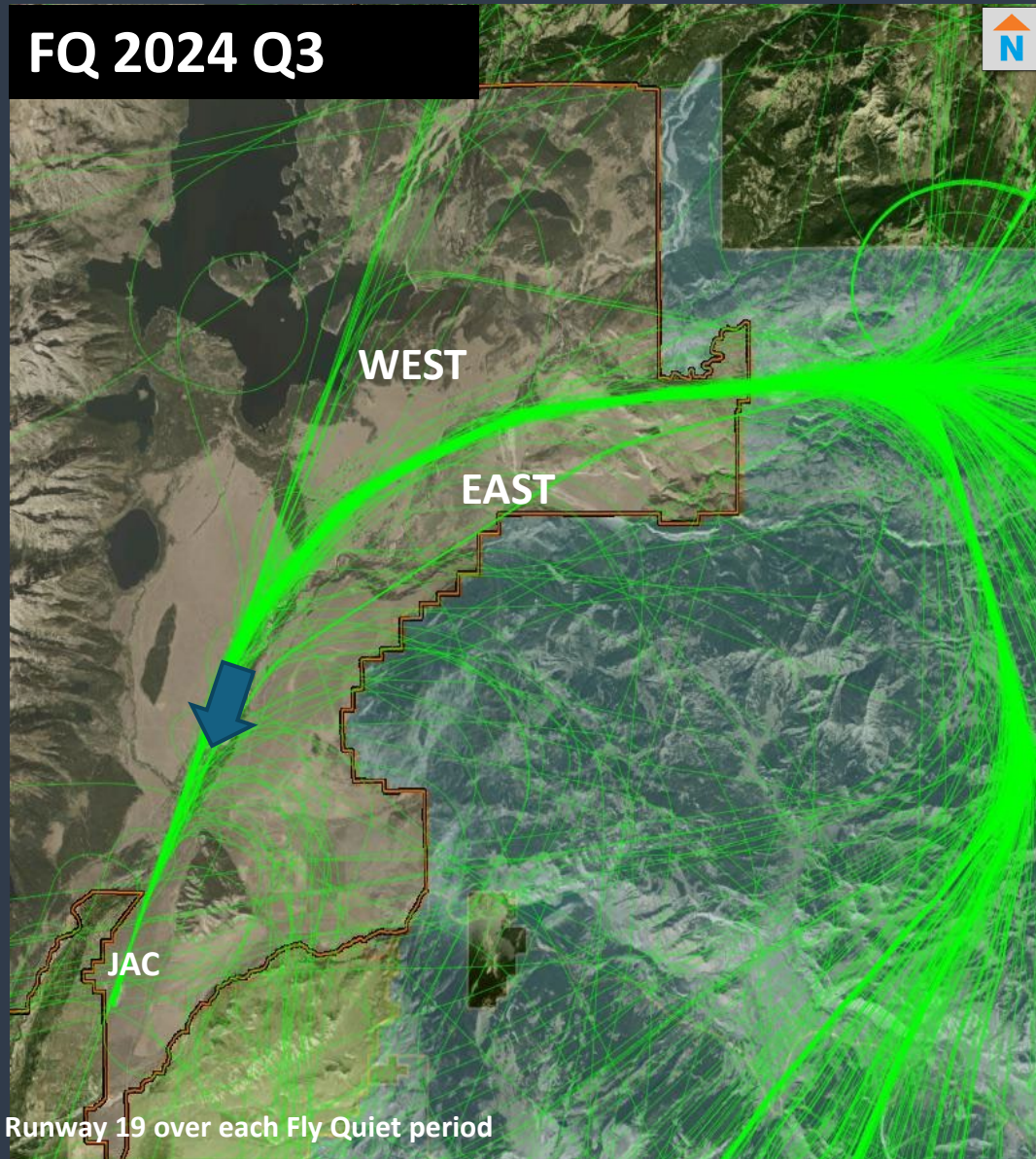
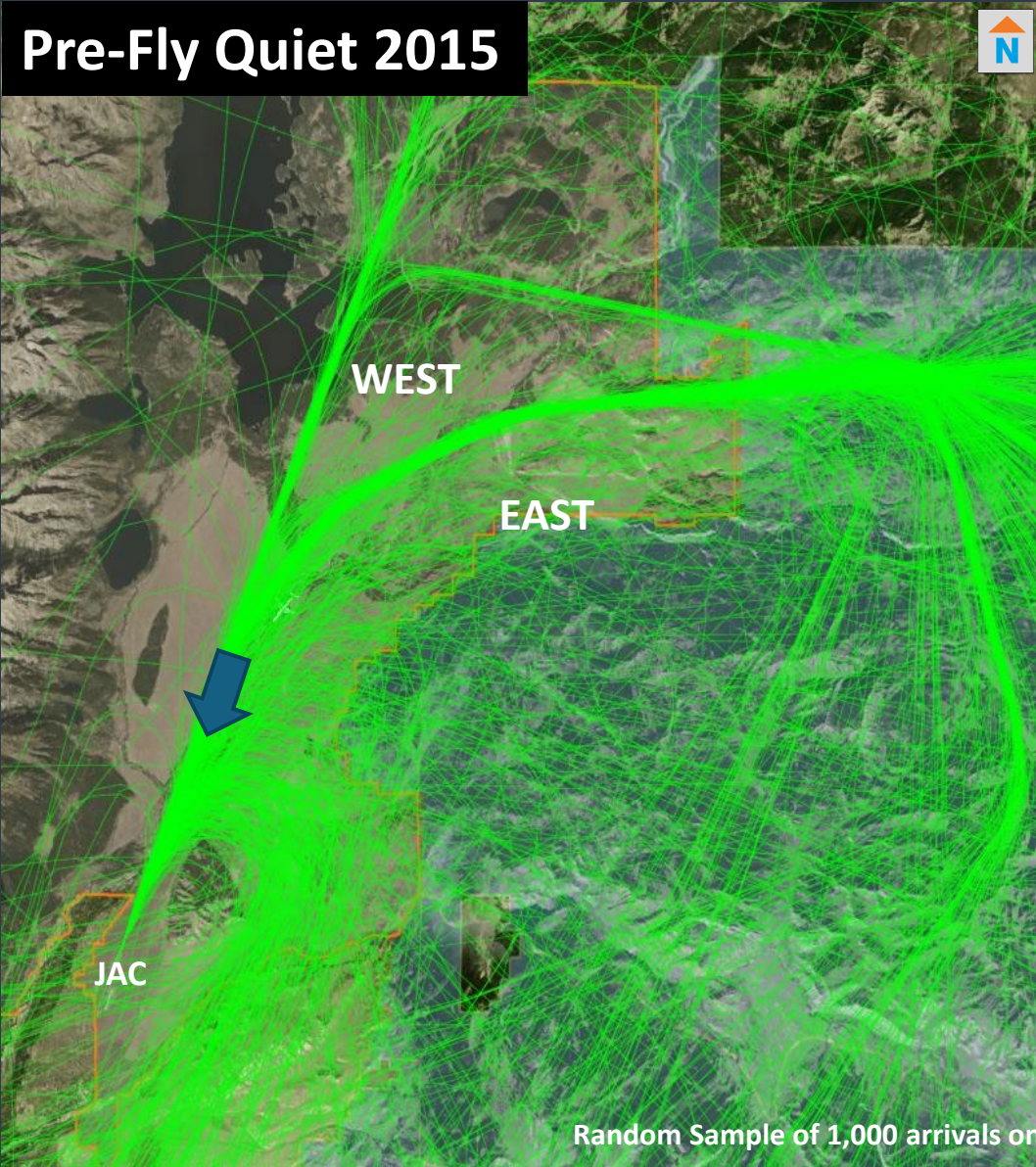
East of NextGen Flight Path

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

New Procedure Flight Path

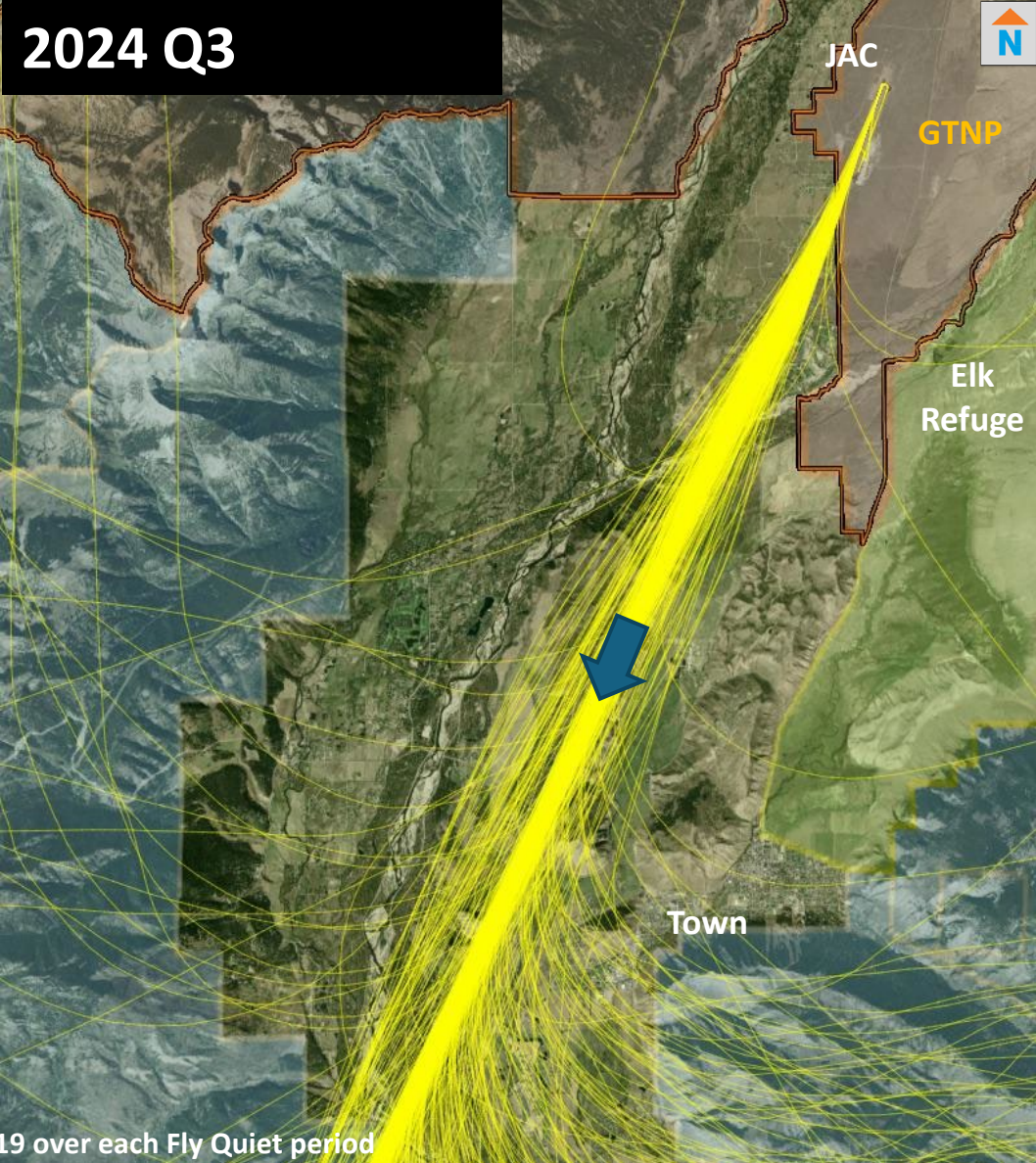
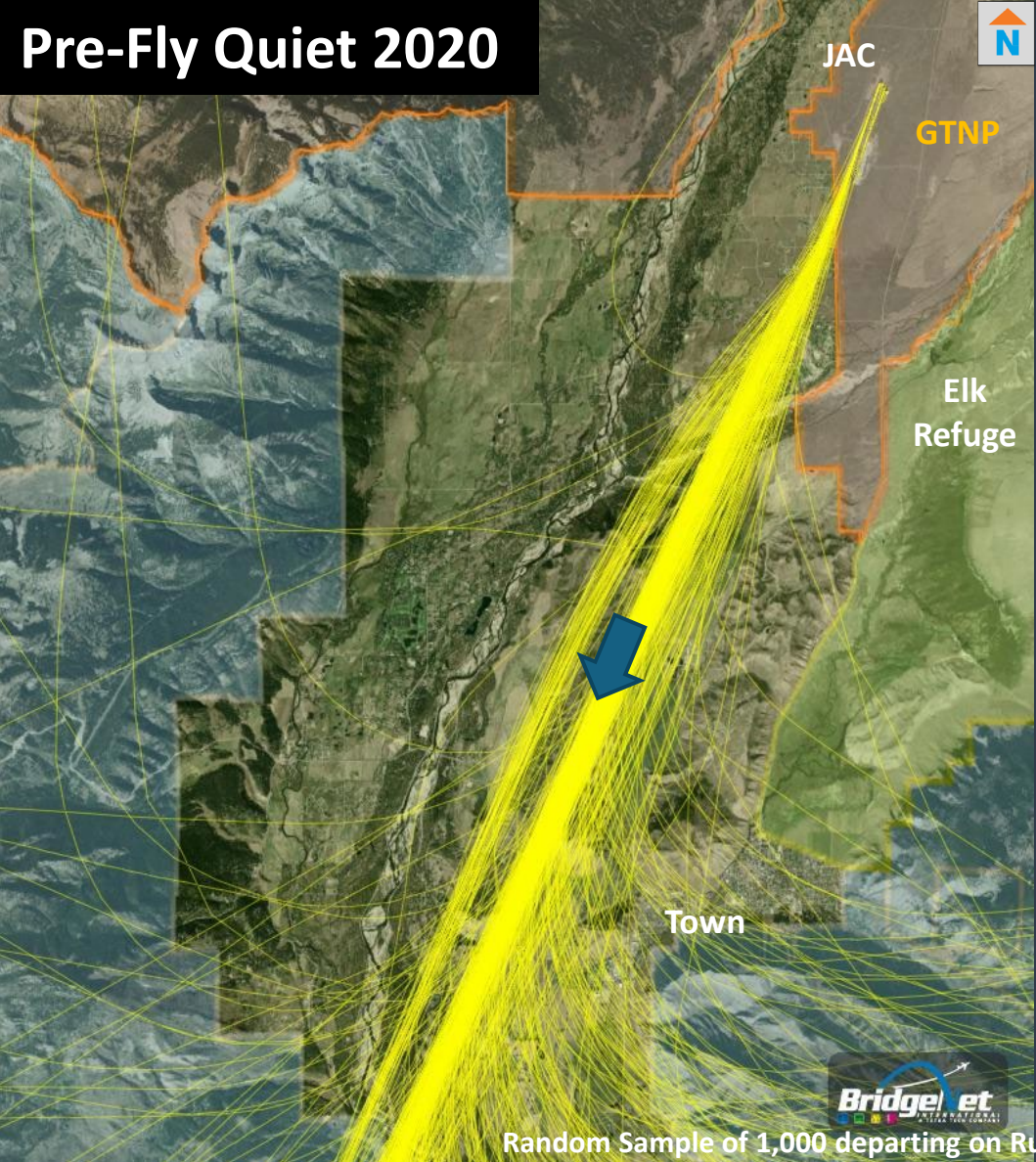
- Bonus points for flying the new procedure

ARRIVAL FLIGHT TRACKS OVER GTNP (PRE-FLY QUIET 2015 VS. 2024 Q3)



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

SOUTH DEPARTURE FLIGHT PROCEDURES (PRE-FLY QUIET 2020 VS. 2024 Q3)

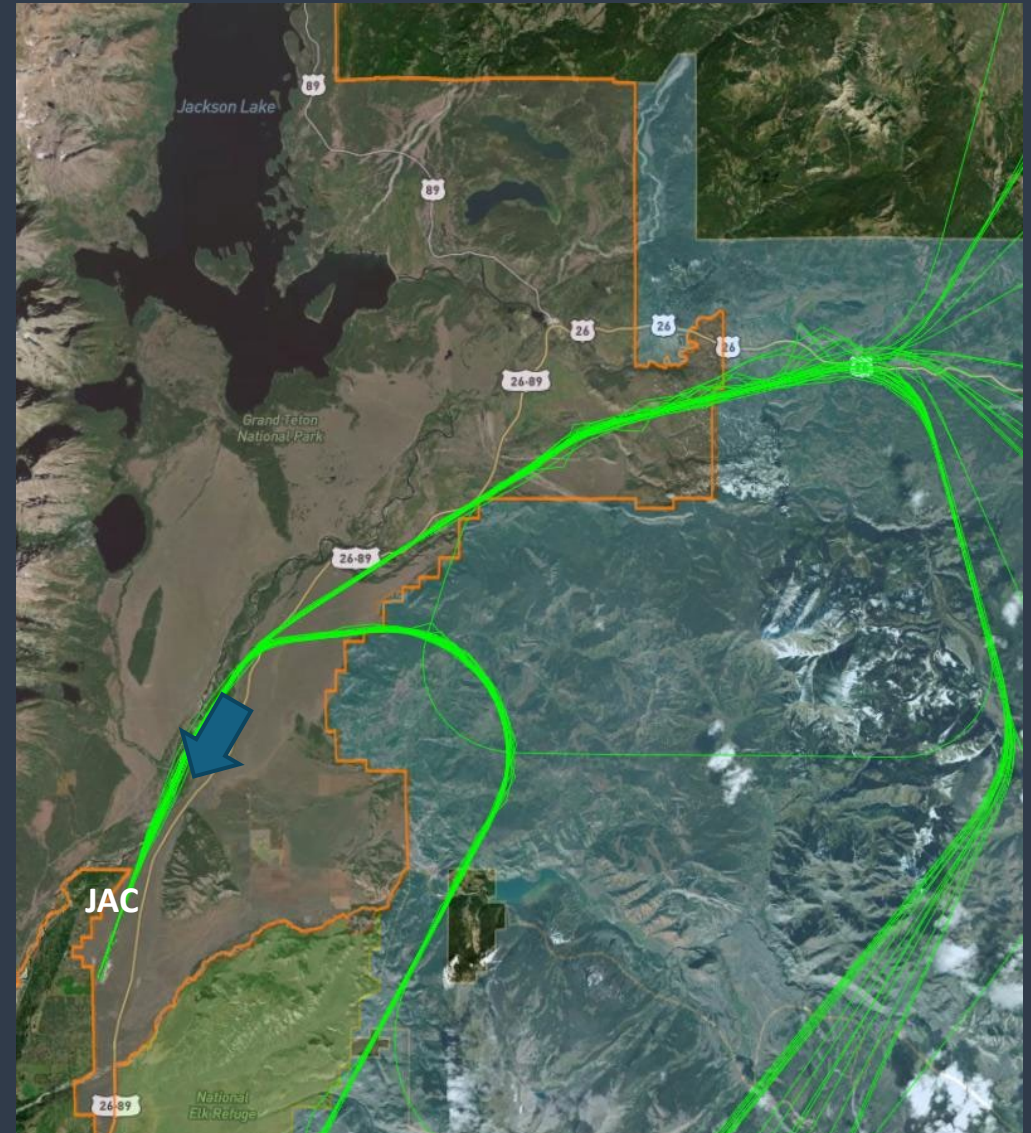


Random Sample of 1,000 departing on Runway 19 over each Fly Quiet period

NEW PROCEDURE ARRIVAL USAGE 2024

Q1 Q2 Q3

- 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 and in the 3rd quarter **27** times. If projected for the full year that would be **112**
- All commercial operators have flown the procedure
- United was largest users of procedure in Q3
- NetJets and Abbott Laboratories also flew the procedure



GA FLEETS

12 OPERATIONS PER QUARTER OR GREATER – FLY QUIET SCORE
2024 Q3

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-Q3

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
HER	Hera Flight	14	C750	25.0	23.6	25.0	25.0	5.0	0	103.6
PFT	Paragon Airways	17	C56X	25.0	25.0	25.0	25.0	0.6	0	100.6
TIV	Thrive Aviation	38	C25B	25.0	23.8	25.0	25.0	1.7	0	100.5
CYO	Air Transport (ATI Jet)	40	LJ60	25.0	22.7	25.0	22.0	5.0	0	99.7
KOW	Baker Aviation	28	C750	25.0	24.4	25.0	19.0	5.0	0	98.4
JCY	Aerius Management	12	E550	23.2	25.0	25.0	25.0	0.0	0	98.2
OPT	Flight Options	14	BE40	21.1	24.0	25.0	25.0	2.1	0	97.2
FTH	Mountain Aviation	161	C750	25.0	24.2	22.4	22.0	2.5	0	96.1
XSR	Airshare	40	CL35	24.5	24.3	20.2	25.0	2.0	0	96.0
EJA	NetJets Aviation	1,476	C68A	24.8	24.5	20.6	22.0	2.8	1	95.7
XOJ	XOJet	56	C750	25.0	24.3	21.0	22.0	3.2	0	95.5
CRE	Jet OUT	12	C25C	22.9	21.7	25.0	25.0	0.8	0	95.4
MVJ	Mira Vista Aviation	13	GLF4	22.7	21.7	25.0	25.0	0.8	0	95.2
KPO	NXT Jet	18	GLF4	22.9	20.5	25.0	25.0	1.7	0	95.1
WMN	Trident Aircraft	26	C680	25.0	21.5	17.9	25.0	5.0	0	94.4
DLX	Dreamline Aviation	14	LJ40	24.8	25.0	16.7	25.0	2.9	0	94.3
FFL	Foreflight	26	E55P	22.6	24.3	17.5	25.0	3.7	0	93.0
XLJ	XCEL JET	16	LJ40	24.6	22.9	20.5	25.0	0.0	0	92.9
SVL	Sun Devil Aviation	16	C25C	23.1	19.8	25.0	25.0	0.0	0	92.8
JTZ	Nicholas Air	18	E55P	24.8	23.8	16.7	22.0	3.9	0	91.1
OKC	Private Jets	12	LJ75	24.1	25.0	16.7	25.0	0.0	0	90.7
WST	Western Air	62	C56X	25.0	23.5	16.7	22.0	2.6	0	89.7
SLH	Silverhawk Aviation	26	C56X	22.9	23.5	17.5	25.0	0.0	0	88.9
JTL	Jet Linx	108	C680	22.9	23.4	15.4	25.0	2.2	0	88.9
LXJ	Bombardier FlexJet	712	E55P	24.7	24.2	21.2	16.0	2.7	0	88.8
JRE	Fly Exclusive	95	C56X	24.8	23.1	21.1	19.0	0.7	0	88.7

JAC Fly Quiet Score 2024-Q3

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
DCM	FitPlan.com	23	GASC	23.3	25.0	14.3	25.0	0.4	0	88.0
VJA	Vista America	92	CL30	24.2	23.9	20.7	19.0	0.0	0	87.9
TWY	Sunset Aviation	90	GLF6	22.4	23.5	16.7	25.0	0.0	0	87.5
SIS	Silver Air	24	C750	23.7	25.0	13.9	22.0	0.6	0	85.3
CNS	Cobalt Air	12	PC24	21.6	25.0	12.5	25.0	0.0	0	84.1
JAS	Jet Aviation Flight Services	15	FA7X	21.5	25.0	12.5	25.0	0.0	0	84.0
FWK	Flightworks	20	GALX	22.3	23.1	12.5	25.0	1.0	0	83.9
PXT	Pacific Coast Jet	29	C25B	25.0	23.8	8.3	25.0	0.5	0	82.7
EJM	Executive Jet Management	161	GLF4	22.7	24.6	16.1	19.0	0.1	0	82.6
RNI	Rennia Aviation LLC	12	F900	20.0	25.0	12.5	25.0	0.0	0	82.5
TCN	BellAir	16	H25B	18.2	25.0	11.4	25.0	0.6	0	80.2
SGO	Admiral Beverage	25	H25B	18.5	23.5	12.5	25.0	0.0	0	79.5
WDY	Phoenix Airline Services	20	GA6C	17.4	21.3	12.5	25.0	0.0	0	76.2
RGY	Regency Airlines	22	BE40	15.4	23.1	10.7	25.0	0.0	0	74.3
IJA	International Jet Aviation	18	LJ55	18.6	23.1	5.0	25.0	1.1	0	72.9
TTE	Avcenter	78	C560	20.9	21.8	1.3	16.0	1.2	0	61.2

GA FLEETS

BETWEEN 12 AND 6 OPERATIONS PER QUARTER – FLY QUIET SCORE
2024 Q3

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-Q3

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	10	C750	25.0	25.0	25.0	25.0	5.0	0	105.0
OPN	K&R Aviation	6	SF50	25.0	19.4	25.0	25.0	5.0	0	99.4
LET	Aerolineas Ejecutivas	6	LJ75	24.2	25.0	25.0	25.0	0.0	0	99.2
COA	Continental Airlines	8	CL35	23.8	22.9	25.0	25.0	1.3	0	98.0
VNT	Rise to the Challenger	9	CL60	24.2	23.3	25.0	25.0	0.0	0	97.5
RSP	Jetsuite Air	6	C25B	25.0	22.2	25.0	25.0	0.0	0	97.2
PWA	Priester Charters	7	GL5T	20.5	20.1	25.0	25.0	0.0	0	90.6
FTD	AB Jets	6	LJ60	25.0	22.2	12.5	25.0	5.0	0	89.7
LKF	Aviation Advisor	6	C25B	23.8	25.0	15.0	25.0	0.0	0	88.8
ULA	U-Land Airlines	7	C56X	24.9	19.4	19.4	25.0	0.0	0	88.8
JRT	JetRight	9	LJ45	24.6	13.9	25.0	25.0	0.0	0	88.4
MVP	Premier Private Jets	8	H25B	15.9	20.8	25.0	25.0	0.0	0	86.8
KFB	STAjets	6	GLF4	22.9	25.0	12.5	25.0	0.8	0	86.2
RVJ	Aircraft Management Group	10	H25B	20.4	25.0	12.5	25.0	1.5	0	84.4
RAX	Royal Air Freight	7	FA20	14.9	18.1	25.0	25.0	0.0	0	83.0
COL	SC Aviation	9	F2TH	19.7	25.0	11.4	25.0	0.0	0	81.0
GRP	Gryphon Air	6	GLF5	22.0	25.0	8.3	25.0	0.0	0	80.3
HRC	Harco Aviation, LLC	6	FA50	17.3	25.0	12.5	25.0	0.0	0	79.8
STV	Saturn Aviation	10	F900	20.0	22.9	6.3	25.0	0.0	0	74.2

GA SINGLE OPERATORS

12 OPERATIONS PER QUARTER OR GREATER – FLY QUIET SCORE
2024 Q3

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-Q3		
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
N482PG	ROGER ROGER LLC	21	HDJT	25.0	25.0	25.0	25.0	5.0	0	105.0
N894KS	KS Air Charter, LLC	35	C68A	25.0	25.0	25.0	25.0	5.0	0	105.0
N238SM	Excel Leasing, LLC	14	C56X	25.0	25.0	25.0	25.0	0.0	0	100.0
N253XS	XS Air, LLC	14	CL30	25.0	25.0	25.0	25.0	0.0	0	100.0
N492CA	Cava, LLC	15	C700	25.0	25.0	25.0	25.0	0.0	0	100.0
N812BP	Del Papa Holdings, LLC	12	C56X	25.0	25.0	25.0	25.0	0.0	0	100.0
N61FT	LJK AVIATION LLC	14	C56X	24.5	25.0	25.0	25.0	0.0	0	99.5
N122WY	Strategic Organizational Man...	12	C25B	25.0	23.6	25.0	25.0	0.0	0	98.6
N924TC	RLC Aviation, LLC	16	GA5C	24.7	23.8	25.0	25.0	0.0	0	98.5
N393SG	N393SG, LLC	12	C25B	25.0	23.3	25.0	25.0	0.0	0	98.3
N50AG	TPPX Aircraft Solutions, Inc.	12	CL60	23.2	25.0	25.0	25.0	0.0	0	98.1
N82RL	604, LLC	27	CL60	23.1	25.0	25.0	25.0	0.0	0	98.1
N7890W	OVERLAND AIR LLC	14	C25C	22.4	25.0	25.0	25.0	0.0	0	97.4
N980CC	FJ20 166 LLC	12	GLEX	21.8	23.3	25.0	25.0	0.0	0	95.2
N601GS	Osborn Nicole	38	C750	25.0	22.9	16.7	25.0	5.0	0	94.6
N525PB	JCL Aviation, LLC	19	C25C	22.4	24.0	20.8	25.0	0.0	0	92.2
N102WY	State of Wyoming - Dept. of T...	14	C560	18.3	23.8	25.0	25.0	0.0	0	92.1
N745JS	Diamond Aviation, Inc.	16	C25A	24.2	20.8	25.0	22.0	0.0	0	92.1
N101WY	State of Wyoming - Dept. of T...	12	C560	18.3	23.3	25.0	25.0	0.0	0	91.6
N115LF	AIRLYNNER LLC	13	CL30	25.0	23.3	15.9	25.0	0.0	0	89.2
N560TW	T.W. Lewis Aviation, LLC	19	C56X	25.0	25.0	13.9	25.0	0.0	0	88.9
N800LB	Local Search Ventures	13	CL60	23.2	25.0	15.0	25.0	0.0	0	88.1
N818NX	Silver Monkey, LLC	14	CL35	24.3	22.6	12.5	25.0	0.0	0	84.4
N661GT	RHYS Vineyards, LLC	12	GLF6	24.3	21.2	9.6	25.0	0.0	0	80.2
N900BC	CSMS Management, LLC	12	C700	25.0	17.5	12.5	25.0	0.0	0	80.0
N211PB	JOUST CAPITAL III LLC	30	GLEX	21.8	23.8	4.2	25.0	0.0	0	74.8
N492FT	Pumpjack Aviation, LLC	12	BE40	15.4	22.9	8.3	25.0	0.0	0	71.6
N7MR	SCB Falcon, LLC	17	FA7X	19.1	23.8	1.9	22.0	0.0	0	66.8

GA SINGLE OPERATOR

BETWEEN 12 AND 6 OPERATION PER QUARTER – FLY QUIET SCORE

2024 Q3

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-Q3

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
N18KS	Ten One, LLC	7	C750	25.0	25.0	25.0	25.0	5.0	0	105.0
N192C	Charlie Romeo Express, LLC	6	SF50	25.0	25.0	25.0	25.0	5.0	0	105.0
N314CM	Birdie, LLC	6	LJ60	25.0	25.0	25.0	25.0	5.0	0	105.0
N331GV	GRANDVIEW AVIATION LLC	6	E55P	25.0	25.0	25.0	25.0	5.0	0	105.0
N606AW	AURORA VENTURES LLC	6	C68A	25.0	25.0	25.0	25.0	5.0	0	105.0
N918AB	CRESTIN AIR LLC	7	C525	25.0	25.0	25.0	25.0	5.0	0	105.0
N765MM	N765MM LLC	8	HDJT	25.0	25.0	25.0	22.0	5.0	0	102.0
N363AL	The Nunes Company, Inc.	8	C25B	25.0	25.0	25.0	25.0	1.3	0	101.2
N312GV	IBW Air Services, LLC	7	E55P	25.0	20.8	25.0	25.0	5.0	0	100.8
N470MD	A Squared Aviation, LLC	8	LJ60	25.0	20.8	25.0	25.0	5.0	0	100.8
N905VR	Textron Aviation, Inc.	10	C750	25.0	20.8	25.0	25.0	5.0	0	100.8
N1401L	Najac Management, LLC	6	C56X	25.0	25.0	25.0	25.0	0.0	0	100.0
N300TU	Flying Amici Aviation, LLC	8	CL30	25.0	25.0	25.0	25.0	0.0	0	100.0
N440AF	Vela Flight, LLC	6	E550	25.0	25.0	25.0	25.0	0.0	0	100.0
N529LL	TVPX AIRCRAFT SOLUTIONS I...	6	C56X	25.0	25.0	25.0	25.0	0.0	0	100.0
N534CC	Harris Teeter Supermarkets, Inc.	6	C56X	25.0	25.0	25.0	25.0	0.0	0	100.0
N405PC	TIME 2 FLY LLC	6	GA5C	24.7	25.0	25.0	25.0	0.0	0	99.7
N880SP	Global Jet Capital	6	G280	24.0	25.0	25.0	25.0	0.0	0	99.0
N100ED	Candybar Aviation, LLC	10	GA6C	23.5	25.0	25.0	25.0	0.0	0	98.5
N390HG	MRB MANAGER LLC	6	PRM1	23.4	25.0	25.0	25.0	0.0	0	98.4
N1895C	Gottemoeller Aircraft Leasing,...	6	C25C	22.5	25.0	25.0	25.0	0.0	0	97.4
N18L	Little Angel, LLC	6	C25C	22.5	25.0	25.0	25.0	0.0	0	97.4
N827Z	FTFH LLC	6	GLF5	22.2	25.0	25.0	25.0	0.0	0	97.2
N308GT	San Joaquin Refining Co., Inc.	6	C25B	25.0	22.2	25.0	25.0	0.0	0	97.2
N377PL	Latitude 33 Aviation, LLC	6	C25B	25.0	22.2	25.0	25.0	0.0	0	97.2
N567MC	N63XP, LLC	8	C56X	25.0	22.2	25.0	25.0	0.0	0	97.2
N7814	Premier Southwest Aviation, L...	6	C25B	25.0	22.2	25.0	25.0	0.0	0	97.2
N480VR	TPA Services, LLC	6	GLF4	21.9	25.0	25.0	25.0	0.0	0	96.9
N850RT	FLYING OWL AVIATION LLC	6	GLF4	21.9	25.0	25.0	25.0	0.0	0	96.9
N606TD	TVPX AIRCRAFT SOLUTIONS I...	7	GLEX	21.8	25.0	25.0	25.0	0.0	0	96.8
N723RH	Radco Aviation, LLC	6	GALX	21.6	25.0	25.0	25.0	0.0	0	96.6
N860CB	CB Aviation, Inc.	9	GALX	21.6	25.0	25.0	25.0	0.0	0	96.6
N585WT	Kedec Services, LLC	9	C25B	25.0	21.2	25.0	25.0	0.0	0	96.2
N122VR	Aircraft Management Service...	8	F2TH	20.4	25.0	25.0	25.0	0.0	0	95.3
N428JE	Jacksons Food Stores, Inc.	8	C25B	25.0	19.4	25.0	25.0	0.0	0	94.4
N786TT	Luther Aircraft, LLC	6	C56X	25.0	19.4	25.0	25.0	0.0	0	94.4
N334AF	SusieAir, LLC	7	CL30	25.0	25.0	19.4	25.0	0.0	0	94.4

JAC Fly Quiet Score 2024-Q3

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
N535DT	JJ Spud, LLC	8	C25B	25.0	18.9	25.0	25.0	0.0	0	93.9
N671BP	2021 TFC, LLC	6	GALX	21.6	22.2	25.0	25.0	0.0	0	93.8
N104QC	FREEBASE HOLDING LLC	10	F2TH	20.4	23.3	25.0	25.0	0.0	0	93.7
N521DC	CAS Transportation, LLC	10	F900	20.0	23.3	25.0	25.0	0.0	0	93.4
N311GS	CH Aircraft, LLC	8	CL30	25.0	25.0	16.7	25.0	0.0	0	91.7
N627DH	DHAir, LLC	8	C25C	22.5	18.7	25.0	25.0	0.0	0	91.2
N149EA	Pryor Mountain Aviation, LLC	6	EA50	25.0	11.1	25.0	25.0	5.0	0	91.1
N895CC	K & S Aircraft, LLC	8	CL60	23.2	25.0	17.9	25.0	0.0	0	91.0
N375TW	Halcyon Aviation LLC	7	H25B	15.9	25.0	25.0	25.0	0.0	0	90.9
N703CD	STK Air, LLC	7	H25B	15.9	25.0	25.0	25.0	0.0	0	90.9
N900H	Hoak Travel, Inc.	10	HA4T	22.6	25.0	17.9	25.0	0.0	0	90.5
N402XT	Order Restored Transportatio...	10	BE40	15.4	25.0	25.0	25.0	0.0	0	90.4
N959CR	Pumpjack Aviation, LLC	6	BE40	15.4	25.0	25.0	25.0	0.0	0	90.4
N801CB	BAUGH AVIATION SERVICES L...	10	C560	18.3	25.0	25.0	22.0	0.0	0	90.2
N928GC	Moorland Promontory, LLC	8	GLF5	22.2	25.0	16.7	25.0	0.0	0	88.9
N97VS	VS Aviation, LLC	6	C56X	25.0	19.4	19.4	25.0	0.0	0	88.9
N260LF	SK Air, LLC	10	LJ31	20.1	25.0	18.8	25.0	0.0	0	88.9
N54VM	New Anabet Corporation	8	H25B	15.9	22.2	25.0	25.0	0.0	0	88.1
N565AB	CCA HOLDINGS LLC	6	G280	24.0	25.0	13.9	25.0	0.0	0	87.9
N876UC	RPS Holdings, Inc.	6	C56X	25.0	20.8	15.0	25.0	0.0	0	85.8
N59CJ	AeroSolutions Group, Inc.	10	FA50	15.9	19.2	25.0	25.0	0.0	0	85.0
N77UF	F & L AVIATION LLC	6	GLEX	21.8	25.0	12.5	25.0	0.0	0	84.3
N134FM	Peno Bottom Aircraft, LLC	6	C56X	25.0	25.0	8.3	25.0	0.0	0	83.3
N17JS	JS Ventures II Corp.	10	GL7T	23.0	22.2	12.5	25.0	0.0	0	82.7
N926NC	Lebeouf Brothers Towing, LLC	8	C560	18.3	25.0	12.5	25.0	0.0	0	80.7
N713AG	AGEE RICHARD E	6	F2TH	20.4	25.0	8.3	25.0	0.0	0	78.7
N990MM	Falcon 105, LLC	6	FA50	15.9	25.0	12.5	25.0	0.0	0	78.4
N257EB	Rigi Holdings, LLC	6	BE40	15.4	25.0	12.5	25.0	0.0	0	77.9
N204BG	Precision Aviation, Inc.	6	C560	18.3	20.8	12.5	25.0	0.0	0	76.6
N199FG	Fremont Investors, Inc.	9	FA50	15.9	20.8	12.5	25.0	0.0	0	74.2
N17TX	Triangle 5 Ranch, LLC	8	C560	18.3	18.1	12.5	25.0	0.0	0	73.8
N750ML	Lincoln Industries, Inc.	9	C560	18.3	19.4	8.3	25.0	0.0	0	71.0
N400DG	N400DG LEASING LLC	6	BE40	15.4	25.0	3.6	25.0	0.0	0	69.0

COMMERCIAL – FLY QUIET SCORE 2024 Q3 ONLY

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

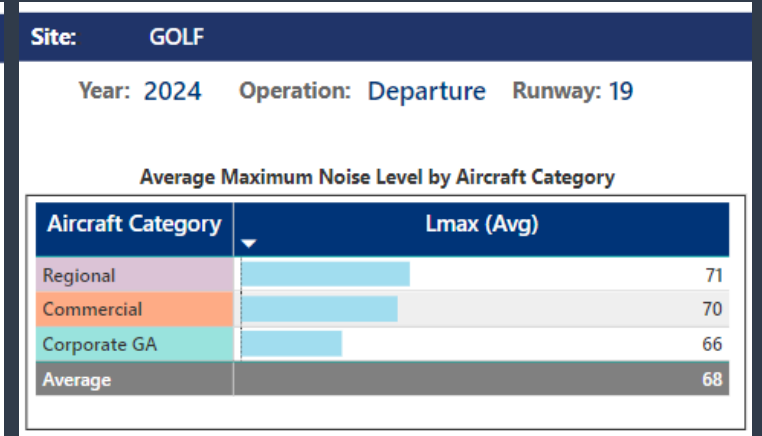
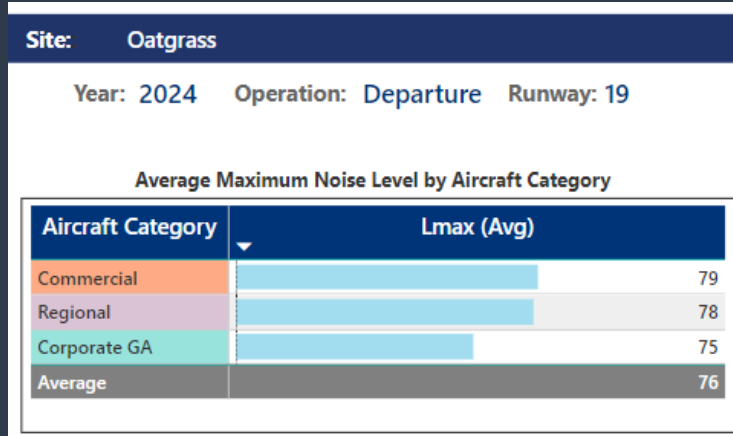
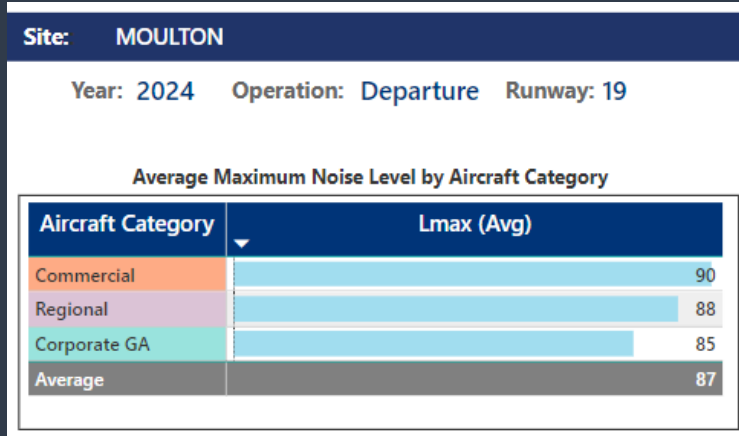
JAC Fly Quiet Score

2024-Q3

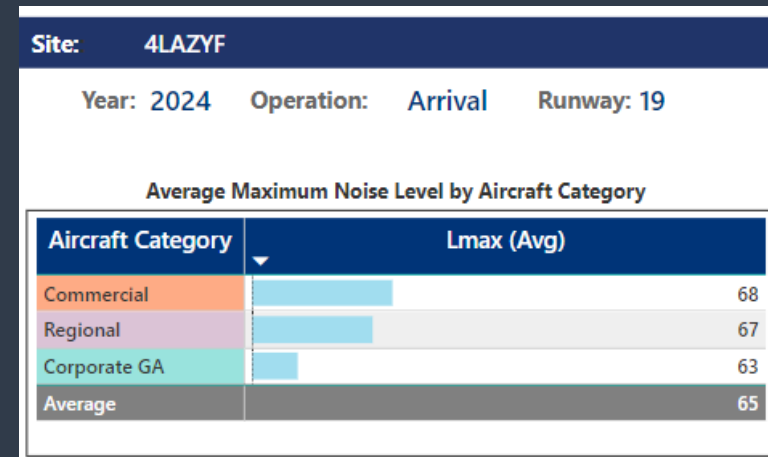
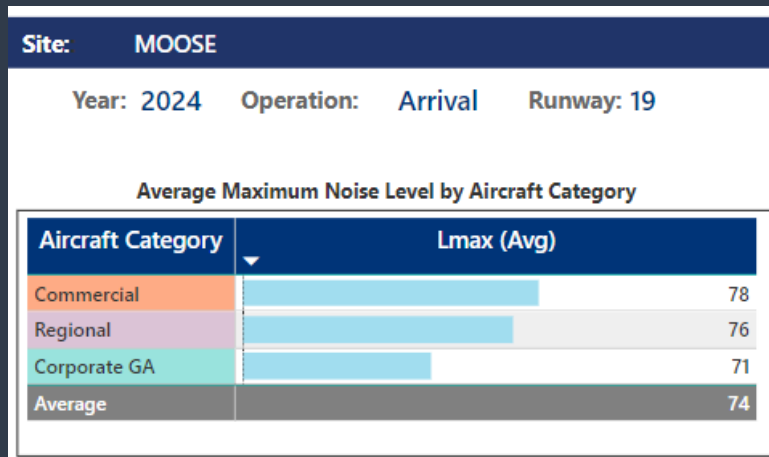
OPERATOR				FLY QUIET ELEMENTS				BONUSES		OVERALL
Call Sign / N-Number	Owner / Operator	Total Ops	Primary Aircraft Type	Quiet Fleet Score (25 Points)	Follow Procedures Score (25 points)	Quieter Events Score (25 Points)	Voluntary Curfew Score (25 Points)	Quiet Fleet Bonus (5 pts)	Fly Procedure Bonus (5 pts)	Total Fly Quiet Score
UAL	United Airlines	1,492	A320	17.6	24.9	13.1	25.0	0.0	2	82.5
DAL	Delta Air Lines	703	A319	18.2	24.9	17.5	19.0	0.0	2	81.6
ASA	Alaska Airlines	21	B737	17.3	24.1	13.5	25.0	0.0	1	80.8
SKW	Skywest Airlines	562	E75L	17.4	24.7	9.0	25.0	0.0	1	77.0
AAL	American Airlines	843	A319	18.2	24.8	2.6	25.0	0.0	1	71.7

2024 Q1 Q2 Q3 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 specific locations to determine the certificated 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	