

Port Authority of New York and New Jersey

Fly Quiet Programs

NYCAR Briefing

April 23, 2025



Agenda for Today's Meeting

- Program Background
- Airline Scoring
- 2024 Awards
- Wrap-Up

Recent Program Activities

- Data collection and analysis – January-March
- Release 2024 FQP Reports – April 3
- Airline award presentations at Station Manager's meetings – April 8, 9, 17
- Roundtable briefing – April 23

Background



Background on PANYNJ Fly Quiet Programs

- Recommended program management measure in the Part 150s for all four PANYNJ airports
- Establish new programs at JFK, LGA, and EWR Airports
- Enhance and support the existing TEB Quiet Flying Program

Airline awards for JFK, LGA, and EWR have been presented for 2024

What is a Fly Quiet Program?

- A voluntary **collaboration** of Port Authority, Airlines, aircraft operators and FAA air traffic controllers that **encourages** them to use suggested quieter aircraft, noise abatement flight procedures, and preferential runways



**Awareness
Campaign**

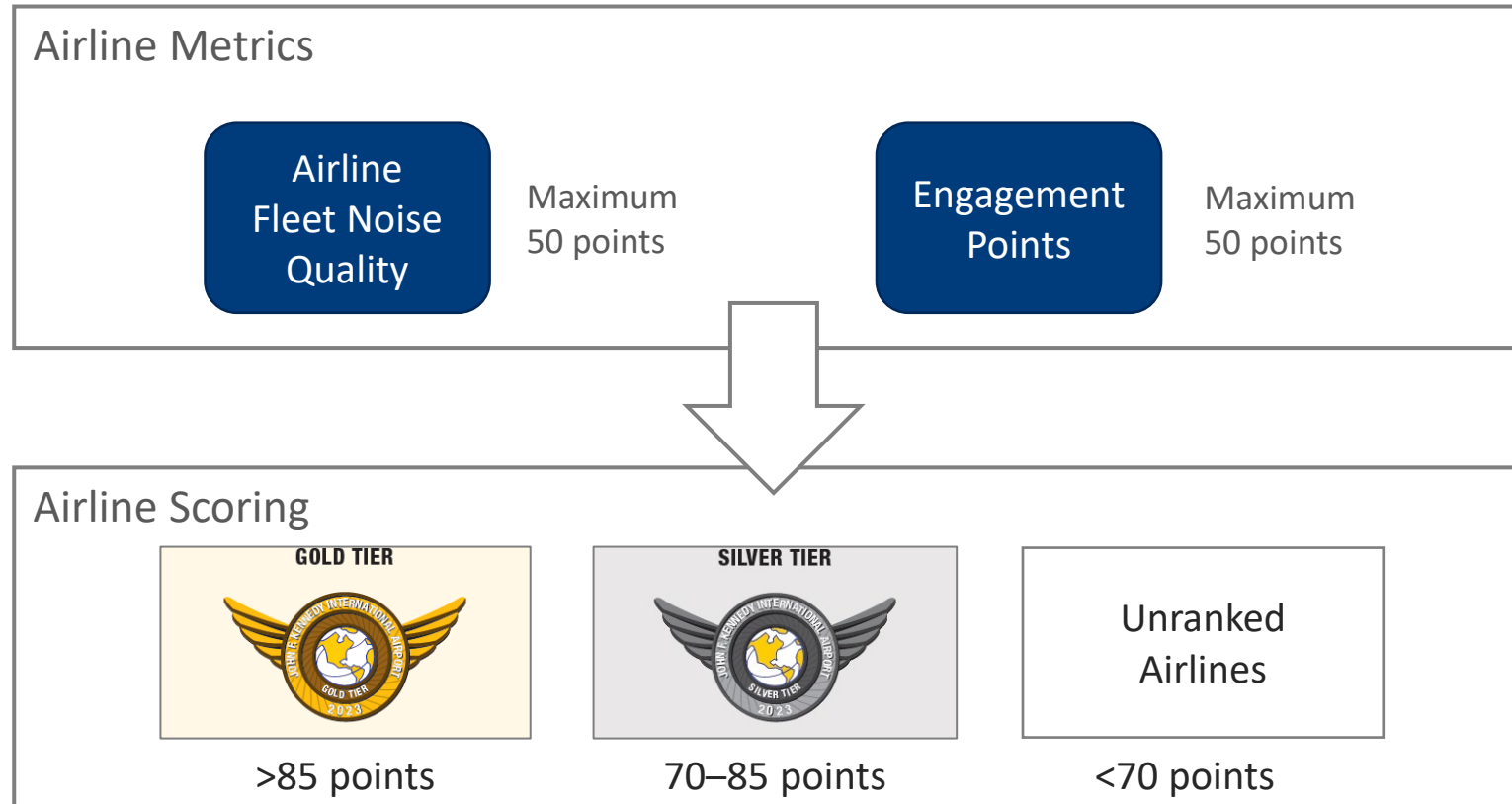
**Data
Reporting**

**Benefits
beyond the
65 DNL
contour**

Airline Scoring



Scoring System Overview



Website dashboard of each airline's achievements relative to FQP metrics:

- ✓ Opportunity for airlines to review data and their scores
- ✓ Used for FQP scoring on a scale of 0 to 100

Top Tiers recognized in the FQP Annual Report for the public:

- ✓ Awarded in each airline category (Air Carrier, Regional, Int'l., Cargo)

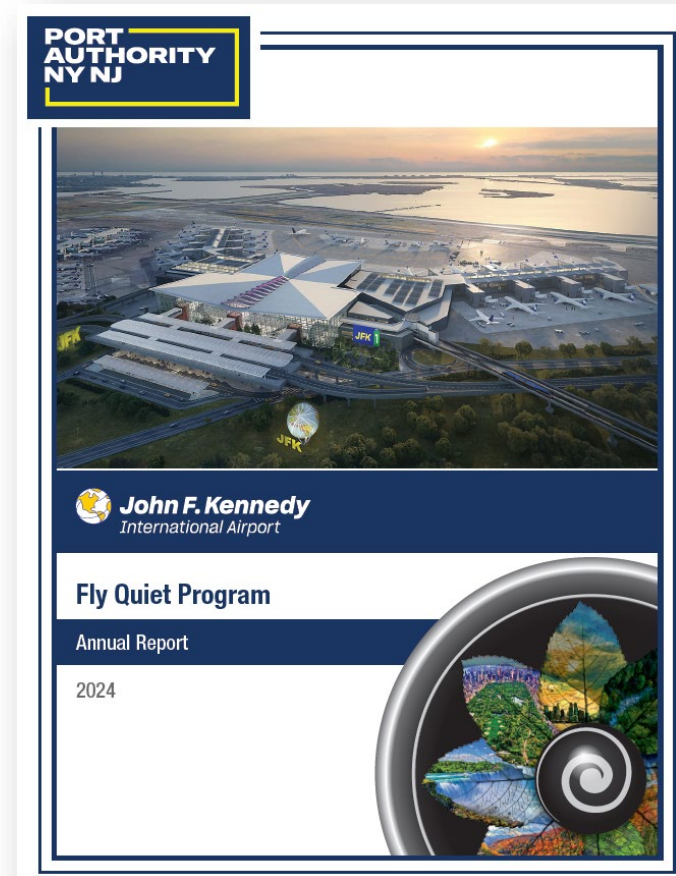
Airline Scoring Details

Scoring Categories		Max. Points
Airline Fleet	Fleet Noise Quality: <ul style="list-style-type: none"> • Weighted average of an airline’s operations and the certificated “Noise Stage” of each aircraft • For airlines with minimum of 365 operations per year (operation is one arrival or one departure) 	50
Engagement	Participate in FQP Focus Group annual virtual briefings	10
	Participate in Roundtable Meetings (for JFK and LGA only) > one hour attendance each meeting <ul style="list-style-type: none"> • Up to four meetings per year, 2.5 points per meeting, 10 points maximum 	10
	Access and review the FQP Dashboard Reporting site once per quarter <ul style="list-style-type: none"> • Tracked four times per year, 2.5 points per login, 10 points maximum 	10
	Provide copies of pilot training/educational materials on noise abatement and Fly Quiet along with the date(s) training was conducted	10
	Provide information/documentation on airline fleet noise reductions (vortex generators, etc. installed on the aircraft; pilot operating techniques; NADP training; etc.)	5
	Provide information/documentation on any annual airline sustainability practices/offsets/etc.	5
Total:		100

2024 Annual Reports

- Separate reports for JFK, LGA, and EWR
- Based on annual data for Calendar Year 2024
- Summary of airline awards and metrics
- <https://aircraftnoise.panynj.gov/fly-quiet-program/>

Notable improvements in Airline Fleet
Noise Quality over the past three years
(2022-2024)



Airport-Wide Statistics in Annual FQP Report

- Provide statistics on noise and operations that are reported airport-wide (which are not a part of an airline's score)
 - Airport-wide fleet mix by Noise Stage
 - Runway use including late-night hours
 - Flight procedure use
- Recognizes the FAA's participation and role in runway selection and flight procedure selection

FQP Awards



CONGRATULATIONS TO THE WINNERS OF THE JFK FLY QUIET AWARDS

2024



 **John F. Kennedy**
International Airport

GOLD TIER



SILVER TIER



**DOMESTIC MAJOR
AIR CARRIER**

NONE

American Airlines  jetBlue
AIRWAYS
 DELTA

**INTERNATIONAL
AIR CARRIER**



NONE

**REGIONAL
AIR CARRIER**

NONE

NONE

**CARGO
AIRLINE**

NONE



CONGRATULATIONS TO THE WINNERS
OF THE **LGA FLY QUIET AWARDS**

2024








GOLD TIER



SILVER TIER



DOMESTIC MAJOR AIR CARRIER	NONE	    
INTERNATIONAL AIR CARRIER	NONE	NONE
REGIONAL AIR CARRIER	NONE	NONE

CONGRATULATIONS TO THE WINNERS OF THE EWR FLY QUIET AWARDS

2024



GOLD TIER



SILVER TIER



**DOMESTIC MAJOR
AIR CARRIER**



American Airlines



jetBlue
AIRWAYS

**INTERNATIONAL
AIR CARRIER**

NONE



**REGIONAL
AIR CARRIER**

NONE

NONE

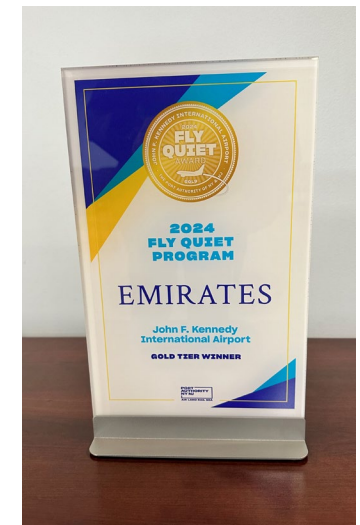
**CARGO
AIRLINE**

NONE



Award Badges, Certificates, and Plaques

- PANYNJ created airport-specific award badges for each Gold and Silver winner
- Airlines can use these badges in their social media posts, websites, etc.
- Certificates (for Gold and Silver Tier) emailed to each winning airline
- Plaques (for Gold Tier) presented to each winning airline at Station Manager's meetings



Examples of JFK Awards

Additional Recognition: Perfect Engagement Score

- Several airlines achieved a perfect 50/50 points airline engagement score
- The FQP Annual Reports recognize these airlines' achievement



Additional Recognition: Most-Improved Fleet Mix

- Several airlines made significant fleet score improvements in 2024 compared to previous years – each is recognized in Annual FQP Reports
- These airlines increased their fleet score by approximately two points
 - By comparison, in 2023 the average airline improvement was a few tenths of a point

JFK

jetBlue
AIRWAYS

 **DELTA**

LGA

jetBlue
AIRWAYS

Southwest 

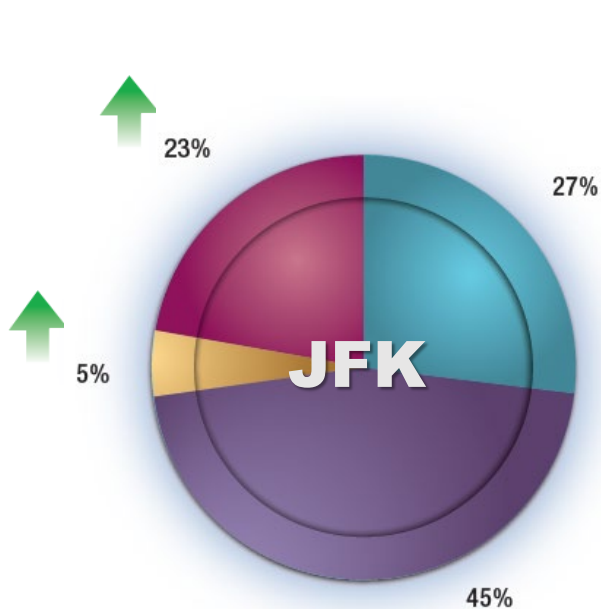
spirit

EWR

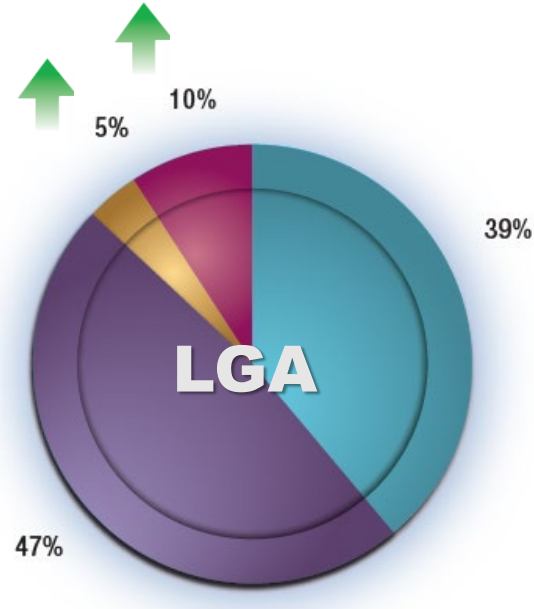
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Improvements in Airport Fleet Mix

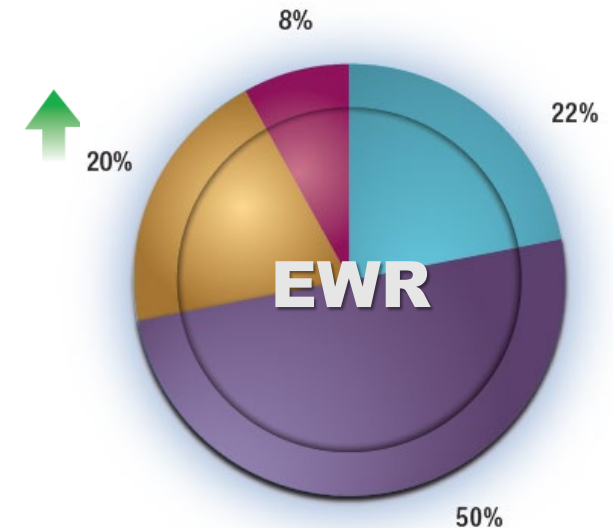
- In 2024 each airport had fleet score improvements compared to previous years
- Notable increases in Stage 5 and Stage 5 Plus operations at each airport (↑)



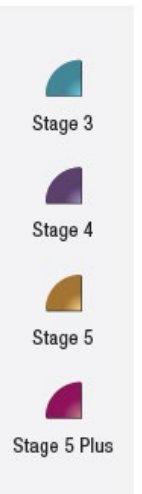
Increase in Stages 5 and higher from 19% in 2023 to 28% in 2024



Increase in Stages 5 and higher from 10% in 2023 to 15% in 2024



Increase in Stages 5 and higher from 21% in 2023 to 28% in 2024



FQP Technical Manual

- A resource guide providing detailed technical information on score calculations and other program metrics
- Written for a technical audience (airlines, FAA, etc.) to provide:
 - FQP scoring methodology
 - Fleet noise calculations
 - Engagement points calculations
 - Runway and flight procedure use
 - Airline rankings and awards
- Available on PANYNJ website
 - Available for airlines, stakeholders, and the public to gain a full understanding of how the program and its metrics work

Thank you!



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