

Quarterly Noise Report

For the California Department of Transportation

Third Quarter – Calendar Year 2023



SAN DIEGO
INTERNATIONAL AIRPORT
LET'S **GO.**

Aircraft Noise Mitigation

January 5, 2024

Q3 2023 Quarterly Noise Report

July 1 through September 30, 2023

The California Department of Transportation, Division of Aeronautics, granted a Variance from the requirements of Section 5012, Chapter 2.5, Subchapter 6, Title 21, of the California Administrative Code to the San Diego County Regional Airport Authority (Airport Authority) for the operation of San Diego International Airport (SDIA) on September 2, 2019.

This Quarterly Report was prepared by Aircraft Noise Staff at San Diego International Airport, in accordance with the Airport Noise Standards, State of California.



Sjohnna Knack (Jan 5, 2024 13:21 PST)

Sjohnna Knack
Director of Planning & Environmental
Affairs



Kimberly J. Becker (Jan 5, 2024 19:14 PST)

Kimberly J. Becker
President/CEO

Summary of Statistical Information for the California Department of Transportation

1. Size of Noise Impact Area as defined in the Noise Standards for the Quarter (California Code of Regulations, Title 21, Chapter 2.5, Subchapter 6)
 - Noise Impact Area (N.I.A) – 0.382 Square Miles (244.48 Acres)
 - Federal Military Impact Area (F.M.I.A.) – 0.142 Square Miles (90.88 Acres)

2. Estimated number of population and dwelling units within the Noise Impact Area as defined in the Noise Standards: ¹
 - Dwelling Units – 3,209 (Population – 6,735)

3. Number of Noise Complaints and Households during the Calendar Quarter:
 - 13,994 Complaints (142 Households)

4. Aircraft type having the greatest takeoff noise level operating at this Airport together with the estimated number of operations by this aircraft type during the calendar quarter reporting period:
 - Airbus A332 (182 Operations)

5. Number of Air Carrier Operations during the Calendar Quarter: ² 50,880

6. Percentage of Air Carrier Aircraft Stage 3 or Better:
 - 100%

7. Number of Air Taxi Operations during the Calendar Quarter: 4,033

8. Number of General Aviation Operations during the Calendar Quarter: 2,544

9. Number of Military Operations during the Calendar Quarter: 245

10. Total number of Airport Operations during the Calendar Quarter: 57,702

Reference form DOA 617, 10/89.

¹ Population and dwelling unit calculations are based upon 2020 Census Block Boundary Data.

² Airport Operation counts are taken from the FAA Operations & Performance Data, Operations Network (OPSNET) <https://aspm.faa.gov/opsnet/sys/Airport.asp>

Noise Impact Areas

Using data generated from the Airport Noise and Operations Monitoring System (ANOMS) and Geographic Information System (GIS), the Airport Noise consultant Harris, Miller, Miller & Hanson Inc. (HMMH) developed the Noise Contour and determined the current Noise Impact Area (N.I.A.) and the Federal Military Impact Area (F.M.I.A.). Table 1 below contains square mile area for the Quarter compared to the same period last year.

Table 1

Impact Area	Q3 2023	Q3 2022	Change
N.I.A.	0.382	0.316	0.066
F.M.I.A	0.142	0.126	0.016

Noise Contour

The Noise Contour on the subsequent page is prepared for the Airport Authority by consultant HMMH Inc., using their RealContours for Aviation Environmental Design Tool (AEDT) software. AEDT is a state of the art software system that models aircraft performance in space and time to estimate fuel consumption, emissions, noise, and air quality consequences. The extents of the contours are adjusted based on actual noise measurements from permanent noise monitors to meet Section 5032 of the California Noise Standards.

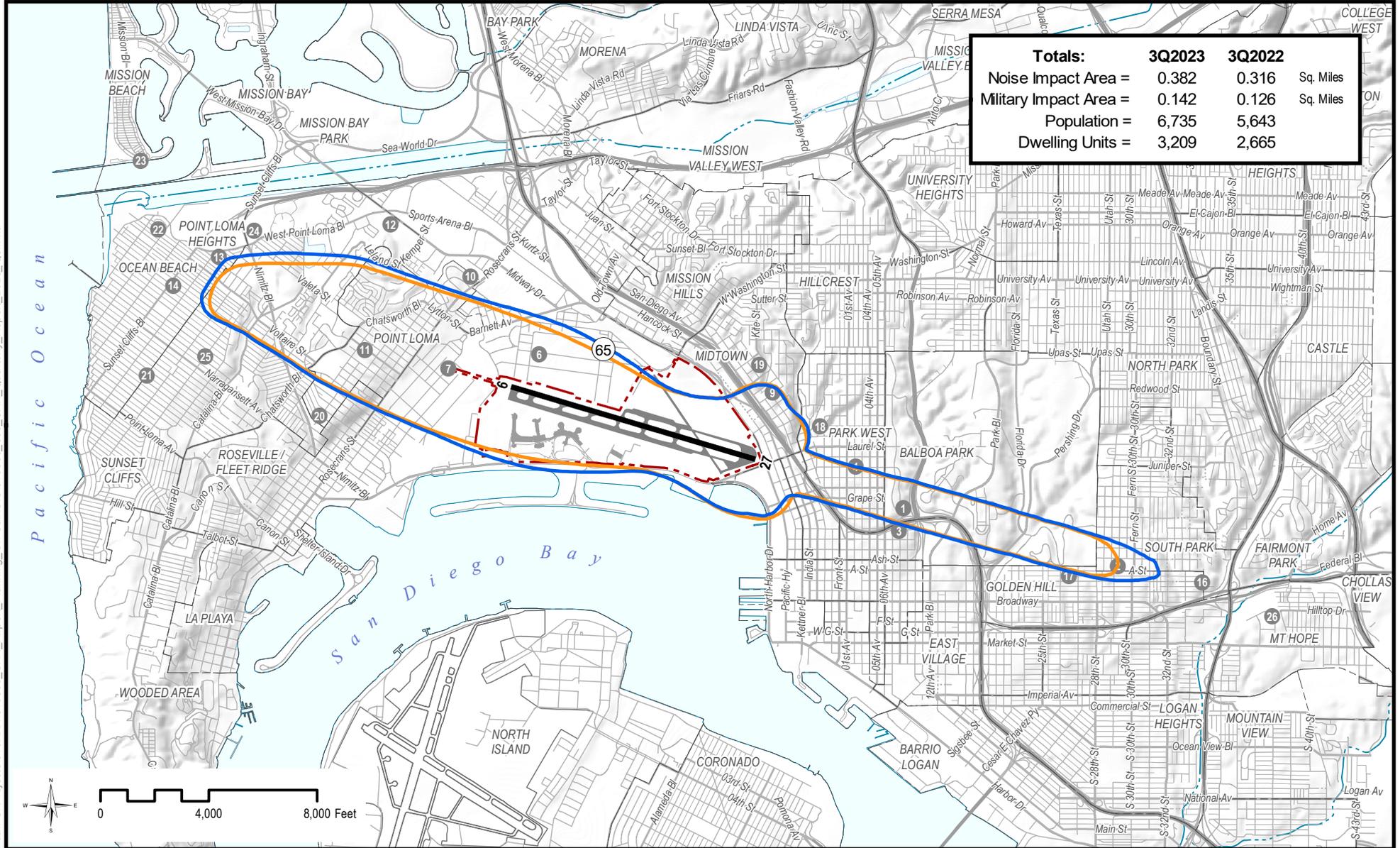
The use of GIS technology allows for direct counting of individual parcels within the Noise Contour. The modeling methodology fulfills the requirements of the State of California, Title 21, California Noise Standards. A review of measured and modeled noise levels indicate good agreement between several key measurement locations.

This was the seventh contour, since the COVID-19 pandemic, that increased in size. Below are the key observations causing the increase of the contour based on the Airport Noise & Operations Monitoring System (ANOMS) data. The data compares aircraft operations between the time periods of October 2021 – September 2022 (3Q-2022) and October 2022 - September 2023 (3Q-2023).

- Total flight operations increased by 9%, based on the operational data comparisons between the rolling twelve months in 3Q-2022 and 3Q-2023.
- Evening operations (7:00 p.m. – 10:00 p.m.) increased by 14%, Nighttime operations (10:00 p.m. – 7:00 a.m.) increased by 13%, and Daytime operations (7:00 a.m. – 10:00 p.m.) increased by 8%.

- As a result of evening and nighttime percent increase, the overall operations weighted heavier in the noise model (the daytime equivalent operations increased by 12% in 3Q-2023).
- Heavy/wide-body aircraft, namely A306, A350, and B777-200 increased from an average of two to five per day, from the previous year.
- Combined Airbus and Boeing narrow-body aircraft operations increased by 17%. Airbus family (A319, A320, A321, A220) increased by 21%. Similarly, narrow-body Boeing aircraft (B737-300/400/700/800, B737 MAX, B757) increased by 15%.
- Increase in overall operations, coupled with the increase in Evening and Nighttime flights, caused the Noise Impact Area (N.I.A) to grow by 21%. Similarly, the Federal Military Impact Area (F.M.I.A) increased by 13%.

Overall, annual operations in 3Q-2023 showed an increase from the previous year, but were still lower than the pre-pandemic levels of 2019. It is expected that the operations will keep increasing next year, although at a slower rate.



Totals:	3Q2023	3Q2022	
Noise Impact Area =	0.382	0.316	Sq. Miles
Military Impact Area =	0.142	0.126	Sq. Miles
Population =	6,735	5,643	
Dwelling Units =	3,209	2,665	

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- 2023 3rd Quarter 65 dB CNEL Contour
- 2022 3rd Quarter 65 dB CNEL Contour
- Airport Property
- Runway
- RMT Site Location
- Roads
- - - River / Stream

Comparison of the 2022 and 2023 Third Quarter 65 dB Community Noise Equivalent Level (CNEL) Contours



Community Sound Insulation Program

Per the requirements of the Airport's Variance agreement, the Airport Authority is the sponsor to an active Community Sound Insulation Program, also known as the Quieter Home Program (QHP). In 2020, the Airport also initiated a non-residential sound insulation program. One of the facilities has been completed, and the QHP team is currently working on the second non-residential facility. Funding for the program is provided by grants awarded from the Airport Improvement Plan (AIP) component of the FAA's Airport and Airway Trust Fund (AATF), Airport Operating Revenues, and fines imposed for non-compliance with Airport Authority Code 9.40, Airport Use Regulations. Contours used for QHP eligibility are based on FAA-accepted Noise Exposure Maps as part of the Part 150 Noise Compatibility Program.

To date, QHP has completed 5,542 homes with a current waitlist of 370 units.

Aircraft Noise Complaints

During the Quarter, the Aircraft Noise Office received a total of 13,994 complaints from 142 households. Where possible, complaints are correlated with a specific flight and examined for validity. Complaints are tabulated and reported on the Authority website on a monthly basis. This information can be retrieved by visiting the following website:

<https://www.san.org/Airport-Authority/Meetings-Agendas/ANAC>

Quarterly Airport Operations Statistics

The Federal Aviation Administration captures Air Traffic Control Tower Counts on a monthly basis, in its Operations & Performance Data, Operations Network (OPSNET) database. OPSNET data is typically available to the public by the third week of the following month.

Current and historical operations data can be extracted at the following website: <https://aspm.faa.gov/opsnet/sys/Airport.asp>. Table 2, below, contains statistics of itinerant aircraft operations by FAA category for the Calendar Year Quarter compared to the same period last year.

Table 2

Operations	3rd Quarter 2023	3rd Quarter 2022	Net Change	Percent Change
Air Carrier	50,880	51,311	(431)	-0.8%
Air Taxi	4,033	4,270	(237)	-5.6%
General Aviation	2,544	3,177	(633)	-19.9%
Military	245	357	(112)	-31.4%
Total	57,702	59,115	(1,413)	-2.4%

Airport Use Regulations

Airport Authority Code 9.40, Airport Use Regulations, defines Time of Day Use Restrictions (Curfew) for all Airport operators at SDIA. The Regulations restrict daily departures between the hours of 11:30 p.m. and 6:30 a.m. the following morning for Stage 3 (or better) compliant aircraft, and between 10:00 p.m. and 7:00 a.m. for non-complaint aircraft. Additionally, Air Carriers are only permitted to publish scheduled gate departure times between the hours 6:15 a.m. and 11:15 p.m., daily. Medical Evacuation/Lifeguard departures are exempt from the Restrictions.

Curfew violations are reported to the Curfew Violation Review Panel (CVRP) comprised of three (3) staff members appointed by the Executive Leadership Team of the Authority. The membership includes one (1) representative from each of the following Divisions: Airport Operations, Airport Development, and Finance. The Panel examines data and documentation collected during an investigation of alleged violations, and makes recommendations to the Program Manager, Aircraft Noise, for the disposition of the violation.

Monetary fine levels, associated with the Airport Use Regulations, are based on the number of violations in the two evaluation periods (January through June and July through December each year). The fines are subject to a multiplier for each penalized violation in the previous evaluation period. The base fines are \$2,000 for the first penalized violation, \$6,000 for the second penalized violation, and \$10,000 for each subsequent violation in the given evaluation period. If a carrier has a fined violation in the previous evaluation period, the base fine is multiplied by the number of penalized violations in the previous evaluation period.

Example:

An operator has two (2) fined violations in the January through June period. If they have a violation between July and December, the base fine level of \$2,000 would increase to \$4,000, a second violation increases from \$6,000 to \$12,000 and a third or any subsequent violations increases from \$10,000 to \$20,000.

During the Quarter, there were 19 noise curfew violations, nine of which were penalized with imposed fines totaling \$166,000.

Airport Noise Advisory Committee (ANAC)

The Airport Authority recognizes that neighborhoods surrounding SAN are affected by noise from aircraft operations. An Airport Noise Advisory Committee (ANAC), consisting of individuals from various organizations, residential areas, and professional associations, was formed in 1981 under the San Diego Unified Port District (SDUPD), previous proprietor of San Diego International Airport. ANAC is formally adopted as Airport Authority Policy 9.20.

Further information regarding Airport Noise Advisory Committee can be found at the following website:

<https://www.san.org/Airport-Noise/Initiatives>

Quarterly and Annual CNEL Data

A summary of the Quarterly and Annual CNEL data is shown in Table 3 below. The levels are calculated utilizing the data found in the Airport Noise & Operations Monitoring System (ANOMS) section, which captures the Remote Monitoring Terminals (RMT) thresholds and Daily/Monthly CNEL Logs.

Table 3

RMT #	Quarter CNEL (dB)	Annual CNEL (dB)
1	69.9	69.9
2	65.6	65.8
3	65.5	66.8
4	65.1	65.4
6	68.2	68.7
7	74.4	74.1
9	65.8	66.5
10	62.4	62.9
11	71.2	70.6
12	60.5	60.7
13	64.6	64.7
14	63.9	64.1
16	63.5	64.2
17	64.4	64.6
18	57.8	60.4
19	61.0	62.9
20	60.6	60.4
21	56.7	56.8
22	62.7	63.0
23	60.9	61.7
24	63.5	63.6
25	60.3	60.6
26	62.6	63.3

Notes:

- Annual CNEL data is a rolling 12-month period.
- RMTs #5, #8 and #15 are no longer operational as the noise impact boundary has decreased in size.

Single Event Noise Exposure Level (SENEL) Comparison

The average Single Event Noise Exposure Level (SENEL) of the loudest 25% of the Operations Survey is shown in Table 4 below.

Table 4

	Q3 2023	Q3 2022	Change (dB)
Arrivals	95.4	95.5	-0.05
Departures	101.6	101.7	-0.08

The data used to compile this section of the report is captured by reviewing the entire quarter to determine the loudest aircraft. The supporting data is listed in Tables 5 through 7 on subsequent pages. Tables 5 and 6 show top 25% of operations during the capture period. Table 7 contains the average daily operations by runway, time of day, operation type, and aircraft type.

Table 5

Quarterly SENEL Survey – Arrivals (RMT #1) – July – September 2023

Aircraft Type	SENEL (dB)	Origin	Flight Number	Date and Time
B763	100.6	MEM	FDX906	7/9/2023 5:07 PM
B763	97.3	MEM	FDX906	7/1/2023 5:20 PM
B763	97.3	MEM	FDX906	7/5/2023 4:58 PM
B772	96.6	IAD	UAL1930	9/16/2023 10:21 AM
B737	96.6	ELP	SWA1245	9/22/2023 1:49 PM
E170	96.4	SJC	SKW3498	7/26/2023 1:33 PM
B753	96.2	ATL	DAL725	8/18/2023 9:32 AM
B39M	96.2	SEA	ASA1232	9/12/2023 8:46 AM
B753	96.1	ATL	DAL725	7/7/2023 9:35 AM
B753	96.1	ATL	DAL725	7/10/2023 9:54 AM
A359	95.9	MUC	DLH5Y	7/8/2023 3:21 PM
B737	95.9	MCI	SWA3644	8/16/2023 6:54 AM
B763	95.9	SDF	UPS922	8/23/2023 4:18 AM
B739	95.9	IAH	UAL1579	9/12/2023 8:30 AM
B739	95.9	IAH	UAL2358	9/12/2023 10:39 AM
B752	95.8	SLC	DAL2895	8/12/2023 12:39 PM
B763	95.8	MEM	FDX906	8/12/2023 5:31 PM
B733	95.8	SAT	SWQ3615	9/26/2023 7:27 AM
B753	95.7	ATL	DAL725	7/9/2023 9:37 AM
B739	95.7	IAH	UAL1579	9/11/2023 8:19 AM
B763	95.6	SDF	UPS2636	8/14/2023 4:54 PM
A321	95.6	DTW	DAL492	9/12/2023 10:37 AM
B763	95.5	MEM	FDX906	7/2/2023 5:22 PM
B763	95.5	MEM	FDX906	7/6/2023 5:47 PM
B734	95.4	LAS	SWQ3329	8/29/2023 3:01 PM
B772	95.3	IAD	UAL1930	7/6/2023 10:31 AM
B738	95.3	SAT	SWA1065	7/7/2023 12:48 PM
B763	95.3	MEM	FDX906	7/18/2023 5:05 PM
B738	95.3	AEX	SWQ3404	9/12/2023 8:24 AM
A321	95.3	SLC	DAL2289	9/12/2023 8:41 AM
B763	95.3	MEM	FDX906	9/20/2023 5:09 PM
B772	95.2	IAD	UAL1930	8/22/2023 10:10 AM
B763	95.2	MEM	FDX1422	9/28/2023 5:09 AM
B737	95.1	AUS	SWA301	7/25/2023 8:02 AM
B734	95.1	VCV	SWQ3316	8/8/2023 6:20 PM
B763	95.1	MEM	FDX906	8/9/2023 5:23 PM
B753	95.1	ATL	DAL365	8/13/2023 6:22 PM
B739	95.1	IAH	UAL1579	9/12/2023 8:30 AM
B738	95.0	SFO	UAL528	7/5/2023 6:14 PM

Table 5 – Continued

Quarterly SENEL Survey – Arrivals (RMT #1) – July – September 2023

Aircraft Type	SENEL (dB)	Origin	Flight Number	Date and Time
B763	95.0	SDF	UPS922	7/12/2023 4:31 AM
B753	95.0	ATL	DAL365	8/4/2023 6:28 PM
B763	95.0	SDF	UPS922	8/22/2023 4:34 AM
B763	95.0	MEM	FDX906	9/19/2023 5:03 PM
B772	95.0	IAD	UAL1930	9/23/2023 10:33 AM
B738	95.0	SEA	DAL2503	9/25/2023 2:06 PM
A35K	94.9	LHR	BAW44N	7/3/2023 4:55 PM
B772	94.9	IAD	UAL1930	8/4/2023 10:12 AM
B772	94.9	IAD	UAL1930	8/10/2023 11:02 AM
B38M	94.9	LAS	SWA2892	8/24/2023 8:20 AM
B763	94.9	MEM	FDX1422	8/29/2023 5:13 AM
B753	94.9	ATL	DAL730	9/4/2023 9:37 PM
B763	94.9	MEM	FDX906	9/13/2023 4:53 PM
B763	94.9	MEM	FDX906	9/16/2023 6:11 PM
B763	94.9	MEM	FDX906	9/23/2023 6:40 PM
B738	94.8	BWI	SWA2761	8/4/2023 9:07 AM
B763	94.8	IND	FDX1754	8/23/2023 4:59 AM
B772	94.8	IAD	UAL1930	9/4/2023 10:13 AM
B752	94.8	EWR	UAL794	9/20/2023 11:20 AM
B753	94.8	EWR	UAL794	9/25/2023 11:17 AM
B763	94.7	SDF	UPS2636	7/5/2023 4:56 PM
B763	94.7	MEM	FDX906	7/11/2023 4:42 PM
B753	94.7	ATL	DAL365	7/14/2023 6:49 PM
B753	94.7	ATL	DAL365	8/10/2023 6:34 PM
B733	94.7	AEX	SWQ3419	8/12/2023 8:30 AM
B734	94.7	VCV	SWQ3336	8/15/2023 3:07 PM
B752	94.7	SLC	DAL2895	8/20/2023 12:07 PM
B763	94.7	MEM	FDX906	8/31/2023 4:45 PM
E75L	94.7	SFO	SKW3466	9/11/2023 10:20 AM

Table 6

Quarterly SENEL Survey – Departures (RMT #7) – July – September 2023

Aircraft Type	SENEL (dB)	Destination	Flight Number	Date and Time
A332	103.4	HNL	HAL15	7/14/2023 7:44 AM
B739	103.3	EWR	UAL2641	9/23/2023 10:26 PM
A332	103.0	HNL	HAL15	7/7/2023 8:04 AM
A321	102.5	CLT	AAL821	8/31/2023 9:43 PM
B737	102.4	OAK	SWA2085	7/12/2023 8:53 AM
A332	102.3	HNL	HAL15	7/20/2023 8:03 AM
B739	102.2	HNL	ASA895	7/20/2023 7:30 AM
A321	102.1	DFW	AAL384	8/14/2023 10:20 AM
A332	102.1	HNL	HAL15	7/6/2023 7:59 AM
A332	102.0	HNL	HAL15	9/5/2023 8:17 AM
A332	102.0	HNL	HAL15	8/9/2023 8:35 AM
A321	102.0	DFW	AAL1947	7/13/2023 8:47 AM
A332	102.0	HNL	HAL15	9/1/2023 7:52 AM
A332	101.9	HNL	HAL15	9/10/2023 8:09 AM
A321	101.9	PHL	AAL2758	9/29/2023 9:59 AM
A332	101.9	HNL	HAL15	8/6/2023 8:12 AM
A321	101.9	PHL	AAL2328	7/29/2023 11:00 PM
A332	101.9	HNL	HAL15	7/9/2023 8:48 AM
A332	101.9	HNL	HAL15	8/12/2023 8:11 AM
A332	101.9	HNL	HAL15	7/1/2023 7:47 AM
B739	101.8	KOA	ASA899	7/19/2023 10:00 AM
B737	101.8	OAK	SWA2085	7/12/2023 8:53 AM
B739	101.8	JFK	ASA24	7/30/2023 10:47 AM
A332	101.8	HNL	HAL15	7/27/2023 7:46 AM
B738	101.8	LIH	ASA821	7/24/2023 8:28 AM
A332	101.7	HNL	HAL15	8/28/2023 10:47 AM
B739	101.7	HNL	ASA895	9/29/2023 10:11 AM
A321	101.7	CLT	AAL797	7/13/2023 10:35 PM
B739	101.7	BWI	ASA9676	9/29/2023 9:35 AM
B739	101.7	EWR	UAL1055	9/29/2023 11:05 PM
A332	101.6	HNL	HAL15	9/9/2023 8:06 AM
A321	101.6	PHL	AAL2758	9/22/2023 9:45 AM
A321	101.6	PHL	AAL2758	9/19/2023 9:39 AM
A332	101.6	HNL	HAL15	8/19/2023 8:45 AM
A321	101.5	ORD	AAL518	9/1/2023 6:30 AM
A321	101.5	ORD	AAL518	7/6/2023 6:56 AM
A321	101.5	CLT	AAL797	7/29/2023 11:17 PM
A332	101.5	HNL	HAL15	8/10/2023 8:21 AM
A321	101.4	ATL	DAL1743	7/15/2023 10:37 PM

Table 6 – Continued

Quarterly SENEL Survey – Departures (RMT #7) – July – September 2023

Aircraft Type	SENEL (dB)	Destination	Flight Number	Date and Time
A321	101.4	ORD	AAL518	8/17/2023 6:40 AM
B738	101.4	EWR	UAL2644	7/20/2023 8:59 PM
B739	101.4	IAD	UAL1873	7/16/2023 8:15 AM
A332	101.4	HNL	HAL15	9/24/2023 8:12 AM
B738	101.4	BOS	ASA390	9/30/2023 8:35 AM
A321	101.3	PHL	AAL2328	7/23/2023 10:54 PM
A332	101.3	HNL	HAL15	8/11/2023 8:03 AM
A332	101.3	HNL	HAL15	8/25/2023 8:26 AM
A332	101.3	HNL	HAL15	8/27/2023 7:51 AM
A332	101.2	HNL	HAL15	7/25/2023 7:56 AM
B739	101.2	JFK	ASA24	8/19/2023 11:03 AM
A321	101.2	PHL	AAL2758	8/7/2023 9:59 AM
A321	101.2	ORD	AAL518	7/26/2023 7:42 AM
B739	101.2	EWR	UAL758	7/9/2023 6:52 AM
A321	101.2	ATL	DAL717	9/14/2023 6:39 AM
B739	101.2	MCO	ASA396	8/19/2023 11:51 AM
A332	101.2	HNL	HAL15	8/20/2023 8:03 AM
A321	101.2	CLT	AAL497	8/14/2023 4:02 PM
B739	101.2	EWR	UAL2641	9/19/2023 10:36 PM
A332	101.2	HNL	HAL15	7/21/2023 8:12 AM
A321	101.2	CLT	AAL2299	9/15/2023 7:50 AM
A321	101.2	CLT	AAL1651	7/24/2023 6:40 AM
B739	101.2	MCO	ASA396	9/29/2023 11:41 AM
A321	101.2	CLT	AAL797	9/7/2023 10:22 PM
B739	101.1	DTW	DAL2597	8/24/2023 7:30 AM
B739	101.1	HNL	ASA895	7/16/2023 7:33 AM
B739	101.1	EWR	UAL2641	8/19/2023 10:02 PM
B739	101.1	ORD	UAL2419	7/6/2023 11:13 AM
B739	101.1	JFK	ASA24	8/29/2023 10:55 AM
B737	101.1	BNA	SWA2128	8/7/2023 10:09 AM

Table 7

Average Daily Operations ³ by Runway, Operation Type, Time of Day and Aircraft Type
July – September 2023

Aircraft Type	Runway 27						Runway 9						Total
	Arrivals			Departures			Arrivals			Departures			
	7:00	19:00	22:00	7:00	19:00	22:00	7:00	19:00	22:00	7:00	19:00	22:00	
	18:59	21:59	6:59	18:59	21:59	6:59	18:59	21:59	6:59	18:59	21:59	6:59	
A221	1	0	0	0	0	0	0	0	0	0	0	0	1
A223	2	0	1	2	0	0	0	0	0	0	0	0	5
A20N	5	2	1	5	2	1	0	0	0	0	0	0	16
A21N	3	4	2	4	1	4	0	0	0	0	0	0	18
A319	2	0	0	2	0	0	0	0	0	0	0	0	4
A320	7	2	1	7	2	1	0	0	0	0	0	0	20
A321	23	6	6	23	4	9	1	0	0	0	0	0	72
A332	0	1	0	1	0	0	0	0	0	0	0	0	2
A359	1	0	0	1	0	0	0	0	0	0	0	0	2
A35K	1	0	0	0	1	0	0	0	0	0	0	0	2
B38M	18	5	4	19	4	3	1	0	0	1	0	0	55
B39M	6	4	3	9	2	2	0	0	0	0	0	0	26
B737	39	10	6	41	10	4	2	0	0	2	0	0	114
B738	29	6	5	32	6	3	1	0	0	1	0	0	83
B739	11	5	2	14	3	2	1	0	0	1	0	0	39
B752	2	0	0	2	1	0	0	0	0	0	0	0	5
B753	1	0	0	1	0	0	0	0	0	0	0	0	2
B763	1	0	1	1	2	1	0	0	1	0	0	0	7
B772	1	0	0	1	0	0	0	0	0	0	0	0	2
B788	1	0	0	1	0	0	0	0	0	0	0	0	2
BE99	1	0	0	1	0	0	0	0	0	0	0	0	2
C208	1	0	0	1	0	0	0	0	0	0	0	0	2
CRJ9	1	0	1	2	0	0	0	0	0	0	0	0	4
E135	1	0	0	1	0	0	0	0	0	0	0	0	2
E75L	23	3	2	21	7	2	1	0	0	0	0	0	59
Total	181	48	35	192	45	32	7	0	1	5	0	0	546

³ Average Daily Operations include Air Carriers, and Air Taxi. Operations with less than one aircraft on a daily average basis are not shown.

Airport Noise & Operations Monitoring System (ANOMS)

The following tables capture the Remote Monitoring Terminal (RMT) data associated with this report. Table 8 provides the RMT thresholds, Tables 9 through 11 capture the Daily and Monthly CNEL levels for each month in the Quarter, and Table 12 captures the Air Carrier Operations by Aircraft Type for the current quarter. During the second and fourth quarter of each year, Table 13 captures the Air Carrier Operations by Aircraft Type for the sixth-months period (January – June and July – December).

There are variances in Table 12 between the ANOMS data and the FAA OPSNET data reported in the summary and Quarterly Airport Operations, due to the way aircraft operating at the Airport are categorized between Air Carrier and Air Taxi Operations. The prop/turboprop operations are typically captured in the FAA Air Taxi category due to their capacity and/or weight classification. The Air Taxi data captured by the FAA OPSNET system also includes fractional ownership operations (Business Jets) and small Regional Jets operated by the Air Carrier's Regional Airline partners. If a Regional Jet meets the payload weight limitation of 18,000 pounds or less, then the seating configuration (60 seat boundary) can alter the category that the operation falls into.

The FAA operator categories are defined as follows:

- **Air Carrier (AC):** Aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds, carrying passengers or cargo for hire or compensation. This includes US and foreign-flagged carriers.
- **Air Taxi (AT):** Aircraft designed to have a maximum seating capacity of 60 seats or less or a maximum payload capacity of 18,000 pounds or less, carrying passengers or cargo for hire or compensation.
- **General Aviation (GA):** Takeoffs and landings of all civil aircraft, except those classified as air carriers or air taxis.
- **Military:** All classes of military takeoffs and landings.

Table 8

Remote Monitoring Terminals (RMTs) Thresholds

RMT #	SENEL Day Threshold (dB)	Duration (sec)	SENEL Evening Threshold (dB)	Duration (sec)	SENEL Night Threshold (dB)	Duration (sec)
1	73*	9	73	9	72*	10
2	63	10	60	12	58	14
3	74*	9	73	10	72*	10
4	64*	10	63	12	60*	12
6	68*	8	67	9	65*	10
7	65	12	63	12	62	15
9	68*	8	67	9	65*	10
10	65*	8	62	12	60*	13
11	65*	12	63	13	60*	15
12	64*	10	62	12	60*	14
13	65*	8	62	12	60*	13
14	65*	10	62	12	60*	13
16	67*	8	66	9	65*	10
17	64	9	62	12	58	15
18	65	8	65	8	62	12
19	64*	8	64	8	63*	8
20	62	11	62	11	60	13
21	60	10	58	12	55	18
22	65	8	63	10	60	12
23	65*	8	63	10	60*	12
24	65*	8	65	8	63*	10
25	65*	10	62	10	60*	12
26	65*	10	64	12	62*	14

Day: From 7:00 a.m. to 6:59 p.m. (* = change occurs at 0500L)

Evening: From 7:00 p.m. to 9:59 p.m.

Night: From 10:00 p.m. to 6:59 a.m. (* = change occurs at 0500L)

Note 1: RMTs #1 and #3 high threshold levels are due to high freeway and/or construction noise.

Note 2: Noise monitors comply with all applicable settings as specified in the California Noise Standards (Title 21). Noise events must meet both threshold criteria to be considered for further review.

Table 9

Daily/Monthly CNEL Levels – July 2023

Day	RMT 1	RMT 2	RMT 3	RMT 4	RMT 6	RMT 7	RMT 9	RMT 10	RMT 11	RMT 12	RMT 13	RMT 14	RMT 16	RMT 17	RMT 18	RMT 19	RMT 20	RMT 21	RMT 22	RMT 23	RMT 24	RMT 25	RMT 26
1	69.8	65.9	67.1	64.7	67.8	74.4	65.8	61.7	70.5	58.4	63.5	63.2	64.0	64.8	54.9	59.8	59.5	53.7	61.6	61.9	62.1	58.8	62.7
2	69.7	65.5	66.9	64.7	68.7	74.2	66.2	62.1	70.4	59.3	64.2	62.9	63.2	64.2	57.6	60.7	59.4	53.8	62.1	60.0	62.9	58.8	62.2
3	69.5	65.8	68.5	64.7	68.4	73.6	66.0	63.1	69.7	59.3	63.6	62.2	63.6	64.6	54.7	58.7	59.0	55.3	62.6	58.4	62.4	58.9	62.7
4	69.4	65.5	67.6	67.5	67.3	72.7	65.4	62.0	69.7	59.9	63.1	61.9	63.2	64.5	62.5	61.5	58.9	54.0	61.1	62.5	62.5	57.4	62.4
5	69.9	66.0	66.7	0.0	69.4	74.7	66.5	63.8	71.4	62.0	65.7	64.3	63.9	64.6	56.2	58.4	61.6	57.6	64.3	62.1	64.6	61.5	63.2
6	71.0	67.2	67.6	0.0	68.8	74.4	66.6	63.6	70.8	62.2	64.7	63.3	65.0	65.9	56.7	59.8	60.9	56.0	62.8	60.9	63.6	60.0	64.2
7	70.4	66.7	72.3	66.9	69.1	74.8	67.0	63.7	71.7	61.7	65.7	65.0	64.6	65.2	57.2	62.0	61.7	57.9	63.9	61.7	64.4	61.8	63.5
8	69.9	66.4	66.7	65.2	67.8	74.3	66.0	62.5	71.1	59.8	64.9	64.3	64.5	64.9	56.0	63.3	60.7	57.0	63.2	61.0	63.3	61.1	63.2
9	70.0	66.3	67.0	65.2	68.6	74.9	66.6	62.8	71.7	60.7	65.8	64.7	64.2	65.0	56.6	62.2	61.2	56.9	63.6	62.8	64.2	60.7	63.2
10	69.1	65.4	63.3	64.4	68.8	75.3	66.8	62.9	72.0	60.4	64.6	64.8	64.0	66.0	56.5	61.9	60.7	55.9	62.6	60.0	63.3	59.6	62.4
11	69.1	65.4	65.7	64.1	68.4	74.8	66.3	62.1	71.6	59.7	64.4	64.8	63.1	64.3	54.0	59.2	60.4	54.7	62.1	59.0	63.3	60.0	63.0
12	69.6	65.5	65.7	65.1	68.2	74.0	65.6	62.4	70.4	59.8	63.3	62.6	62.9	64.4	55.4	57.2	60.8	55.2	61.5	58.4	62.0	59.5	62.0
13	69.9	66.1	66.3	65.5	68.9	74.9	67.3	63.2	71.8	61.5	64.1	62.3	63.7	64.9	59.1	61.6	62.7	61.4	61.7	59.2	62.8	62.0	62.6
14	69.8	66.0	67.9	64.9	68.6	75.4	67.1	63.2	72.1	61.3	64.2	62.7	63.9	64.8	59.3	61.6	61.6	55.3	61.9	59.7	63.4	60.1	62.5
15	78.1	65.7	66.5	64.2	68.2	75.1	66.3	62.5	72.1	62.7	66.8	67.0	64.0	64.2	60.4	63.2	62.1	65.6	65.2	64.3	65.6	63.6	63.1
16	77.4	65.9	66.4	64.6	68.5	75.1	66.1	62.5	71.7	60.6	65.9	64.1	63.9	64.5	54.4	62.4	61.2	56.5	63.6	62.0	64.7	60.7	62.9
17	69.8	66.4	64.7	65.0	68.3	74.7	66.3	63.1	71.8	60.4	65.3	63.3	64.3	64.9	54.3	61.6	60.8	55.8	63.0	61.2	64.2	59.8	63.1
18	69.2	65.8	65.0	64.5	68.2	74.2	66.6	62.2	71.0	60.7	64.5	64.0	63.3	64.1	56.2	62.5	62.3	56.0	62.3	59.9	64.7	59.9	62.7
19	69.4	66.0	66.4	65.6	68.2	74.4	65.4	62.3	71.1	60.5	64.8	63.7	63.5	64.5	57.3	58.0	60.8	55.6	62.1	59.8	62.9	59.6	62.6
20	70.1	65.9	66.3	66.2	68.7	74.4	65.6	62.7	70.8	60.7	63.5	62.9	63.7	64.7	57.1	58.0	60.2	54.7	61.4	61.7	62.3	58.7	62.0
21	69.5	66.1	68.0	66.1	69.0	74.4	66.3	61.8	71.2	60.4	63.3	63.9	63.8	64.8	59.4	60.9	59.7	54.2	61.3	58.7	62.3	57.9	62.6
22	69.1	65.3	65.9	65.7	67.4	74.2	65.7	61.0	71.0	58.9	63.8	63.9	63.3	63.9	58.9	61.4	59.4	54.4	61.7	60.4	62.7	58.6	62.8
23	70.0	66.4	65.5	65.1	68.1	74.8	65.8	61.8	71.7	59.9	65.6	63.9	64.4	65.0	53.2	61.9	60.6	55.8	63.4	61.8	64.4	60.5	64.1
24	69.3	65.7	66.0	65.8	68.6	74.8	66.9	61.8	71.5	61.2	65.3	63.4	63.7	64.5	57.6	59.7	60.7	55.0	62.4	60.2	63.8	59.3	62.6
25	69.0	65.6	65.4	64.3	67.9	74.6	66.5	61.7	71.3	59.7	64.0	64.0	64.1	64.2	53.6	59.1	59.9	54.8	62.2	59.7	63.6	59.2	62.6
26	69.9	66.2	64.4	64.9	68.3	75.0	67.0	62.6	71.5	60.2	64.7	63.2	64.1	64.7	58.7	62.8	60.8	57.3	62.9	61.2	63.5	59.9	63.1
27	69.9	66.1	64.9	65.1	69.2	75.4	66.7	63.5	72.0	61.6	65.1	64.6	64.0	64.7	57.3	63.8	60.6	56.1	63.0	60.8	63.9	60.3	62.8
28	69.7	65.7	68.2	66.5	68.8	75.2	66.7	62.3	71.8	59.6	64.9	64.5	64.1	64.7	59.8	63.1	59.9	55.0	62.8	61.2	64.0	59.3	62.6
29	69.5	65.8	66.1	64.4	67.8	75.3	66.3	62.0	71.7	60.9	65.3	64.3	63.8	64.4	55.9	62.5	60.7	57.0	63.3	61.6	63.8	61.2	62.5
30	69.5	66.0	65.2	65.7	67.9	74.2	65.5	61.2	71.0	61.4	64.4	63.4	63.8	64.6	59.0	61.3	59.5	54.5	62.2	60.9	63.3	58.8	62.5
31	69.6	65.7	65.5	66.2	69.0	74.9	67.2	63.5	71.2	61.4	65.1	64.3	63.6	64.5	61.1	63.5	60.7	57.1	63.5	61.9	64.3	60.1	62.5
Month	71.0	66.0	66.8	65.4	68.4	74.7	66.4	62.6	71.3	60.7	64.7	63.9	63.9	64.7	57.7	61.4	60.7	57.1	62.7	61.0	63.6	60.1	62.8

Table 10

Daily/Monthly CNEL Levels – August 2023

Day	RMT 1	RMT 2	RMT 3	RMT 4	RMT 6	RMT 7	RMT 9	RMT 10	RMT 11	RMT 12	RMT 13	RMT 14	RMT 16	RMT 17	RMT 18	RMT 19	RMT 20	RMT 21	RMT 22	RMT 23	RMT 24	RMT 25	RMT 26
1	69.7	66.1	65.1	64.8	67.8	73.6	65.0	61.9	70.6	59.7	64.3	63.2	63.9	64.7	54.3	59.2	60.0	56.3	62.5	60.3	64.3	60.0	63.3
2	69.7	65.6	66.2	65.5	68.1	74.0	65.8	61.6	70.2	59.2	63.1	63.0	63.2	64.4	56.8	58.5	59.8	54.8	61.2	58.7	64.0	59.1	61.9
3	70.3	66.7	66.3	65.5	68.8	74.5	66.6	63.4	71.3	61.4	65.3	63.8	64.5	65.3	56.8	61.6	61.5	56.7	63.2	61.0	64.6	60.9	64.0
4	70.7	66.9	68.7	65.6	68.8	75.0	66.7	63.3	71.9	61.5	65.8	64.5	64.7	65.6	57.0	62.2	61.9	57.6	64.0	61.9	64.6	61.5	63.7
5	69.4	65.7	67.8	64.3	67.4	74.1	65.8	61.4	70.8	61.5	64.7	64.1	63.7	64.1	53.7	58.1	60.4	60.5	63.4	60.7	63.0	60.2	62.5
6	69.6	65.7	65.2	64.7	68.2	74.8	66.4	62.0	71.4	60.6	65.4	63.8	63.9	64.5	56.2	62.3	60.4	55.5	63.2	61.4	64.4	60.7	62.7
7	69.0	65.1	62.3	64.0	68.4	75.0	66.5	62.4	71.7	60.6	64.9	63.0	63.4	63.8	56.7	62.5	60.4	57.0	62.6	60.5	63.7	60.1	61.5
8	68.8	65.0	64.5	63.5	68.0	75.5	65.6	62.3	71.9	60.3	64.9	65.0	63.3	63.6	51.8	59.8	60.1	56.2	63.0	61.3	63.6	59.8	61.9
9	69.7	66.1	63.6	64.7	68.4	74.7	65.7	62.8	71.5	61.6	64.8	63.8	64.0	65.2	56.5	62.4	61.2	56.0	63.0	60.9	63.6	61.1	62.8
10	69.6	66.0	63.3	64.6	68.8	75.6	66.7	63.3	72.3	60.9	65.2	65.1	64.0	64.6	58.3	63.3	61.0	56.5	63.1	61.1	64.1	60.5	62.8
11	69.6	65.6	68.0	64.8	68.9	75.4	66.7	63.4	72.3	61.3	65.2	65.2	63.3	64.3	55.3	60.8	61.1	56.2	63.3	61.2	63.8	60.6	62.5
12	69.5	65.5	67.1	64.3	67.3	73.5	65.2	61.5	70.0	59.0	63.6	63.0	63.0	64.1	54.8	57.1	59.9	55.3	61.7	59.2	62.4	59.6	62.7
13	69.9	66.2	63.4	64.9	69.0	74.9	65.5	62.9	70.9	59.8	64.3	62.4	63.8	64.9	53.8	57.3	60.1	54.3	62.1	60.2	63.3	58.6	63.3
14	69.8	65.9	64.9	65.2	68.5	74.8	65.2	61.6	70.4	57.0	62.9	62.0	63.4	64.9	54.7	56.3	57.8	52.7	60.8	59.2	61.6	58.7	62.6
15	68.8	64.9	66.5	67.7	66.8	73.5	65.0	61.0	70.2	57.6	61.8	63.2	62.5	64.0	61.6	59.2	58.1	52.5	60.0	57.2	61.0	57.7	61.7
16	71.5	65.7	62.3	64.3	67.8	74.5	65.6	62.0	71.3	59.5	64.4	64.1	63.0	64.3	55.8	57.8	60.5	56.6	62.5	61.9	63.1	60.2	62.3
17	69.5	66.0	64.2	64.7	68.3	75.2	66.2	62.3	71.7	59.6	63.9	63.7	63.9	65.3	54.4	57.1	60.6	55.5	61.8	59.3	62.7	58.8	62.8
18	69.1	65.2	68.9	65.5	68.1	75.3	66.7	61.5	71.5	59.5	64.3	64.2	62.9	64.0	60.2	59.3	59.7	55.3	62.2	60.2	63.2	59.0	62.2
19	68.7	65.0	65.0	63.7	67.7	74.5	64.7	61.9	71.0	60.2	65.3	63.0	62.7	63.4	54.8	58.9	60.3	55.4	63.5	62.6	64.4	59.4	61.7
20	65.3	61.2	63.4	68.1	69.7	75.2	63.4	62.6	72.5	58.4	63.0	67.3	59.7	60.9	66.2	59.9	60.0	57.0	61.5	59.3	60.5	60.6	57.9
21	69.7	65.5	66.1	68.6	68.9	73.9	66.0	62.4	70.4	61.5	64.8	63.7	63.6	64.5	62.5	61.0	59.4	56.6	63.1	60.8	63.7	60.1	62.3
22	70.0	65.9	64.0	64.8	67.7	73.1	65.2	61.9	70.2	59.9	64.4	63.2	63.8	64.8	56.4	58.6	60.2	56.6	62.7	60.4	63.4	60.9	62.8
23	69.1	65.5	63.3	64.4	68.4	74.0	66.2	62.5	70.8	60.3	64.5	64.0	63.1	64.1	58.4	60.9	60.4	56.6	62.5	60.4	64.0	60.8	62.1
24	69.8	65.7	65.2	64.5	69.4	74.9	67.2	63.3	71.6	62.2	64.8	64.1	63.3	64.5	57.6	62.4	60.5	56.3	62.8	60.4	63.8	60.2	63.4
25	69.9	66.2	67.5	65.6	68.3	73.9	65.7	61.8	70.2	59.0	63.7	62.8	63.9	65.1	57.9	67.7	59.8	55.1	62.0	59.2	62.9	59.2	62.8
26	69.2	65.0	64.7	64.9	67.5	73.6	63.3	60.9	70.1	59.6	63.4	63.2	62.7	63.6	55.0	51.7	60.4	55.3	61.7	58.9	62.0	59.4	61.4
27	69.6	65.9	62.7	64.4	67.8	74.1	66.2	61.7	70.8	59.1	63.2	62.2	63.3	64.6	59.6	61.4	60.9	55.5	60.8	57.8	61.9	59.2	62.1
28	68.6	65.1	60.8	64.0	67.6	73.7	66.0	61.6	70.1	58.6	62.7	61.4	62.8	64.0	56.1	57.9	59.3	54.8	60.5	57.4	61.7	58.6	61.6
29	69.2	64.9	61.8	63.6	67.5	74.0	65.3	61.1	70.4	58.7	62.7	61.8	62.4	63.6	55.9	58.6	59.4	53.7	60.6	58.1	61.3	57.7	62.4
30	68.5	63.7	66.6	69.9	66.7	74.5	65.7	59.9	71.7	57.9	62.9	65.7	61.7	62.9	63.3	62.8	58.3	53.1	60.5	58.2	61.4	57.2	60.6
31	68.9	65.0	63.6	66.2	69.3	75.9	67.0	62.6	72.9	60.3	65.6	65.9	63.0	63.9	59.9	64.2	60.6	56.4	63.4	61.6	64.5	60.3	61.8
Month	69.5	65.5	65.4	65.5	68.2	74.5	65.9	62.2	71.2	60.1	64.3	63.9	63.3	64.3	58.5	61.0	60.2	56.0	62.4	60.3	63.3	59.8	62.4

Table 11

Daily/Monthly CNEL Levels – September 2023

Day	RMT 1	RMT 2	RMT 3	RMT 4	RMT 6	RMT 7	RMT 9	RMT 10	RMT 11	RMT 12	RMT 13	RMT 14	RMT 16	RMT 17	RMT 18	RMT 19	RMT 20	RMT 21	RMT 22	RMT 23	RMT 24	RMT 25	RMT 26
1	70.1	66.3	65.0	65.3	68.8	75.2	66.6	63.0	72.0	61.5	65.8	64.4	64.6	64.9	56.7	64.1	61.8	57.4	63.9	62.5	64.7	61.3	63.0
2	68.4	64.7	65.5	65.5	67.1	73.1	64.4	60.7	70.8	63.2	64.0	64.4	62.3	63.4	58.8	60.8	61.4	56.4	62.4	59.6	62.2	61.2	61.4
3	68.1	64.6	65.6	63.2	67.8	72.9	64.9	62.3	69.8	60.0	64.4	63.3	62.1	63.3	58.5	58.3	61.1	56.7	62.5	60.4	63.1	60.5	61.5
4	69.4	65.9	64.0	64.5	68.4	74.4	66.7	62.8	71.2	62.5	65.6	64.1	63.6	64.6	58.5	61.0	48.2	57.4	63.8	61.9	64.6	61.6	62.8
5	68.8	65.0	61.8	63.5	67.9	74.5	65.5	62.9	71.5	60.8	65.8	64.2	62.9	63.6	54.5	59.7	59.1	57.7	64.6	61.4	64.3	61.5	62.1
6	68.8	65.0	61.9	63.7	67.6	73.9	65.2	62.1	70.2	60.5	64.3	63.6	62.8	63.5	54.5	59.1	0.0	57.6	62.8	60.7	63.4	61.2	62.0
7	68.1	64.6	60.6	63.4	67.9	73.9	63.9	62.0	70.8	60.1	64.3	63.9	62.1	63.0	54.1	55.3	0.0	56.8	62.4	60.5	63.5	59.6	61.6
8	68.4	64.6	62.0	64.0	67.0	73.9	65.1	61.1	71.1	59.1	63.2	63.3	62.7	63.4	56.0	59.6	0.0	56.5	61.7	62.9	62.2	59.2	61.7
9	67.4	64.3	57.1	62.8	66.6	72.6	63.3	60.9	69.1	59.0	62.4	61.5	61.9	63.0	54.8	56.7	0.0	54.5	60.7	58.1	61.2	58.8	61.0
10	68.2	65.1	61.6	63.7	67.9	74.4	65.0	62.1	71.2	59.7	64.1	62.7	62.8	64.0	53.5	57.8	0.0	56.0	62.3	60.0	63.2	60.3	62.0
11	68.8	64.8	61.3	63.6	67.3	73.6	62.6	62.0	70.7	59.8	64.2	62.7	62.6	63.5	51.9	54.1	58.3	56.0	62.5	60.1	63.5	60.1	61.4
12	69.0	65.3	61.7	63.7	67.1	73.6	62.8	61.8	70.6	60.0	64.1	63.7	63.1	63.7	54.2	59.8	0.0	56.1	62.3	59.8	63.2	60.2	62.0
13	68.7	65.1	62.0	63.9	68.2	74.4	65.4	62.6	71.2	61.0	64.7	64.1	63.2	63.7	56.0	62.8	0.0	56.8	62.7	60.8	64.1	61.2	62.1
14	69.6	66.0	63.9	64.7	68.7	75.0	66.1	63.2	72.2	61.5	65.5	65.2	63.6	64.9	56.8	61.2	0.0	58.1	63.8	62.0	64.5	62.2	63.3
15	69.1	65.4	65.7	64.0	69.6	74.3	65.7	65.7	71.2	60.8	65.0	64.4	63.1	64.1	55.7	60.0	0.0	56.6	62.9	66.1	64.7	60.7	62.3
16	68.2	64.5	65.0	63.2	66.2	72.0	63.7	60.8	69.1	60.6	63.7	62.5	62.1	63.0	54.1	58.0	0.0	55.9	62.0	59.7	63.3	60.6	61.3
17	69.5	65.8	62.6	64.7	68.0	73.6	64.9	63.0	70.6	60.8	65.1	63.7	63.4	64.6	55.7	57.9	62.1	57.1	63.2	61.7	64.0	61.1	66.5
18	69.6	66.0	64.4	64.5	67.7	73.1	63.4	62.9	69.9	59.9	64.2	62.7	64.0	64.8	53.0	56.5	60.7	56.8	62.5	62.4	63.4	60.2	62.7
19	69.2	65.5	62.2	64.1	67.9	73.6	66.5	62.6	70.6	60.5	64.7	63.5	63.7	64.1	53.9	65.7	60.9	57.1	62.9	63.5	63.4	61.0	63.1
20	68.8	65.3	63.7	64.3	68.2	74.7	67.5	62.8	71.7	61.0	65.2	64.9	63.3	64.1	60.0	63.9	61.9	57.6	63.5	61.2	63.9	61.6	62.2
21	69.4	65.7	66.2	64.3	68.3	75.1	65.3	63.2	72.0	62.0	65.4	64.8	63.6	64.5	54.4	57.0	62.0	57.8	63.7	61.3	64.2	61.6	62.8
22	69.4	65.6	67.0	64.3	68.3	74.8	63.3	63.0	71.5	61.2	65.2	64.6	63.4	64.3	51.1	54.2	61.6	57.3	63.5	61.2	64.1	61.8	62.9
23	68.4	64.6	65.3	63.6	67.4	73.6	64.2	62.0	70.1	60.9	64.4	63.4	62.4	63.5	57.0	58.6	0.0	56.8	62.7	60.5	63.3	61.0	61.4
24	69.9	66.1	64.1	64.9	68.7	74.8	67.0	63.1	71.8	61.6	66.0	64.2	63.7	64.9	61.5	61.2	0.0	57.7	64.0	62.4	65.0	61.4	63.5
25	69.6	65.9	64.0	65.1	67.8	73.8	63.3	62.5	70.6	61.6	64.2	62.8	63.9	64.7	52.0	53.6	0.0	56.5	62.0	59.3	63.2	60.0	62.8
26	68.3	65.0	63.8	63.5	67.5	74.2	65.6	61.9	70.8	60.9	64.1	64.2	62.7	63.5	55.5	59.1	0.0	56.2	62.4	60.1	62.8	60.7	61.6
27	69.4	65.3	66.7	69.2	67.2	72.9	65.2	60.4	70.0	59.7	62.9	63.0	63.5	64.6	63.4	62.1	0.0	53.5	61.0	59.5	61.8	62.9	61.7
28	69.6	66.0	61.5	65.0	68.4	74.8	65.5	62.7	71.7	60.4	64.7	63.4	64.5	64.7	55.8	62.8	0.0	55.2	62.5	60.6	63.9	60.3	63.2
29	69.6	66.0	64.7	64.8	68.3	74.8	66.0	62.8	71.8	62.3	65.8	64.4	64.5	64.6	56.1	63.4	0.0	57.7	63.6	61.8	64.5	62.0	62.9
30	68.6	65.2	60.8	64.0	67.7	73.3	65.3	62.1	70.3	60.1	64.5	63.1	63.3	63.8	56.8	62.2	0.0	56.7	62.6	60.6	63.3	60.5	62.0
Month	69.0	65.3	63.9	64.5	67.9	74.0	65.2	62.5	70.9	60.9	64.7	63.8	63.2	64.1	56.8	60.6	60.8	56.8	62.9	61.4	63.6	61.0	62.5

Table 12

Air Carrier Operations by Aircraft Type captured by the Airport Noise & Operations Monitoring System – July – September 2023

	ACA	ASA	AAV	AAL	BAW	DAL	FDX	FFT	GXA	HAL	QXE	SWQ	JAL	JZA	JBU	JSX	DLH	SKW	SWA	NKS	SCX	UAL	UPS	WJA	
Aircraft Type	Air Canada	Alaska Airlines	Allegiant Air	American Airlines	British Airways	Delta Air Lines	FedEx Express	Frontier Airlines	GlobalX	Hawaiian Airlines	Horizon Air	iAero Airways (Swift Air)	Japan Airlines	Jaz Aviation	jetBlue Airways	JSX	Lufthansa	SkyWest Airlines	Southwest Airlines	Spirit Airlines	Sun Country Airlines	United Airlines	UPS Airlines	Westjet Airlines	Total Operations
A20N	0	0	0	0	0	0	0	1,011	0	0	0	0	0	0	0	0	0	0	0	578	0	0	0	0	1,589
A21N	0	0	0	659	0	632	0	146	0	182	0	0	0	0	77	0	0	0	0	0	0	0	0	0	1,696
A221	0	0	0	0	0	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	111
A223	16	0	0	0	0	412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	428
A306	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
A310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
A319	0	0	130	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	191	0	0	389
A320	0	0	181	180	0	144	0	56	10	0	0	0	0	0	189	0	0	0	0	342	0	747	0	0	1,849
A321	0	1	0	3,297	0	2,570	0	174	0	0	0	0	0	0	675	0	0	0	0	14	0	0	0	0	6,731
A332	0	0	0	0	0	0	0	0	0	182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	182
A359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	109	0	0	0	0	0	0	0	109
A35K	0	0	0	0	181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	181
B38M	475	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,057	0	0	420	0	108	5,089
B39M	0	1,324	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,075	0	0	2,399
B733	0	0	0	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	26
B734	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	32
B737	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,507	0	0	4	0	4	10,517
B738	0	1,682	0	256	0	326	0	0	0	0	0	144	0	0	0	0	0	0	3,588	0	150	1,632	0	50	7,828
B739	0	1,946	0	0	0	302	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,239	0	0	3,487
B752	0	0	0	0	0	342	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	0	0	542
B753	0	0	0	0	0	176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	182
B763	0	0	0	0	0	10	408	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	0	618
B772	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180	0	0	180
B788	0	0	0	0	0	0	0	0	0	0	0	0	140	0	0	0	0	0	0	0	0	0	0	0	140
CRJ9	0	0	0	0	0	0	0	0	0	0	0	0	0	362	0	0	0	0	0	0	0	0	0	0	362
E135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178	0	0	0	0	0	0	0	0	178
E145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	0	80
E35L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
E75L	0	0	0	0	0	0	0	0	0	0	502	0	0	0	0	0	0	5,141	0	0	0	0	0	0	5,643
Jet	491	4,955	311	4,463	181	5,025	510	1,387	10	364	502	202	140	362	941	268	109	5,141	18,152	960	150	5,596	200	164	50,584
AT76	0	0	0	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	0	202
BE99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	0	155
C208	0	0	0	0	0	0	280	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	280
Prop	0	0	0	0	0	0	327	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	0	637
All Ops	491	4,955	311	4,463	181	5,025	837	1,387	10	364	502	202	140	362	941	268	109	5,141	18,152	960	150	5,596	510	164	51,221

QNR - Q3 2023_Final

Final Audit Report

2024-01-06

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