

# Quarterly Noise Report

For the California Department of Transportation

Fourth Quarter – Calendar Year 2021



**SAN DIEGO**  
INTERNATIONAL AIRPORT

LET'S GO.

## Aircraft Noise Mitigation

March 18, 2022

# Q4 2021 Quarterly Noise Report

October 1 through December 30, 2021

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 (SAN) on September 2, 2019.

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

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Brendan Reed (Mar 15, 2022 12:11 PDT)

Brendan J. Reed  
Director of Planning & Environmental Affairs

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Kim Becker (Mar 25, 2022 11:15 PDT)

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) – 0.175 Square Miles (112 Acres)
  - Federal Military Impact Area (F.M.I.A.) – 0.087 Square Miles (56 Acres)
2. Estimated number of dwelling units and population within the Noise Impact Area as defined in the Noise Standards:
  - Dwelling Units – 2,951\* (Population – 1,503\*)
3. Number of Noise Complaints and Households during the Calendar Quarter:
  - 19,558 Complaints (124 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:
  - Boeing 737-900 (3,880 Operations)
5. Number of Air Carrier Operations during the Calendar Quarter: 38,051
6. Percent of Air Carrier Aircraft Stage 3 or Better: 100%
7. Number of General Aviation Operations during the Calendar Quarter: 3,186
8. Number of Air Taxi Operations during the Calendar Quarter: 3,873
9. Number of Military Operations during the Calendar Quarter: 253
10. Total number of Airport Operations during the Calendar Quarter: 45,363

\* Population and dwelling unit calculations are based upon 2010 Census Block Boundary Data.

**Note:** Airport Operation counts are taken from the FAA Air Traffic Activity Data System (ATADS)

<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.'s (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.

<b>Impact Area</b>	<b>Q4 2021</b>	<b>Q4 2020</b>	<b>Change</b>
Noise Impact Area	0.175	0.072	10.3%
Military Impact Area	0.087	0.062	2.5%

**Table 1**

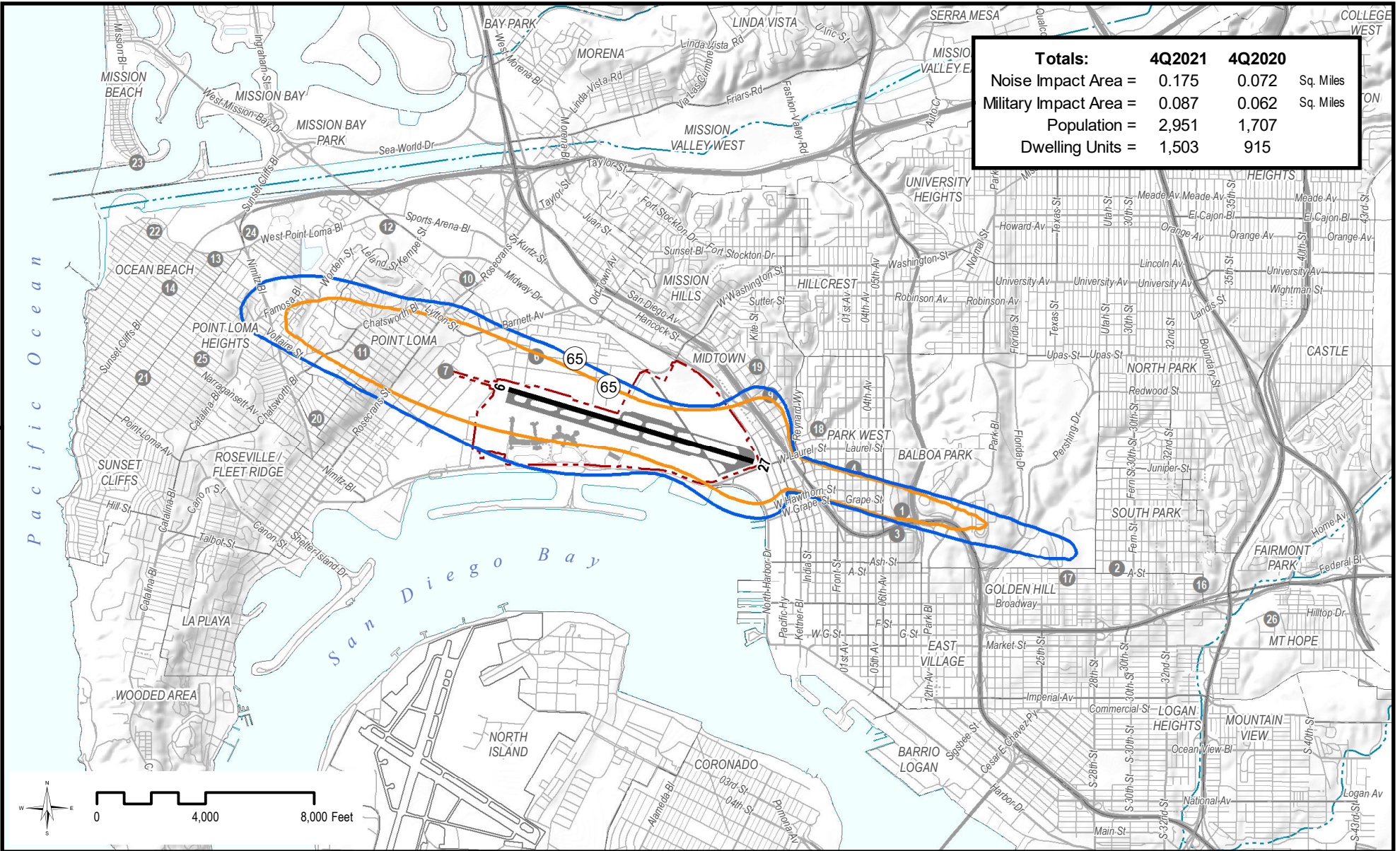
## Noise Contour

The Noise Contour on the subsequent page is prepared for the Airport Authority by their 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 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.

Key observations contributing to the contour reduction compared with the same one year period from last year –

- As expected, with recovery, the size of the contour is increasing in size again compared with 2020. For the Quarter, operations have increased 50% over the same period in 2020.
- This is the first time since the COVID downturn that the contour is larger.
- The observable shift continues in the use of Stage 4 aircraft now reaching 25% of the Air Carrier fleet being operated at the airport. Such an increase in Stage 4 use tempers the overall noise levels as a result of the growth in operations at the airport. This is the direct result of COVID fleet reduction strategies which favors newer aircraft that are more fuel efficient while also being quieter.



- 2021 4th Quarter 65 dB CNEL Contour
- 2020 4th Quarter 65 dB CNEL Contour
- Airport Property
- Runway
- # RMT Site Location
- Roads
- - - River / Stream

### Comparison of the 2020 and 2021 Fourth Quarter 65 dB Community Noise Equivalent Level (CNEL) Contours



## Residential Sound Insulation Program (RSIP)

Per the requirements of the Airport's Variance agreement, the Airport Authority is the sponsor to an active Residential Sound Insulation Program (RSIP), also known as the Quieter Home Program (QHP). 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 issued for non-compliance with Airport Authority Code 9.40, Airport Use Regulations.

As of December 31, 2021, the RSIP/QHP has completed 4,653 homes with a current waitlist of 709 units.

## Aircraft Noise Complaints

During the Quarter, the Aircraft Noise Office received a total of 19,558 complaints from 124 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-Noise>

## Quarterly Airport Operations Statistics

The Federal Aviation Administration captures and makes available to the public Air Traffic Control Tower Counts on a monthly basis in its Air Traffic Activity Data System (ATADS) database. Table 2 below contains statistics of itinerant aircraft operations by FAA category for the Calendar Year Quarter compared to the same period last year.

Operations	4th Quarter 2021	4th Quarter 2020	Net Change	Percent Change
<b>Air Carrier</b>	38,051	25,174	12,877	51.2%
<b>Air Taxi</b>	3,873	2,664	1,209	45.4%
<b>General Aviation</b>	3,186	2,007	1,179	58.7%
<b>Military</b>	253	261	(8)	-3.1%
<b>Total</b>	<b>45,363</b>	<b>30,106</b>	<b>15,257</b>	<b>50.7%</b>

**Table 2**

**Note:** Current and historical operations data can be extracted at the following website:

<https://aspm.faa.gov/opsnet/sys/Airport.asp>

## **Airport Use Regulations**

Airport Authority Code 9.40, Airport Use Regulations, defines Time of Day Use Restrictions (Curfew) for all Airport operators at SAN. 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.

Fine levels associated with the Airport Use Regulations are based on the number of violations in the two evaluation periods (January through June and October 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 October 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 twenty four (24) curfew violations with fines of \$116,000.

## **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), the previous proprietor of SAN. ANAC is formally adopted as Airport Authority Policy 9.20.

Further information regarding the ANAC 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 Aircraft Noise Monitoring System section which captures the Remote Monitoring Terminals (RMT) thresholds and Daily/Monthly CNEL Logs.

RMT #	Quarter CNEL (dB)	Annual CNEL (dB)
1	68.9	68.0
2	64.6	64.0
3	65.8	64.0
4	64.3	63.3
6	67.4	66.8
7	73.2	72.3
9	65.2	64.3
10	61.2	61.0
11	69.5	68.7
12	59.4	59.0
13	63.9	63.4
14	63.5	62.8
16	63.0	62.1
17	63.7	62.7
18	59.8	57.4
19	61.7	60.3
20	59.1	58.7
21	56.3	55.8
22	62.3	61.8
23	60.1	59.7
24	62.0	61.5
25	59.9	59.5
26	61.5	61.0

**Table 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. For each Quarter, the data used to compile this section of the report is captured on Tuesday through Thursday during the second week of February, May, August and November (Quarterly midpoint). The supporting data is listed in Tables 5 through 7 on subsequent pages. Tables 5 and 6 show the 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.

	<b>Q4 2021</b>	<b>Q4 2020</b>	<b>Change (dB)</b>
<b>Arrivals</b>	93.8	94.4	-0.61
<b>Departures</b>	99.1	96.9	2.23

**Table 4**

**Table 5**

Quarterly SENEL Survey – Arrivals (RMT #1) – November 9-11, 2021

<b>Date/Time</b>	<b>SENEL (dB)</b>	<b>FLIGHT</b>	<b>ORIGIN</b>	<b>AC TYPE</b>
11/10/21 5:37 AM	96.6	FDX1754	IND	B763
11/9/21 10:43 AM	96.2	FDX2754	IND	B763
11/11/21 5:38 AM	95.8	SWQ3507	IWA	B734
11/10/21 5:56 AM	95.7	FDX1422	MEM	B763
11/11/21 6:07 PM	95.6	FDX906	MEM	B763
11/9/21 5:22 AM	95.4	UPS922	SDF	B763
11/10/21 11:48 AM	95.2	DAL350	JFK	B764
11/11/21 5:16 AM	95.0	UPS922	SDF	B763
11/10/21 10:18 AM	94.7	DAL934	DTW	B753
11/9/21 12:37 PM	94.7	DAL685	ATL	B764
11/10/21 1:18 PM	94.7	UAL1464	IAH	B738
11/9/21 10:19 AM	94.6	DAL965	ATL	B764
11/9/21 6:11 AM	94.5	FDX1422	MEM	B763
11/10/21 5:03 AM	94.3	UPS922	SDF	B763
11/9/21 6:04 PM	94.2	FDX906	MEM	B763
11/10/21 12:28 PM	94.1	DAL685	ATL	B763
11/10/21 4:59 AM	94.1	FDX1889	OAK	B752
11/10/21 10:00 AM	93.9	DAL965	ATL	B764
11/9/21 10:17 AM	93.9	DAL934	DTW	B753
11/11/21 12:28 PM	93.9	SWA5116	BNA	B738
11/11/21 5:28 PM	93.9	DAL677	ATL	A333
11/10/21 7:58 PM	93.9	HAL16	HNL	A332
11/11/21 12:32 PM	93.8	DAL685	ATL	B763
11/9/21 5:15 PM	93.8	FDX979	PHX	B763
11/9/21 5:10 PM	93.7	UPS2636	SDF	B763
11/11/21 5:14 PM	93.6	UPS2636	SDF	B763
11/11/21 5:34 PM	93.6	AAL1859	ORD	B738
11/9/21 5:47 AM	93.6	FDX1754	IND	B763
11/9/21 8:42 PM	93.6	DAL748	MSP	B753
11/10/21 1:35 PM	93.6	SWA100	DEN	B737
11/11/21 5:50 PM	93.6	FDX979	PHX	B763
11/9/21 1:23 PM	93.5	UAL1464	IAH	B738
11/9/21 10:16 PM	93.5	UAL2154	ORD	B738
11/10/21 2:03 PM	93.5	SWA3026	DAL	B738
11/9/21 12:54 PM	93.5	SWA4460	SMF	B738
11/9/21 8:50 PM	93.4	ASA574	SEA	B739
11/10/21 8:45 PM	93.3	DAL748	MSP	B753

**Table 5 (Continued)**

Quarterly SENEL Survey – Arrivals (RMT #1) – November 9-11, 2021

<b>Date/Time</b>	<b>SENEL (dB)</b>	<b>FLIGHT</b>	<b>ORIGIN</b>	<b>AC TYPE</b>
11/11/21 5:22 AM	93.3	FDX1754	IND	B763
11/9/21 5:27 AM	93.2	FDX1889	OAK	B752
11/10/21 9:22 AM	93.2	DAL1481	SEA	B739
11/9/21 5:53 AM	93.2	SWQ3501	IWA	B734
11/10/21 2:10 PM	93.1	DAL1413	SEA	B738
11/10/21 11:07 PM	93.1	DAL2263	SLC	B739
11/10/21 10:33 PM	93.1	SWA127	AUS	B738
11/10/21 12:13 PM	93.1	DAL2913	SLC	B739
11/10/21 1:39 PM	93.0	AAL2051	CLT	A321
11/10/21 3:14 PM	93.0	UAL1625	IAD	B739
11/10/21 6:27 PM	93.0	FDX906	MEM	B763
11/9/21 5:32 PM	92.9	FDX69	TIJ	B752
11/9/21 3:35 PM	92.9	SWA1806	LAS	B738
11/11/21 5:00 AM	92.9	FDX1889	OAK	B752

**Table 6**

Quarterly SENEL Survey – Departures (RMT #7) – November 9-11, 2021

<b>Date/Time</b>	<b>SENEL (dB)</b>	<b>FLIGHT</b>	<b>ORIGIN</b>	<b>AC TYPE</b>
11/10/21 10:11 PM	101.7	UAL2611	EWR	B739
11/11/21 7:24 AM	101.1	ASA819	LIH	B738
11/11/21 9:51 PM	101.1	UAL2611	EWR	B739
11/11/21 10:43 PM	100.7	UAL2129	IAD	B739
11/10/21 10:49 PM	100.7	AAL2594	PHL	A321
11/10/21 6:43 AM	100.5	DAL820	ATL	A333
11/10/21 7:46 AM	100.3	AAL1651	CLT	A321
11/10/21 8:29 AM	100.2	UAL546	IAD	B739
11/11/21 8:29 AM	100.1	ASA760	MCO	B739
11/10/21 11:03 PM	100.1	AAL2569	CLT	A321
11/10/21 7:25 AM	100.0	ASA392	JFK	B739
11/11/21 8:26 AM	100.0	UAL546	IAD	B739
11/10/21 8:05 AM	99.9	HAL15	HNL	A332
11/10/21 11:10 PM	99.8	ASA341	JFK	B739
11/11/21 9:26 PM	99.7	JBU90	JFK	A321
11/11/21 7:58 AM	99.6	ASA1048	BOS	B739
11/11/21 11:17 AM	99.6	UAL1924	ORD	B739
11/11/21 11:20 PM	99.5	ASA341	JFK	B739
11/11/21 11:09 PM	99.4	AAL2569	CLT	A321
11/9/21 8:15 AM	99.4	HAL15	HNL	A332
11/11/21 8:04 AM	99.4	HAL15	HNL	A332
11/11/21 10:47 PM	99.3	AAL2594	PHL	A321
11/11/21 7:54 AM	99.2	AAL1651	CLT	A321
11/9/21 9:36 PM	99.2	UAL2611	EWR	B739
11/10/21 2:47 PM	99.2	AAL2051	CLT	A321
11/10/21 10:43 PM	99.1	UAL2129	IAD	B739
11/10/21 7:14 PM	99.1	AAL1890	DFW	A321
11/9/21 8:26 AM	99.0	UAL546	IAD	B739
11/11/21 12:31 PM	99.0	UAL2242	EWR	B739
11/10/21 12:33 PM	99.0	UAL2242	EWR	B739
11/10/21 12:13 PM	99.0	AAL1954	CLT	A321
11/10/21 7:23 AM	98.9	AAL1055	DFW	A321
11/11/21 6:39 AM	98.8	AAL2535	DFW	A321
11/10/21 9:25 PM	98.8	JBU2120	BOS	A321
11/11/21 10:18 AM	98.8	ASA239	KOA	B738
11/10/21 10:27 PM	98.6	UAL2478	ORD	B739
11/11/21 1:30 PM	98.6	AAL2588	ORD	A321

**Table 6 (Continued)**

Quarterly SENEL Survey – Departures (RMT #7) – November 9-11, 2021

<b>Date/Time</b>	<b>SENEL (dB)</b>	<b>FLIGHT</b>	<b>ORIGIN</b>	<b>AC TYPE</b>
11/10/21 4:10 PM	98.6	UAL2299	DEN	B739
11/11/21 1:50 PM	98.6	UAL2282	IAD	B739
11/11/21 11:15 PM	98.5	AAL2578	MIA	B738
11/10/21 11:21 AM	98.5	UAL1924	ORD	B739
11/11/21 8:07 AM	98.5	ASA829	OGG	B738
11/10/21 10:06 AM	98.5	ASA239	KOA	B738
11/9/21 12:27 PM	98.4	UAL2242	EWR	B739
11/10/21 1:23 PM	98.4	AAL2588	ORD	A321
11/10/21 6:40 AM	98.4	AAL2535	DFW	A321
11/9/21 6:31 AM	98.4	DAL2423	SLC	B739
11/11/21 10:51 PM	98.4	DAL831	ATL	A332
11/11/21 2:34 PM	98.4	AAL2051	CLT	A321
11/11/21 9:51 AM	98.3	ASA772	EWR	B739
11/10/21 10:38 PM	98.3	DAL831	ATL	A332

**Table 7**

Average Daily Operations by Runway, Operation Type, Time of Day and Aircraft Type

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	
A20N	3	0	1	3	1	1	0	0	0	0	0	0	9
A21N	1	1	0	2	0	1	0	0	0	0	0	0	5
A306	0	0	0	0	0	0	0	0	0	0	0	0	0
A319	1	0	0	1	1	0	0	0	0	0	0	0	3
A320	7	2	1	7	2	1	0	0	0	0	0	0	20
A321	13	5	2	14	2	4	0	0	0	0	0	0	40
A332	0	1	0	1	0	0	0	0	0	0	0	0	2
B38M	7	3	2	10	1	1	0	0	0	1	0	0	25
B39M	2	1	0	3	0	1	0	0	0	0	0	0	7
B737	23	6	3	25	5	2	11	0	0	1	0	0	76
B738	29	9	6	36	5	4	0	0	1	1	0	0	91
B739	12	5	3	15	2	4	0	0	0	0	0	0	41
B752	1	1	1	2	1	0	0	0	0	0	0	0	6
B753	1	1	0	2	0	0	0	0	0	0	0	0	4
B762	0	0	0	0	0	0	0	0	0	0	0	0	0
B763	3	1	2	2	2	2	0	0	0	0	0	0	12
B764	1	1	0	2	0	1	0	0	0	0	0	0	5
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	0	0	0	2	0	0	0	0	0	0	0	0	2
CRJ2	0	0	0	0	0	0	0	0	0	0	0	0	0
CRJ7	0	0	1	1	0	1	0	0	0	0	0	0	3
CRJ9	1	0	0	1	0	0	0	0	0	0	0	0	2
E170	0	0	0	0	0	0	0	0	0	0	0	0	0
E175	19	4	3	20	4	2	1	0	0	0	0	0	53
<b>Total</b>	<b>126</b>	<b>41</b>	<b>25</b>	<b>151</b>	<b>26</b>	<b>25</b>	<b>12</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>410</b>

## Aircraft Noise 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.

There are variances in Table 12 between the ANOMS data and the FAA ATADS data reported in the summary and Quarterly Airport Operation 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's Air Taxi category due to their capacity and/or weight classification. The Air Taxi data captured by the FAA ATADS 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 Terminal (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 – October 2021

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	68.9	63.7	68.2	63.5	67.1	73.1	65.9	60.3	69.3	59.0	62.8	62.1	63.4	63.9	61.5	63.0	58.9	54.3	61.1	58.4	61.5	58.4	59.8
2	66.8	62.1	63.8	61.5	65.6	71.5	64.8	58.5	67.3	55.5	61.7	61.3	60.0	60.8	58.7	60.6	56.5	54.8	60.2	57.1	59.8	57.9	58.3
3	67.9	63.7	64.7	62.7	67.1	73.6	66.3	60.7	69.7	58.7	63.6	62.6	62.1	62.2	60.3	62.2	58.4	54.9	61.9	60.1	61.7	59.2	60.2
4	68.3	64.5	61.3	63.5	68.3	73.6	66.6	62.0	69.8	60.3	64.9	63.1	63.7	63.5	62.2	63.5	59.4	56.4	64.1	60.9	63.0	59.8	62.2
5	68.4	64.1	62.1	62.7	67.2	71.7	65.0	61.3	68.5	59.2	63.8	62.7	62.2	63.7	56.8	61.8	58.3	55.9	62.1	60.1	62.2	59.5	60.8
6	68.9	64.8	63.5	63.8	66.9	72.3	64.4	61.3	68.9	59.2	64.1	63.6	63.3	64.0	57.1	58.9	59.5	56.7	62.6	60.4	62.6	61.0	61.4
7	69.9	65.9	65.2	64.3	67.5	73.6	65.2	61.7	69.9	60.0	65.1	64.2	63.6	64.4	54.2	61.9	59.9	57.0	63.5	61.3	63.5	60.8	62.4
8	70.4	66.0	67.9	64.6	67.5	73.1	66.8	62.0	69.8	59.9	64.8	63.4	64.1	64.5	58.5	62.2	60.4	57.2	63.2	61.0	63.5	60.6	62.9
9	68.4	64.2	66.9	62.5	66.4	72.5	62.1	60.7	69.0	59.1	64.1	63.4	62.5	62.8	51.3	54.6	59.2	57.2	62.5	59.7	62.2	60.6	61.0
10	68.8	65.0	65.9	63.3	67.4	73.4	65.4	61.2	69.3	58.9	64.2	63.2	62.9	63.7	59.1	63.4	59.8	56.7	62.4	60.3	62.3	60.5	61.6
11	69.4	66.1	63.9	65.7	68.2	73.4	65.7	62.6	69.7	60.2	65.1	63.9	64.4	64.8	61.5	62.5	60.0	58.1	63.4	62.8	63.3	61.2	62.7
12	68.5	64.4	65.2	63.0	66.3	72.3	63.7	60.7	68.4	58.4	63.4	62.0	62.5	63.3	58.0	58.0	59.0	56.1	61.8	60.0	61.7	59.5	61.2
13	68.7	64.4	65.9	62.9	67.4	73.5	64.4	61.0	69.2	59.2	63.6	62.8	62.6	64.1	58.7	59.5	59.3	56.1	61.9	59.2	61.7	60.2	61.3
14	69.6	65.1	67.1	64.2	67.4	73.2	65.6	61.4	69.2	61.2	64.0	62.9	63.3	64.1	59.2	61.5	59.2	56.6	62.5	60.6	62.3	60.0	61.9
15	69.4	63.7	68.7	62.8	67.9	73.0	65.7	60.7	69.4	58.5	63.1	62.1	64.1	62.8	62.3	62.0	58.1	54.9	61.2	60.1	61.5	58.1	60.5
16	66.6	61.8	66.0	61.1	65.5	71.6	63.2	58.8	67.6	57.4	61.8	61.2	61.4	60.6	57.1	60.7	56.8	53.8	59.9	57.5	60.0	57.5	58.3
17	69.1	65.1	64.5	63.7	67.2	73.0	66.8	61.3	69.3	59.3	64.6	63.2	63.0	63.8	61.2	64.2	59.0	56.2	62.7	61.0	63.0	59.8	62.0
18	69.0	65.0	64.9	63.7	67.6	73.3	66.3	62.8	69.6	60.1	65.0	63.9	63.3	63.6	56.4	63.4	59.9	57.8	64.2	61.3	63.2	61.0	62.1
19	68.8	64.8	65.1	63.2	66.4	72.5	62.8	61.4	69.2	64.6	64.4	63.6	62.7	64.2	52.1	56.6	59.4	57.1	62.8	60.7	62.5	60.7	61.7
20	69.6	64.9	65.7	64.1	67.1	73.4	65.8	61.5	69.5	59.5	64.6	64.1	63.1	64.0	62.0	62.4	60.3	57.9	63.3	60.6	62.6	61.4	62.0
21	70.1	65.4	66.4	64.4	67.3	73.5	64.5	61.7	69.7	60.8	64.5	64.0	63.6	65.7	56.5	57.4	60.0	57.5	63.0	60.7	62.4	61.6	62.5
22	69.9	65.9	67.8	64.4	67.7	73.0	63.4	61.1	69.3	59.5	63.9	62.8	63.6	64.9	53.1	54.7	59.5	55.5	61.9	59.4	62.0	59.6	62.3
23	68.1	64.3	63.5	62.6	66.5	72.5	64.0	60.5	68.8	58.5	63.9	62.5	62.7	62.6	52.3	59.8	58.9	56.4	62.0	60.5	62.1	59.7	61.2
24	69.4	65.6	65.2	64.1	68.1	74.2	67.0	62.3	70.4	60.5	65.7	64.6	63.6	64.2	55.9	62.5	60.6	57.7	64.1	62.5	63.8	61.5	62.4
25	70.1	66.1	64.7	65.0	69.1	74.5	68.5	62.6	70.5	60.6	65.8	64.3	64.5	64.7	62.5	66.3	60.8	58.6	64.2	63.3	64.2	61.9	63.4
26	69.3	64.9	65.8	63.7	67.0	73.1	64.3	61.7	69.4	60.3	64.4	63.9	63.5	63.8	54.9	60.8	59.8	57.7	63.0	61.9	62.3	61.2	62.2
27	68.6	63.8	65.3	62.8	66.8	73.1	64.2	61.4	69.2	58.8	63.4	63.2	62.4	64.2	60.9	60.3	59.5	56.8	62.0	60.2	61.5	60.2	60.9
28	69.3	64.3	67.1	63.4	68.0	73.4	65.3	60.8	69.3	58.6	63.4	62.7	63.1	63.6	62.7	62.9	58.6	55.9	62.1	60.2	61.7	59.6	61.4
29	66.5	62.0	63.4	62.9	68.8	74.9	65.0	61.6	71.4	60.7	63.6	65.6	60.5	61.6	58.4	60.3	57.6	55.1	61.6	59.6	61.3	59.4	58.4
30	67.6	63.7	63.1	62.0	66.1	72.0	63.4	60.1	68.4	57.1	62.9	62.3	61.8	62.1	53.0	61.4	57.4	54.3	61.1	58.9	60.8	58.2	60.3
31	69.2	65.2	65.4	63.7	66.6	72.2	64.7	61.3	68.9	59.3	64.1	62.7	63.2	63.7	53.5	58.3	59.2	55.6	62.1	60.0	62.5	59.5	63.5
<b>Month</b>	<b>68.9</b>	<b>64.7</b>	<b>65.6</b>	<b>63.5</b>	<b>67.3</b>	<b>73.1</b>	<b>65.3</b>	<b>61.3</b>	<b>69.4</b>	<b>59.7</b>	<b>64.1</b>	<b>63.3</b>	<b>63.0</b>	<b>63.7</b>	<b>59.0</b>	<b>61.6</b>	<b>59.2</b>	<b>56.5</b>	<b>62.5</b>	<b>60.5</b>	<b>62.3</b>	<b>60.1</b>	<b>61.6</b>

**Table 10**

Daily/Monthly CNEL Levels – November 2021

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	69.2	65.1	64.3	63.7	67.4	72.7	65.5	62.3	69.4	59.2	64.5	63.6	63.0	64.8	54.6	56.7	59.5	56.9	63.8	60.2	62.5	60.5	62.1
2	69.1	64.8	64.3	63.5	66.2	71.3	62.5	61.0	68.0	58.5	63.1	62.3	62.8	64.7	49.9	53.3	58.9	55.7	61.3	58.7	61.2	59.6	62.0
3	69.6	64.2	65.1	66.5	67.0	72.9	63.5	60.0	69.3	57.6	62.5	63.7	62.0	64.9	57.8	56.4	57.9	54.9	60.9	58.6	60.7	58.5	61.5
4	66.5	62.3	64.3	66.3	66.9	74.6	66.0	59.2	71.1	56.9	62.4	65.8	60.3	61.9	60.2	60.0	57.3	53.8	60.2	57.3	60.0	58.0	59.1
5	66.5	61.8	65.1	65.7	68.2	74.7	65.3	59.2	71.5	57.0	63.1	66.8	60.1	62.3	60.8	61.8	57.3	57.2	61.1	59.2	60.7	59.2	59.1
6	68.1	64.2	64.2	62.8	66.1	72.5	63.4	59.9	68.6	58.5	62.6	62.5	62.1	62.8	52.7	57.7	58.0	54.2	61.2	58.9	60.7	58.1	60.7
7	69.0	65.2	63.1	63.6	67.4	73.4	66.2	61.4	69.8	59.3	64.4	63.5	63.0	63.7	55.7	61.3	59.8	56.2	62.6	60.9	62.7	60.1	61.9
8	68.7	65.0	64.3	63.5	67.4	73.2	66.0	61.8	69.6	60.2	64.5	63.6	63.7	64.0	52.2	63.9	59.6	56.6	63.6	60.9	63.1	60.1	62.1
9	68.8	64.8	64.5	63.2	66.5	71.3	60.7	60.7	68.0	63.3	62.9	62.1	62.8	63.5	51.4	52.5	58.8	55.8	61.1	58.7	61.1	59.3	61.9
10	68.8	64.5	64.5	62.9	67.2	73.8	63.2	61.3	70.1	59.4	64.4	63.4	62.2	63.0	55.7	55.6	60.4	56.6	62.6	59.9	62.6	60.6	61.8
11	69.3	64.1	67.2	63.7	68.2	73.8	64.7	60.8	69.8	58.0	63.5	63.2	63.9	65.1	62.4	62.3	59.1	55.6	62.2	59.3	61.6	59.4	61.2
12	69.3	63.6	68.2	67.3	67.8	72.2	65.6	59.8	68.2	58.2	62.7	61.7	64.2	62.8	62.3	63.8	58.0	53.9	60.8	58.6	61.4	58.0	60.7
13	68.1	62.3	66.8	61.2	65.6	72.0	62.8	58.5	67.8	56.2	61.9	61.2	62.1	60.7	60.6	60.3	56.5	53.9	60.3	58.4	59.8	57.6	59.2
14	68.8	63.6	66.2	66.4	67.3	73.4	64.8	60.2	69.2	57.4	63.1	62.0	62.2	62.1	60.7	63.4	58.2	54.7	61.2	59.0	61.4	58.7	60.5
15	64.5	58.9	61.7	60.4	66.6	74.5	65.6	60.5	71.2	58.2	63.6	65.7	57.4	58.5	59.8	61.3	58.3	55.3	62.1	59.3	61.5	58.3	55.8
16	67.5	63.7	61.4	63.5	66.2	73.3	64.3	60.4	69.9	60.4	63.7	64.7	62.0	62.7	53.3	60.1	58.7	56.1	61.6	59.4	61.6	59.8	60.9
17	68.3	64.2	65.6	62.6	66.8	73.0	62.0	61.4	69.3	59.2	64.0	63.1	62.5	64.5	53.0	57.4	59.3	56.8	62.5	60.0	62.0	60.6	61.3
18	70.6	65.1	67.1	66.2	67.2	73.7	63.9	61.1	69.7	58.6	63.9	63.7	62.7	64.4	57.0	56.2	59.1	55.5	62.2	60.2	62.0	59.5	62.1
19	69.7	65.5	67.7	64.2	67.7	73.1	64.3	61.7	69.4	59.3	63.7	63.0	63.6	64.6	57.8	56.8	59.7	55.9	62.0	59.4	61.9	59.8	62.5
20	69.0	64.9	66.6	63.2	66.9	73.1	62.2	61.5	69.5	59.6	64.5	63.9	62.7	63.3	49.8	52.4	60.0	57.0	62.9	60.3	62.6	60.8	61.9
21	67.3	62.8	60.8	62.6	68.0	73.2	63.3	60.7	68.9	58.0	63.7	62.5	62.0	61.4	59.7	58.5	57.8	54.8	62.2	59.5	61.6	58.8	59.6
22	66.8	63.2	60.3	62.5	67.1	72.7	65.5	60.6	68.4	57.6	62.9	61.6	61.5	62.5	60.6	63.1	57.7	54.4	61.3	58.8	61.4	57.9	59.9
23	69.4	65.6	63.3	64.1	68.3	74.3	68.2	62.1	70.4	59.9	64.9	63.7	64.8	65.0	60.6	66.2	60.0	56.6	63.0	60.9	63.3	60.4	62.5
24	70.3	65.4	68.0	64.0	69.2	74.1	67.1	62.1	70.3	60.0	64.9	64.5	63.8	63.9	57.6	65.2	60.4	57.6	63.4	60.6	62.8	61.4	62.3
25	59.3	56.8	55.3	58.5	63.3	69.5	61.3	54.0	66.5	50.6	58.3	61.3	54.6	55.7	57.2	58.0	53.4	50.4	56.7	52.4	55.9	54.3	52.7
26	67.4	62.3	66.5	61.7	66.6	71.9	63.0	59.1	67.0	56.6	61.0	60.4	61.5	61.1	59.1	59.8	56.5	53.4	59.4	57.4	59.4	58.6	58.8
27	68.6	63.8	67.2	62.4	67.5	73.2	63.8	60.5	68.8	58.1	62.3	61.7	63.3	62.3	60.4	60.4	57.8	53.9	60.8	57.7	60.5	57.9	60.3
28	68.8	64.4	64.2	63.2	67.1	73.6	65.6	61.1	69.2	57.4	62.5	62.0	62.0	63.0	59.7	61.7	58.0	53.6	60.6	57.7	60.7	57.7	60.5
29	65.4	59.8	61.7	63.4	66.6	72.8	64.8	60.4	69.3	58.7	62.7	63.3	58.2	60.9	62.9	62.0	57.8	55.1	61.7	57.9	60.5	58.1	56.4
30	69.4	64.9	66.1	64.3	66.5	73.7	65.8	60.4	69.6	58.8	64.0	63.8	63.7	64.1	62.2	62.5	58.2	54.4	60.8	58.6	61.0	62.5	61.4
<b>Month</b>	<b>68.4</b>	<b>63.9</b>	<b>65.2</b>	<b>64.0</b>	<b>67.1</b>	<b>73.2</b>	<b>64.7</b>	<b>60.7</b>	<b>69.4</b>	<b>58.8</b>	<b>63.4</b>	<b>63.4</b>	<b>62.4</b>	<b>63.2</b>	<b>59.0</b>	<b>61.0</b>	<b>58.6</b>	<b>55.5</b>	<b>61.7</b>	<b>59.2</b>	<b>61.5</b>	<b>59.4</b>	<b>60.8</b>

**Table 11**

Daily/Monthly CNEL Levels – December 2021

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	65.7	61.4	63.5	63.9	66.8	74.5	66.6	59.8	70.9	57.2	63.3	65.9	59.8	61.6	59.0	64.0	57.2	54.2	61.6	59.1	60.9	58.0	57.9
2	69.1	64.3	65.0	64.4	67.4	73.2	64.9	61.5	69.7	59.1	64.1	63.5	61.9	64.6	53.5	58.0	58.9	55.9	62.4	60.3	62.4	59.2	61.4
3	69.0	65.4	67.3	63.7	67.3	72.5	62.7	61.4	69.3	59.4	64.1	62.9	62.9	64.6	51.5	53.6	59.8	55.9	62.4	60.4	62.4	60.1	61.9
4	67.6	63.7	65.2	62.2	65.9	71.4	63.0	60.4	68.0	58.6	64.5	61.5	61.6	62.3	52.9	54.3	58.7	59.1	60.7	57.8	60.8	58.5	60.5
5	68.0	64.0	64.2	67.0	67.3	73.9	64.1	61.4	69.9	59.2	64.5	63.2	62.0	62.5	53.4	57.1	60.2	56.2	62.7	60.2	62.6	60.3	61.1
6	68.3	64.3	64.1	64.5	67.3	73.0	66.0	60.8	69.5	59.3	63.9	63.2	62.6	63.5	59.7	64.2	58.3	55.3	62.1	60.1	62.1	59.2	60.9
7	68.7	64.6	64.5	62.8	67.7	72.6	65.6	61.4	68.9	59.3	64.2	63.1	63.3	63.8	51.3	62.8	58.9	56.5	62.4	60.4	62.4	59.8	61.9
8	68.6	64.7	65.1	63.0	67.0	72.9	62.8	62.1	69.2	60.2	64.6	63.3	62.6	64.5	52.0	57.5	59.5	57.1	63.0	60.8	62.8	60.6	61.6
9	69.9	66.0	65.8	64.6	68.5	72.3	66.1	62.7	68.4	61.5	64.4	62.7	63.9	64.5	59.6	63.0	59.4	56.6	62.5	60.7	63.2	60.8	63.0
10	70.0	65.3	68.9	63.8	68.3	74.3	64.4	62.6	70.4	61.3	65.2	64.1	65.0	64.4	54.9	63.0	60.6	57.5	63.7	61.8	63.3	61.2	63.0
11	67.6	62.7	68.1	63.0	65.8	72.4	61.5	59.8	68.7	58.0	63.3	62.6	62.2	61.2	52.7	60.6	57.7	55.5	62.1	59.8	61.3	59.1	60.1
12	68.5	64.4	65.8	62.7	68.1	73.6	67.6	61.8	69.5	59.3	64.7	63.1	63.2	63.0	63.7	64.9	59.8	56.7	62.9	61.1	62.9	60.4	61.5
13	67.8	64.1	64.2	62.1	67.1	72.9	64.8	62.1	69.5	59.9	65.0	63.2	62.5	63.6	52.4	62.2	59.5	57.3	63.7	61.4	63.1	60.3	61.3
14	69.9	65.8	66.7	69.1	69.6	71.6	65.5	62.3	68.1	58.6	61.3	63.9	65.2	64.9	66.4	64.8	57.2	56.5	59.8	61.1	59.8	58.1	62.7
15	70.0	65.3	69.2	63.8	67.7	73.5	62.0	62.6	69.3	60.7	64.4	62.8	64.1	64.5	53.6	56.3	60.0	56.9	63.0	61.7	62.9	60.9	62.7
16	69.7	65.2	67.6	67.0	68.2	74.5	65.3	61.9	71.1	60.1	65.0	65.7	63.6	64.4	61.5	60.4	60.5	57.8	63.6	61.6	63.1	61.6	62.2
17	70.4	65.8	69.6	64.1	69.4	74.0	65.1	62.7	70.2	60.5	65.0	64.0	65.2	64.6	55.4	63.8	60.5	57.7	63.7	61.4	63.2	61.1	63.1
18	69.4	64.6	68.5	63.1	67.7	73.8	66.9	61.2	68.9	58.0	62.8	62.2	63.8	63.2	68.7	63.7	58.6	54.7	61.4	59.4	61.1	59.2	61.4
19	69.5	64.9	68.0	64.2	67.2	72.9	64.4	60.7	68.5	58.1	63.3	62.3	63.8	63.4	59.9	62.2	58.7	55.3	61.7	59.3	61.6	59.3	61.7
20	69.3	64.2	66.9	63.3	67.2	73.0	66.1	61.6	68.8	59.4	63.9	62.7	62.6	65.6	57.5	61.3	59.1	56.3	62.2	60.1	62.4	60.7	61.0
21	69.6	65.2	66.3	63.9	67.4	73.3	67.4	61.8	69.2	60.1	63.6	62.3	63.6	63.8	61.9	64.6	58.9	55.5	62.0	59.8	61.9	59.2	61.7
22	69.5	65.2	66.0	64.3	67.6	73.7	65.1	62.2	69.4	59.9	64.0	63.4	63.0	64.0	60.2	58.8	60.1	56.7	62.6	60.5	62.3	60.6	61.8
23	68.5	64.3	66.4	68.9	70.1	75.5	66.1	62.4	72.8	59.4	64.4	68.1	63.5	64.2	65.8	64.0	59.0	57.0	62.7	59.4	61.2	60.9	61.1
24	69.0	65.1	62.8	63.6	67.7	71.8	66.4	61.7	68.6	59.2	63.5	63.4	63.3	63.7	59.5	64.0	58.2	56.6	61.9	60.3	61.9	59.7	61.6
25	67.7	64.0	60.7	61.7	66.2	71.1	64.5	60.5	67.5	57.9	62.9	61.3	61.8	62.4	54.4	61.5	57.8	54.8	61.0	59.8	61.3	58.4	60.5
26	69.5	65.4	66.5	63.4	67.8	72.6	65.0	62.2	68.9	59.6	64.2	63.5	63.9	63.8	60.0	61.6	60.5	58.2	62.7	60.3	62.4	61.6	62.4
27	70.9	67.1	63.6	65.0	68.4	72.5	64.8	63.5	68.9	61.9	64.9	63.3	65.2	65.7	57.6	61.7	60.3	57.9	63.4	61.7	63.3	60.9	64.1
28	71.5	67.3	65.9	65.6	67.9	72.7	69.2	62.7	69.3	60.5	64.9	63.3	65.4	65.8	60.4	65.6	60.5	58.6	63.2	61.2	63.3	61.4	64.2
29	69.0	65.3	67.1	69.0	69.6	75.5	64.9	61.4	72.6	58.7	64.3	68.2	64.6	65.1	66.0	63.0	58.9	57.1	62.8	58.5	61.0	60.9	62.0
30	70.0	65.7	68.4	69.5	68.3	73.6	65.1	60.2	71.0	57.6	63.1	65.8	64.9	65.4	66.0	61.4	57.5	54.4	61.5	59.3	60.8	57.9	63.1
31	69.5	65.4	62.6	63.6	66.7	72.2	67.4	61.5	68.7	59.4	63.6	62.8	63.5	63.8	56.7	64.8	59.2	56.9	62.2	60.2	61.9	60.3	62.3
<b>Month</b>	<b>69.2</b>	<b>65.0</b>	<b>66.4</b>	<b>65.1</b>	<b>67.8</b>	<b>73.3</b>	<b>65.5</b>	<b>61.7</b>	<b>69.7</b>	<b>59.6</b>	<b>64.1</b>	<b>63.9</b>	<b>63.5</b>	<b>64.1</b>	<b>61.2</b>	<b>62.4</b>	<b>59.3</b>	<b>56.7</b>	<b>62.5</b>	<b>60.4</b>	<b>62.2</b>	<b>60.1</b>	<b>62.0</b>

**Table 12**

Air Carrier Operations by Aircraft Type captured by the Noise Monitoring System.

Aircraft Type	Air Canada Jazz	Air Canada Rouge	Alaska Airlines	Mesa Airlines	Allegiant Air	American	British Airways	Delta Air Lines	Edelweiss	Frontier Airlines	Hawaiian	Horizon Air	Japan Airlines	jetBlue	Lufthansa	SkyWest Airlines	Southwest Airlines	Spirit Airlines	Sun Country Airlines	United Airlines	WestJet/SWOOP	Swift Air	Airborne Express	FedEx Express	UPS Airlines	Total Operations
A20N	0	0	0	0	0	0	0	0	0	628	0	0	0	0	0	0	0	233	0	0	0	0	0	0	0	861
A21N	0	0	16	0	0	325	0	0	0	0	183	0	0	37	0	0	0	0	0	0	0	0	0	0	0	561
A306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
A319	0	0	0	0	16	48	0	16	0	0	0	0	0	0	0	0	0	6	0	272	0	0	0	0	0	358
A320	0	0	469	0	4	188	0	294	0	188	0	0	0	203	0	0	0	142	0	285	0	0	0	0	0	1,773
A321	0	0	0	0	0	2,280	0	772	0	148	0	0	0	590	0	0	0	0	0	0	0	0	0	0	0	3,790
A332	0	0	0	0	0	0	0	127	0	0	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314
A333	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
B38M	0	0	0	0	0	86	0	0	0	0	0	0	0	0	0	0	2,001	0	0	248	2	0	0	0	0	2,337
B39M	0	0	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	520	0	0	0	0	0	707
B733	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	0	0	27
B734	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	0	0	0	76
B737	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	6,167	0	0	26	46	0	0	0	0	6,257
B738	0	0	1,274	0	0	979	0	805	0	0	0	0	0	0	0	0	3,936	0	146	1,200	41	136	0	0	0	8,517
B739	0	0	1,892	0	0	0	0	318	0	0	0	0	0	0	0	0	0	0	0	1,670	0	0	0	0	0	3,880
B752	0	0	0	0	0	0	0	262	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	252	14	530
B753	0	0	0	0	0	0	0	353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	353
B763	0	0	0	0	0	0	0	235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	660	222	1,127
B764	0	0	0	0	0	0	0	396	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	396
B772	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
B788	0	0	0	0	0	0	0	0	0	0	0	0	181	0	0	0	0	0	0	0	0	0	0	0	0	181
B789	0	0	0	0	0	0	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91
CRJ2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6
CRJ7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	283	0	0	0	0	0	0	0	0	0	283
CRJ9	211	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	211
E175	0	0	1,038	0	0	0	0	0	0	0	0	0	0	0	0	3,861	0	0	0	0	0	0	0	0	0	4,899
<b>Jet</b>	<b>211</b>	<b>0</b>	<b>4,894</b>	<b>0</b>	<b>20</b>	<b>3,906</b>	<b>107</b>	<b>3,607</b>	<b>0</b>	<b>964</b>	<b>370</b>	<b>0</b>	<b>181</b>	<b>830</b>	<b>0</b>	<b>4,150</b>	<b>12,104</b>	<b>381</b>	<b>146</b>	<b>4,223</b>	<b>89</b>	<b>239</b>	<b>10</b>	<b>913</b>	<b>236</b>	<b>37,581</b>
BE99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151	151
C208	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	420	151	571
<b>All Ops</b>	<b>211</b>	<b>0</b>	<b>4,894</b>	<b>0</b>	<b>20</b>	<b>3,906</b>	<b>107</b>	<b>3,607</b>	<b>0</b>	<b>964</b>	<b>370</b>	<b>0</b>	<b>181</b>	<b>830</b>	<b>0</b>	<b>4,150</b>	<b>12,104</b>	<b>381</b>	<b>146</b>	<b>4,223</b>	<b>89</b>	<b>239</b>	<b>10</b>	<b>1,333</b>	<b>387</b>	<b>38,152</b>










# Q4 2021 QNR DRAFT REPORT

Final Audit Report

2022-03-25

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