

Quarterly Noise Report

For the California Department of Transportation

Second Quarter – Calendar Year 2020



SAN DIEGO
INTERNATIONAL AIRPORT

LET'S **GO.**

Airport Noise Mitigation

August 5, 2020

Q2 2020 Quarterly Noise Report

April 1 through June 30, 2020

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 for the operation of San Diego International Airport (SAN) on September 2, 2019.

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


Brendan Reed (Aug 6, 2020 11:28 PDT)

Brendan Reed
Director of Planning & Environmental Affairs


Kimberly J. Becker (Aug 6, 2020 13:15 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) – 0.317 Square Miles (202.9 Acres)
 - Federal Military Impact Area (F.M.I.A.) – 0.104 Square Miles (66.6 Acres)
2. Estimated number of dwelling units and population within the Noise Impact Area as defined in the Noise Standards:
 - Dwelling Units – 2,866* (Population – 5,585*)
3. Number of Noise Complaints and Households during the Calendar Quarter:
 - 17,849 Complaints (138 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 A321 (1,117 operations)
5. Number of Air Carrier Operations during the Calendar Quarter: 15,537
6. Percentage of Air Carrier Operations by aircraft certificated under Federal Aviation Regulation (FAR) Part 36, Stage III:
 - 100%
7. Number of General Aviation Operations during the Calendar Quarter: 1,299
8. Number of Air Taxi Operations during the Calendar Quarter: 1,651
9. Number of Military Operations during the Calendar Quarter: 233
10. Total number of Airport Operations during the Calendar Quarter: 18,720

* 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.

Impact Area	Q2 2020	Q2 2019	Change
N.I.A.	0.317	0.675	-0.358
F.M.I.A	0.104	0.149	-0.045

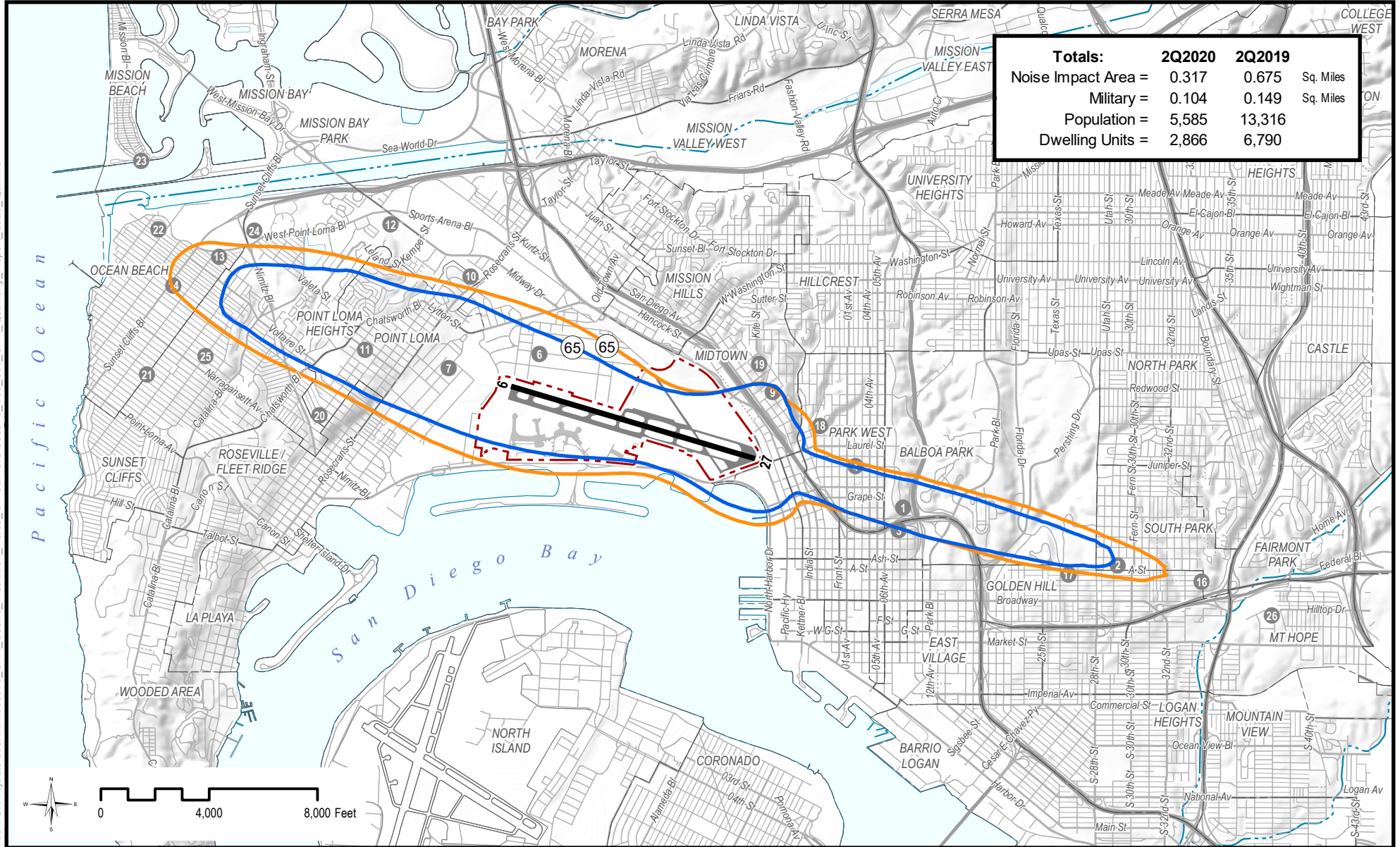
Table 1

Noise Contour

The Noise Contour on the subsequent page is prepared for the Airport Authority by their consultant HMMH Inc. using their RealContours (RC) for 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.

The reduction in the size of the Noise Impact Area compared to the same period last year is due to the significant reduction in commercial air carrier operations as a result of COVID-19.



Totals:	2Q2020	2Q2019	
Noise Impact Area =	0.317	0.675	Sq. Miles
Military =	0.104	0.149	Sq. Miles
Population =	5,585	13,316	
Dwelling Units =	2,866	6,790	

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- 2020 2nd Quarter 65 dB CNEL Contour
- 2019 2nd Quarter 65 dB CNEL Contour
- Airport Property
- Runway
- RMT Site Location
- Roads
- River / Stream

Comparison of the 2019 and 2020 Second Quarter 65 dB Community Noise Equivalent Level (CNEL) Contours



Residential Sound Insulation Program (RSIP)

Per the requirements of the Airport’s Variance agreement, the San Diego County Regional Airport Authority (SDCRAA) 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.

To date, the RSIP/QHP has completed 4,368 homes with a current waitlist of 791 units.

Aircraft Noise Complaints

During the Quarter, the Airport Noise Office received a total of 17,849 complaints from 138 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://public.tableau.com/profile/noise.disclosure#!/vizhome/SANQHPDashboard/SANQHP>

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	2nd Quarter 2020	2nd Quarter 2019	Net Change	Percent Change
Air Carrier	15,537	52,390	(36,853)	-70.3%
Air Taxi	1,651	2,997	(1,346)	-44.9%
General Aviation	1,299	2,330	(1,031)	-44.2%
Military	233	166	67	40.4%
Total	18,720	57,883	(39,163)	-67.7%

Table 2

Note: ATADS 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>

Airport Use Regulations

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

During the Quarter there were a total of four (4) curfew violations. Year to Date fines total \$6,000 with four (4) violations pending review at the August 5, 2020, CVRP meeting.

Airport Noise Advisory Committee (ANAC)

The San Diego County Regional Airport Authority (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-Authority/Meetings-Agendas/ANAC>

On June 17, 2020, ANAC met virtually via Zoom with perfect panel member attendance and a high number of public participants.

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) ₂	Annual CNEL (dB) ₁
1	63.4	67.8
2	59.7	64.8
3	55.7	77.5
4	59.0	64.3
6	63.0	67.8
7	66.5	73.4
9	58.4	65.2
10	57.0	62.2
11	63.6	70.0
12	55.2	60.5
13	58.2	64.3
14	58.6	63.8
16	57.8	63.4
17	57.9	63.3
18	50.2	60.7
19	55.3	62.5
20	54.3	59.6
21	52.5	56.6
22	57.6	63.1
23	54.4	61.7
24	55.7	62.6
25	55.9	60.5
26	56.6	62.0

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 full 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.

	Q2 2020	Q2 2019	Change (dB)
Departures	95.7	99.5	-3.76
Arrivals	95.0	94.9	0.10

Table 4

Table 5

Quarterly SENEL Survey – Arrivals (RMT #1) – May 12-14, 2020

Date/Time	SENEL (dB)	FLIGHT	ORIGIN	AC TYPE
5/14/20 5:33 PM	97.0	UPS2636	SDF	B763
5/14/20 5:33 AM	96.6	FDX1422	MEM	B763
5/13/20 5:59 PM	96.3	FDX906	MEM	B763
5/12/20 5:19 PM	96.1	UPS2636	SDF	B763
5/14/20 5:34 PM	96.0	FDX906	MEM	B763
5/13/20 5:51 AM	95.8	FDX1422	MEM	B763
5/12/20 5:45 AM	95.7	FDX1422	MEM	B763
5/12/20 6:02 PM	95.4	FDX906	MEM	B763
5/13/20 5:11 AM	94.9	UPS922	SDF	B763
5/12/20 5:15 AM	94.8	UPS922	SDF	B763
5/14/20 5:02 AM	94.7	FDX1889	OAK	B752
5/14/20 5:11 AM	94.6	UPS922	SDF	B763
5/14/20 5:21 AM	94.6	FDX1754	IND	B763
5/14/20 8:16 AM	94.3	ABX505	PHX	B763
5/12/20 8:10 AM	94.1	ABX505	PHX	B763
5/13/20 8:13 AM	94.0	ABX505	PHX	B763
5/14/20 5:25 PM	93.9	FDX3713	IND	B763
5/13/20 3:45 PM	93.9	AAL1168	ORD	B738
5/12/20 5:12 AM	93.8	FDX1754	IND	B763
5/13/20 5:08 AM	93.8	FDX1754	IND	B763
5/14/20 3:34 PM	93.7	AAL1168	ORD	B738
5/12/20 5:05 PM	93.5	FDX3713	IND	B763

Table 6

Quarterly SENEL Survey – Departures (RMT #7) – May 12-14, 2020

Date/Time	SENEL (dB)	FLIGHT	ORIGIN	AC TYPE
5/14/20 11:49 AM	97.7	AAL2935	CLT	A321
5/14/20 6:34 AM	96.5	UPS2921	SDF	B763
5/12/20 11:44 AM	96.4	AAL2935	CLT	A321
5/13/20 6:34 AM	96.4	AAL2535	DFW	B738
5/14/20 6:32 AM	96.2	AAL2535	DFW	B738
5/12/20 7:21 AM	96.2	DAL1592	ATL	A321
5/13/20 6:32 AM	96.2	UPS2921	SDF	B763
5/13/20 6:44 AM	95.9	FDX3613	IND	B763
5/14/20 7:04 AM	95.7	FDX821	MEM	B763
5/12/20 6:32 AM	95.6	AAL2535	DFW	B738
5/12/20 6:35 AM	95.5	UPS2921	SDF	B763
5/14/20 6:48 AM	95.5	FDX3613	IND	B763
5/14/20 7:09 PM	95.3	FDX1222	MEM	B763
5/14/20 7:15 PM	95.3	FDX1654	IND	B763
5/12/20 7:11 AM	95.3	FDX821	MEM	B763
5/12/20 6:36 AM	95.1	FDX3613	IND	B763
5/14/20 7:20 PM	95.0	UPS921	SDF	B763
5/14/20 9:30 AM	95.0	AAL23	ORD	B738
5/13/20 7:24 PM	94.6	FDX1654	IND	B763
5/12/20 7:29 PM	94.5	FDX1654	IND	B763
5/13/20 7:20 PM	94.5	FDX1222	MEM	B763

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	1	0	0	1	0	0	0	0	0	0	0	0	0	2
A21N	1	0	0	1	0	0	0	0	0	0	0	0	0	2
A319	4	3	0	6	0	1	0	0	0	0	0	0	0	14
A320	1	1	0	2	0	0	0	0	0	0	0	0	0	4
A321	3	3	0	4	0	2	0	0	0	0	0	0	0	12
A332	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A343	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B737	18	4	1	19	3	2	0	0	0	0	0	0	0	47
B738	16	4	1	17	3	1	0	0	0	0	0	0	0	42
B739	2	1	0	2	0	0	0	0	0	0	0	0	0	5
B744	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B752	1	0	1	0	1	0	0	0	0	0	0	0	0	3
B753	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B763	2	0	2	1	2	1	0	0	0	0	0	0	0	8
B788	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE99	1	0	0	1	0	0	0	0	0	0	0	0	0	2
C208	2	0	0	2	0	0	0	0	0	0	0	0	0	4
CRJ2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRJ7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRJ9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E75L	10	3	0	12	1	0	0	0	0	0	0	0	0	26
P31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	62	19	5	68	10	7	0	0	0	0	0	0	0	171

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 for the Quarter. Quarters 2 and 4 include a six (6) month rollup of Air Carrier Operations by Aircraft Type. This is reflected in Table 13.

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 at FAA and FTC facilities.

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 – April 2020

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	66.6	62.7	60.2	63.5	66.5	69.4	63.0	60.9	66.3	58.3	60.7	60.4	60.7	60.8	54.2	59.2	55.7	53.4	58.7	56.3	59.5	56.6	59.9
2	66.1	63.1	57.2	61.4	65.9	68.1	60.1	60.5	65.6	58.5	61.5	60.9	62.1	61.3	47.0	56.7	57.1	55.5	60.0	57.7	59.4	58.7	60.0
3	65.8	62.5	59.4	60.9	66.3	67.3	61.3	60.3	64.5	59.3	60.5	58.9	60.8	60.8	43.1	60.6	56.1	54.4	58.8	57.4	58.9	57.0	59.6
4	64.3	61.1	54.7	59.6	64.9	66.5	58.8	58.6	63.6	57.0	59.6	58.8	59.2	59.4	49.6	54.0	55.5	54.2	58.2	56.6	57.8	56.8	58.1
5	63.2	60.9	53.8	59.5	66.7	67.1	61.9	59.4	64.1	57.7	60.0	59.3	59.0	59.2	49.4	58.2	56.4	54.8	58.7	56.8	58.5	57.4	57.9
6	66.0	61.2	59.6	63.6	67.6	67.8	63.2	60.5	65.0	58.2	60.5	59.8	59.5	59.3	56.6	59.7	56.6	54.8	62.2	56.5	58.8	58.2	58.0
7	67.0	62.0	60.2	63.0	65.8	67.8	57.2	59.3	65.2	57.9	60.1	61.1	60.2	60.6	58.8	53.9	55.5	54.4	58.8	56.1	58.0	56.9	58.8
8	64.9	62.1	57.3	60.4	65.3	66.7	61.6	59.0	63.8	56.9	59.7	59.1	60.6	60.0	54.8	59.1	56.1	54.7	58.3	55.9	57.8	57.4	58.9
9	65.7	62.2	57.8	60.3	67.0	67.4	60.3	59.9	63.9	57.3	59.8	59.0	60.5	60.6	46.7	58.7	56.4	55.2	58.4	56.1	57.4	57.9	59.1
10	66.1	62.0	57.4	60.3	67.7	67.6	60.0	61.0	66.8	59.9	60.6	60.5	59.9	60.2	52.6	57.2	57.2	55.9	59.5	56.7	58.6	58.4	59.0
11	62.7	59.2	53.4	57.5	64.0	66.4	56.0	58.1	0.0	56.0	59.1	58.9	57.2	57.3	41.9	52.2	55.6	54.5	57.9	54.1	56.8	57.5	56.0
12	63.5	59.9	53.8	58.4	63.8	64.7	58.1	57.4	0.0	55.1	58.5	57.8	58.1	58.3	50.3	54.8	54.7	53.4	57.1	53.5	56.1	56.0	58.1
13	64.5	60.2	56.6	60.2	63.8	65.3	60.5	57.8	0.0	55.9	58.4	58.5	58.4	58.9	50.8	58.5	55.2	55.8	62.1	53.7	56.1	57.4	57.4
14	63.9	60.6	56.3	59.8	63.6	66.1	53.0	57.9	61.9	57.7	58.8	58.9	58.6	58.6	47.1	46.3	55.8	54.1	57.6	55.3	56.4	57.0	57.4
15	63.5	60.0	54.5	58.3	63.5	66.2	59.5	56.6	66.1	55.9	57.9	59.2	58.0	58.0	50.5	58.4	55.1	53.3	56.8	51.8	55.5	56.2	56.6
16	63.8	60.3	54.2	58.7	64.6	66.1	61.3	57.7	0.0	55.7	57.8	57.5	58.3	58.4	53.0	59.2	54.5	53.3	56.7	53.1	56.0	55.7	56.9
17	63.8	60.0	54.3	58.7	63.7	64.6	58.3	57.4	0.0	56.5	58.0	57.8	58.0	58.0	48.9	55.0	54.4	52.9	56.9	54.8	56.1	55.7	57.3
18	62.7	59.1	56.2	62.7	63.1	64.7	59.3	57.5	51.9	55.0	58.5	58.2	57.3	57.3	50.1	59.8	55.8	53.8	57.2	54.0	56.1	56.9	55.7
19	61.9	58.8	51.9	58.0	63.1	63.8	56.4	57.0	0.0	54.5	57.4	56.8	56.2	57.1	43.6	48.2	54.1	52.3	56.1	53.8	55.1	55.6	55.2
20	61.7	58.3	52.9	57.7	62.3	64.0	55.2	56.9	60.6	54.4	57.7	57.4	55.9	56.9	41.8	49.9	54.6	52.5	63.7	51.9	54.7	55.7	55.3
21	64.2	60.1	54.9	59.0	63.2	65.2	56.4	57.1	62.5	58.6	58.3	58.3	58.3	58.4	49.5	54.2	54.9	53.2	57.1	54.1	56.1	56.3	57.2
22	63.8	59.6	55.4	59.0	61.8	65.7	56.3	55.7	62.7	54.5	57.6	58.3	58.9	57.7	55.0	63.5	54.8	53.1	56.4	53.4	54.8	56.7	56.4
23	62.9	59.5	53.4	58.0	62.7	65.9	59.1	56.4	62.8	53.9	58.1	58.6	58.0	57.6	54.5	55.3	54.2	52.7	57.4	52.7	55.9	56.0	56.2
24	61.9	58.5	52.3	57.8	61.8	66.7	56.9	54.7	63.6	53.8	57.5	58.5	56.8	56.6	48.8	51.6	53.0	50.8	55.1	51.5	53.5	54.0	55.6
25	58.5	55.0	46.8	56.8	60.9	67.0	56.2	53.8	64.0	51.2	56.7	59.0	52.7	53.0	46.6	51.9	51.1	50.4	54.5	51.4	53.1	53.5	51.4
26	58.9	56.7	49.6	56.3	60.7	64.6	56.8	54.4	62.5	51.7	56.7	57.4	54.6	55.3	45.1	48.5	51.8	50.1	54.8	50.1	55.2	54.2	53.7
27	60.6	57.4	50.5	55.7	62.3	65.4	56.9	56.2	63.2	53.8	57.1	58.0	55.2	55.2	43.9	53.7	52.1	51.5	59.0	53.0	54.5	54.2	54.5
28	60.3	57.1	51.7	56.0	62.3	68.6	57.9	55.6	65.6	56.6	57.7	60.8	55.4	55.1	44.1	56.0	52.1	50.6	56.2	52.3	54.7	54.3	54.4
29	63.1	58.7	55.4	57.6	62.5	66.9	58.0	54.4	63.4	49.2	54.6	58.4	56.0	57.0	42.9	53.0	50.0	47.1	54.4	49.1	54.2	51.1	54.4
30	60.2	57.6	53.2	56.0	62.1	69.0	57.8	56.0	65.6	52.1	56.8	60.8	55.1	55.5	46.0	52.8	52.9	51.2	55.5	51.5	53.8	54.6	54.5
Month	63.9	60.3	55.9	59.7	64.4	66.7	59.2	58.1	64.1	56.4	58.8	59.0	58.5	58.5	51.3	57.0	55.0	53.5	58.4	54.6	56.7	56.4	57.2

Table 10

Daily/Monthly CNEL Levels – May 2020

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	63.8	59.6	55.1	58.9	62.7	66.3	57.4	56.5	63.0	57.4	56.5	56.1	57.0	57.9	43.3	53.7	53.4	50.1	54.9	52.7	55.6	53.2	55.2
2	61.3	57.7	53.3	56.9	61.7	65.2	57.7	56.1	62.9	53.9	58.3	58.1	55.6	55.9	48.8	53.6	54.5	52.9	58.1	55.2	55.9	56.3	54.4
3	60.5	56.8	52.5	55.7	61.0	64.1	55.4	55.6	61.6	52.7	57.1	57.0	54.3	55.0	41.4	49.6	52.9	51.7	55.5	53.0	54.7	55.0	53.5
4	62.4	58.3	55.2	57.1	61.5	64.4	56.9	56.0	61.9	57.1	58.5	57.5	56.0	56.5	48.7	50.1	53.6	51.8	56.4	54.1	54.5	55.3	55.3
5	63.0	59.1	55.5	58.2	61.6	65.5	54.8	55.4	62.3	53.0	56.4	57.4	57.5	57.1	46.0	47.7	57.0	51.9	55.5	51.6	53.1	55.6	56.0
6	63.1	59.1	55.5	58.3	61.0	65.0	55.5	54.2	61.9	53.2	56.9	57.3	57.8	57.2	48.4	50.3	54.4	51.8	54.8	51.7	53.7	55.3	55.8
7	59.5	55.9	51.9	55.5	61.3	67.7	58.0	54.6	65.2	51.3	56.7	60.5	54.9	54.1	44.2	54.6	52.8	51.5	54.8	49.9	55.2	54.6	52.9
8	59.5	56.6	52.9	55.6	60.9	67.6	57.0	54.0	64.5	53.2	56.3	60.2	54.8	54.7	44.8	53.4	51.3	49.4	55.1	49.4	53.1	53.6	53.9
9	61.5	57.3	54.1	56.9	60.4	63.9	54.5	54.0	60.9	50.2	54.0	54.2	56.0	56.4	42.0	49.2	51.3	47.6	51.7	48.2	51.0	50.9	54.0
10	59.2	56.2	51.6	55.1	60.8	63.6	54.4	54.5	60.9	50.5	55.1	54.9	54.0	54.5	40.2	51.8	50.8	47.3	52.5	49.4	52.3	51.8	52.9
11	61.5	57.5	54.1	56.4	61.1	63.4	53.4	54.8	61.0	52.6	56.3	56.5	55.2	55.9	32.0	44.5	52.5	51.2	55.2	55.6	53.9	55.7	54.5
12	63.9	59.5	54.9	58.6	61.7	65.2	56.1	56.5	62.2	56.3	57.7	58.5	57.1	58.0	46.4	54.7	54.5	53.4	56.6	53.1	54.7	56.6	56.5
13	63.7	59.7	55.1	58.9	62.1	65.5	58.4	56.1	62.7	54.6	58.3	59.1	58.1	58.3	50.6	54.4	54.8	55.3	57.2	54.2	55.4	56.8	56.5
14	64.4	59.8	57.4	59.0	61.6	65.9	55.7	57.0	62.7	53.9	57.9	58.9	57.8	57.9	45.0	53.4	54.0	53.7	57.1	53.8	55.7	56.7	56.5
15	64.0	60.1	55.1	58.5	61.1	65.3	55.6	55.4	62.6	54.4	57.7	58.2	58.1	57.8	43.6	51.8	56.9	51.8	56.5	60.3	54.7	58.9	56.6
16	61.7	57.9	52.7	57.1	60.5	64.5	54.9	54.6	61.3	51.1	56.3	57.0	55.6	56.1	45.2	53.0	51.4	50.9	55.1	52.1	53.2	54.0	54.6
17	60.0	56.8	52.9	55.4	61.3	65.4	56.9	55.3	61.9	51.1	55.8	56.6	54.6	55.0	46.8	54.4	51.2	48.4	54.4	50.1	52.6	52.9	53.5
18	61.1	58.0	53.3	56.7	61.0	63.8	55.5	55.7	61.7	52.6	56.5	56.6	55.8	56.0	45.4	46.7	52.4	52.1	57.1	53.7	54.1	54.2	54.9
19	66.5	60.5	59.9	60.7	63.0	65.3	58.5	57.1	62.9	55.9	58.7	59.8	58.5	59.0	54.2	53.7	55.7	55.3	57.7	56.7	55.9	57.5	57.8
20	64.1	60.3	56.3	59.0	62.6	67.6	59.1	56.6	64.4	54.9	59.0	59.5	57.8	58.5	54.7	54.7	55.4	54.2	57.8	55.7	56.0	57.4	57.0
21	64.0	59.9	55.1	59.5	62.1	68.1	60.0	58.4	64.5	55.2	59.2	59.1	58.0	57.9	50.6	59.7	54.7	53.1	58.0	59.3	57.5	56.5	57.1
22	64.6	60.6	56.1	59.4	62.7	67.6	59.4	56.6	64.3	55.2	58.8	58.6	59.5	58.9	51.5	57.8	55.0	52.3	57.0	55.1	56.3	56.1	57.5
23	61.8	58.4	52.3	56.8	62.0	64.8	57.3	55.6	61.7	52.8	57.6	57.8	56.4	56.4	48.4	54.8	53.0	51.6	56.3	53.4	55.0	55.2	54.7
24	59.7	56.6	50.8	54.9	60.5	65.1	54.5	55.0	62.0	52.7	57.3	57.8	54.2	54.8	42.4	46.4	53.1	51.7	56.1	53.3	54.3	55.2	53.6
25	60.2	57.1	50.2	56.0	61.0	64.2	54.4	54.2	60.8	50.9	54.8	54.9	54.5	55.7	41.5	44.9	50.0	47.1	53.1	52.9	52.4	51.4	53.7
26	62.5	58.6	54.2	57.7	61.4	65.8	56.9	54.8	63.4	50.5	56.1	56.9	55.7	57.5	45.3	50.3	52.3	49.0	62.5	49.4	52.9	52.8	54.6
27	63.0	58.6	55.8	58.4	61.8	67.8	58.7	56.1	64.1	54.0	57.5	59.3	56.4	57.7	46.0	55.3	54.4	53.1	56.3	49.9	54.3	55.8	55.3
28	63.4	59.4	55.2	58.6	62.0	66.5	58.0	55.8	63.5	52.3	57.2	58.9	57.8	57.6	46.7	52.7	53.2	51.1	56.0	51.4	53.8	55.1	56.3
29	63.7	60.3	56.1	58.9	62.1	65.2	56.9	55.8	62.2	52.6	57.1	57.3	57.9	58.3	46.5	54.1	52.3	49.9	55.0	51.7	54.1	54.2	56.9
30	62.0	58.1	55.9	56.9	60.4	65.3	54.9	54.5	62.0	53.0	57.0	58.0	55.7	56.4	44.7	44.6	53.2	51.8	56.2	53.6	54.1	55.2	55.0
31	60.5	57.2	50.2	55.5	60.8	64.2	53.8	54.6	61.3	52.4	56.9	57.2	54.8	55.7	46.3	43.8	53.4	51.2	55.7	53.3	54.3	55.1	55.1
Month	62.6	58.6	54.8	57.7	61.5	65.7	56.8	55.7	62.7	53.7	57.2	58.0	56.6	56.9	47.8	53.2	53.7	51.9	56.5	54.0	54.5	55.3	55.4

Table 11

Daily/Monthly CNEL Levels – June 2020

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	61.4	58.0	52.7	57.1	60.8	64.5	53.7	55.7	61.5	54.0	57.6	56.6	55.7	56.6	41.4	46.0	53.1	51.7	55.1	52.4	53.6	54.6	55.0
2	63.9	59.8	55.8	58.9	62.3	67.3	60.2	56.6	64.3	55.4	59.1	59.9	57.9	57.9	48.4	59.5	55.3	54.3	58.0	54.9	56.0	57.7	57.2
3	63.4	59.2	56.8	61.9	61.3	65.4	57.1	55.4	62.8	53.1	57.3	58.1	56.9	57.4	55.3	52.9	53.1	51.7	55.9	51.5	54.2	55.3	55.9
4	61.5	57.9	52.2	57.0	62.8	69.2	59.8	55.7	65.8	50.9	56.6	59.4	57.5	56.2	51.7	56.9	50.9	47.1	54.3	50.3	52.8	51.8	54.7
5	64.4	60.7	57.4	59.6	62.3	66.8	57.9	56.8	64.1	55.8	59.0	59.8	58.7	58.9	45.2	55.2	54.5	53.2	57.9	54.9	57.0	57.2	57.3
6	62.6	59.6	55.9	57.9	62.1	65.5	59.6	56.5	62.2	54.3	57.9	57.7	57.1	58.3	54.0	56.6	53.2	51.4	56.5	54.8	55.8	55.0	55.8
7	61.5	58.1	54.7	57.1	61.6	65.8	57.5	55.8	62.6	53.6	58.4	58.6	56.0	56.5	46.1	52.1	53.4	52.8	56.9	55.1	55.6	55.8	55.2
8	61.8	58.2	55.4	57.4	61.7	66.2	52.4	55.9	62.5	54.6	58.2	57.7	56.0	56.9	44.4	48.7	53.9	52.0	56.2	54.4	55.3	55.8	55.3
9	60.4	57.3	54.7	57.2	62.4	65.6	59.5	53.6	61.2	53.2	55.2	56.5	54.9	56.0	54.2	56.3	51.4	49.2	54.3	55.3	52.2	53.1	53.4
10	63.0	59.0	55.9	58.2	62.4	66.0	58.1	55.4	61.4	51.8	55.0	56.2	56.8	57.1	54.3	53.8	51.5	49.4	53.9	49.8	51.8	53.3	54.9
11	63.7	60.4	55.0	60.5	62.4	67.8	58.7	56.5	63.9	53.2	57.2	58.1	58.1	58.3	56.1	56.4	53.7	51.3	65.1	51.4	54.2	55.1	56.0
12	64.7	61.0	59.3	60.0	63.0	67.4	58.7	56.9	64.6	54.5	59.6	59.8	58.9	59.0	50.0	55.4	54.5	52.6	58.0	55.5	57.0	56.3	57.9
13	62.3	59.0	55.2	57.5	61.6	65.7	57.2	55.8	62.4	52.9	57.7	58.3	57.0	57.1	45.6	52.6	53.4	51.9	56.4	53.3	54.8	55.7	55.7
14	61.8	59.0	54.6	57.5	62.3	66.7	58.4	56.5	63.6	54.3	58.8	59.2	57.0	57.0	47.0	54.8	53.6	52.3	57.5	57.8	56.4	55.6	55.7
15	63.0	59.7	55.5	62.1	63.2	67.0	59.3	57.3	63.9	54.5	58.8	58.7	58.1	57.9	47.6	55.7	54.8	52.4	57.0	54.6	56.3	55.9	57.0
16	64.6	61.2	56.7	59.7	63.3	68.5	60.3	57.6	65.5	55.8	59.9	60.5	59.0	59.2	56.9	58.5	55.6	53.2	58.4	55.5	56.5	57.3	57.9
17	64.1	60.7	54.8	59.5	63.2	68.3	59.8	57.3	64.9	56.1	59.7	60.4	58.6	58.7	53.7	57.6	55.5	54.1	58.4	55.8	56.9	57.8	57.6
18	64.2	61.3	56.2	59.6	63.4	68.2	59.3	57.2	65.4	55.8	60.0	60.4	59.3	59.1	50.0	56.9	55.6	53.4	58.4	55.9	58.0	57.4	57.9
19	65.4	61.4	59.1	60.5	63.5	67.6	59.5	57.0	64.5	55.9	59.5	60.2	59.0	59.5	47.4	51.8	55.6	54.2	58.2	55.5	56.8	57.9	59.1
20	63.6	59.6	56.7	58.8	61.5	65.3	57.8	55.2	62.0	55.0	57.0	57.4	57.4	58.0	49.1	53.1	52.9	49.2	55.2	52.9	54.4	53.9	56.4
21	62.4	59.3	55.6	58.0	62.3	67.1	57.8	56.6	64.0	53.7	57.6	58.2	56.9	57.4	45.4	51.7	54.4	49.6	55.5	53.3	55.3	54.8	56.9
22	62.7	60.0	55.9	58.5	62.2	67.3	58.4	60.2	63.9	61.1	58.6	58.3	58.0	57.9	44.2	52.7	53.6	51.4	56.4	53.6	55.8	55.0	57.2
23	64.9	61.2	59.3	60.4	62.7	66.9	57.7	56.0	62.7	54.7	56.0	56.8	58.6	59.1	46.4	49.6	52.6	48.7	54.1	51.5	53.4	53.4	57.9
24	64.8	61.0	57.2	60.0	62.9	67.8	59.2	55.9	63.1	51.2	55.7	56.6	58.8	59.0	46.5	54.0	51.8	47.6	54.2	50.2	53.0	52.6	58.2
25	64.8	61.4	56.9	60.1	63.0	67.9	58.8	56.8	64.6	54.4	58.2	58.4	59.5	59.3	49.9	55.4	54.1	51.8	56.2	53.9	55.9	55.9	58.9
26	65.1	61.3	58.7	60.1	63.3	67.2	58.6	57.1	64.1	56.5	59.0	58.5	58.9	59.2	46.6	50.3	54.6	51.2	57.0	55.6	56.6	55.2	58.3
27	63.2	59.7	54.4	58.1	61.7	66.6	57.4	56.0	63.1	53.4	57.2	57.8	57.8	57.7	43.2	51.8	52.9	49.7	55.7	52.8	54.5	54.1	56.3
28	62.9	59.6	53.9	58.2	62.6	67.7	60.1	56.9	64.8	54.1	59.5	59.5	57.7	57.8	44.1	56.6	54.8	52.5	57.9	56.0	57.1	56.4	56.6
29	63.9	60.3	55.1	59.3	63.4	67.7	59.9	60.0	64.6	57.1	60.3	59.8	58.6	58.5	49.7	57.0	55.9	53.1	59.0	56.2	57.7	56.7	57.4
30	65.2	61.3	58.8	60.0	63.7	68.4	60.4	58.2	65.1	58.3	60.2	61.1	59.4	60.2	49.7	51.3	56.5	55.1	59.0	56.4	58.2	58.9	58.4
Month	63.6	60.0	56.4	59.2	62.6	67.1	58.7	56.8	63.8	55.2	58.4	58.8	58.0	58.2	50.8	55.0	54.1	52.0	57.6	54.5	55.7	55.8	56.9

Table 12

Air Carrier Operations by Aircraft Type captured by the Noise Monitoring System (Q2 2020).

Aircraft Type	Air Canada Jazz	Air Canada Rouge	Alaska Airlines	Allegiant Air	American Airlines	British Airways	Compass Airlines	Delta Air Lines	Edelweiss	Frontier Airlines	Hawaiian Airlines	Horizon Air	Japan Airlines	jetBlue Airways	Lufthansa	SkyWest Airlines	Southwest Airlines	Spirit Airlines	Sun Country Airlines	United Airlines	WestJet Airlines	Airborne Express	FedEx Express	UPS Airlines	Total Operations
A20N	0	0	0	0	0	0	0	0	0	159	0	0	0	0	0	0	0	37	0	0	0	0	0	0	196
A21N	0	0	182	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	198
A306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
A319	0	0	0	144	26	0	0	765	0	0	0	0	0	0	0	0	0	38	0	354	0	0	0	0	1,327
A320	0	0	64	4	14	0	0	15	0	14	0	0	0	1	0	0	0	77	0	245	0	0	0	0	434
A321	0	0	0	0	603	0	0	361	0	0	0	0	0	152	0	0	0	0	0	0	0	0	0	0	1,116
B737	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,200	0	0	18	0	0	0	0	4,218
B738	0	0	28	0	863	0	0	74	0	0	0	0	0	0	0	0	2,729	0	28	145	0	0	0	0	3,867
B739	0	0	374	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	0	75	0	0	0	0	495
B752	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	231	0	236
B762	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8
B763	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124	492	204	820
B788	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	14
E175	0	0	0	0	0	0	7	0	0	0	0	435	0	0	0	1,956	0	0	0	0	0	0	0	0	2,398
Jet	0	0	648	148	1,522	0	7	1,266	0	173	0	435	14	153	0	1,956	6,929	152	28	837	0	132	725	204	15,329
BE99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160	160
C208	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	413	0	413
PA31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	82
Prop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	413	242	655
All Ops	0	0	648	148	1,522	0	7	1,266	0	173	0	435	14	153	0	1,956	6,929	152	28	837	0	132	1,138	446	15,984

Note: Compass Airlines ceased to operate as a carrier on April 5, 2020. They will be removed from future reports.

Table 13

Air Carrier Operations by Aircraft Type captured by the Noise Monitoring System (January through June 2020).

Aircraft Type	Air Canada Jazz	Air Canada Rouge	Alaska Airlines	Allegiant Air	American	British Airways	Compass Airlines	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	Airborne Express	FedEx Express	UPS Airlines	Total Operations
A20N	0	0	0	0	0	0	0	0	0	493	0	0	0	0	0	0	0	233	0	0	0	0	0	0	726
A21N	0	0	246	0	147	0	0	0	0	0	211	0	0	0	0	0	0	0	0	0	0	0	0	0	604
A221	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
A319	0	28	262	157	28	0	0	1,026	0	411	0	0	0	0	0	0	0	467	0	692	0	0	0	0	3,071
A320	0	2	1,651	4	88	0	0	554	0	112	0	0	0	214	0	0	0	247	0	1,238	0	0	0	0	4,110
A321	0	128	0	0	3,266	0	0	1,992	0	4	0	0	0	794	0	0	0	0	0	0	0	0	0	0	6,184
A332	0	0	0	0	0	0	0	0	0	0	133	0	0	0	0	0	0	0	0	0	0	0	0	0	133
A333	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
A343	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98	0	0	0	0	0	0	0	0	0	98
B736	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	22
B737	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	18,505	0	0	70	86	0	0	0	18,663
B738	0	0	929	0	2,075	0	0	718	0	0	0	0	0	0	0	0	7,040	0	144	831	28	0	0	0	11,765
B739	0	0	1,656	0	0	0	0	175	0	0	0	0	0	0	0	0	0	0	0	2,049	0	0	0	0	3,880
B744	0	0	0	0	0	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146
B752	0	0	0	0	156	0	0	574	0	0	0	0	0	0	0	0	0	0	0	571	0	0	403	2	1,706
B753	0	0	0	0	0	0	0	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127
B762	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	976	0	990
B763	0	6	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	251	0	422	747
B764	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
B772	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
B788	0	0	0	0	0	0	0	0	0	0	0	0	184	0	0	0	0	0	0	0	0	0	0	0	184
CRJ2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	347	0	0	0	0	0	0	0	0	347
CRJ7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	260	0	0	0	0	0	0	0	0	260
CRJ9	478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	478
DC10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
E175	0	0	1,761	0	0	0	1,658	0	0	0	0	0	0	0	0	5,248	0	0	0	0	0	0	0	0	8,667
Jet	478	164	6,507	161	5,760	146	1,658	5,266	0	1,020	344	0	184	1,008	98	5,855	25,545	947	144	5,453	136	265	1,385	426	62,950
BE99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	315	315
C208	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	835	0	835
PA31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200
SW3/4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
Prop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	835	527	1,362
All Ops	478	164	6,507	161	5,760	146	1,658	5,266	0	1,020	344	0	184	1,008	98	5,855	25,545	947	144	5,453	136	265	2,220	953	64,312

Note: This 6-month rollup table is provided in the Q2 and Q4 reports.









Q2 2020 QNR - FINAL VERSION -2020-08-06

Final Audit Report

2020-08-06

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