

NOISE ABATEMENT PROGRAM QUARTERLY REPORT

**For the period:
July 1, 2025 through September 30, 2025**

Prepared in accordance with:

AIRPORT NOISE STANDARD

STATE OF CALIFORNIA

California Code of Regulations

Airport Noise Standards

Title 21: Public Works

Division of Aeronautics (Department of Transportation)

Chapter 6. Noise Standards

Submitted by:

Signed by:

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**Charlene V. Reynolds
Airport Director
John Wayne Airport, Orange County**

INTRODUCTION

This is the 211th Quarterly Report submitted by the County of Orange in accordance with the requirements of the California Airport Noise Standards (California Code of Regulations, Title 21: Public Works, Division 2.5, Division of Aeronautics (Department of Transportation), Chapter 6. Noise Standards). Effective January 1, 1986, the criteria for defining "Noise Impact Area" was changed from 70 dB to 65 dB Community Noise Equivalent Level (CNEL). Under this criteria, John Wayne Airport currently has a "Noise Impact Area."

NOISE IMPACT SUMMARY

Caltrans' Aeronautics Program has established guidelines in the California State Noise Standard to control residential area noise levels produced by aircraft operations using the State's airports. Under those guidelines, residential noise sensitive areas exposed to an average Community Noise Equivalent Level (CNEL) of more than 65 dB define the "Noise Impact Area." John Wayne Airport uses ten permanent remote noise monitoring stations (NMS) located in Newport Beach, Santa Ana, Tustin and Irvine to measure noise levels, at the following locations:

MONITOR STATIONS

NMS-1S: Golf Course, 3100 Irvine Ave., Newport Beach
NMS-2S: 20162 S.W. Birch St., Newport Beach
NMS-3S: 2139 Anniversary Lane, Newport Beach
NMS-4S: 2338 Tustin Ave., Newport Beach
NMS-5S: 324 ½ Vista Madera, Newport Beach
NMS-6S: 1912 Santiago, Newport Beach
NMS-7S: 1131 Back Bay Drive, Newport Beach
NMS-8N: 17372 Eastman Street, Irvine
NMS-9N: 1300 S. Grand Avenue, Santa Ana
NMS-10N: 17952 Beneta Way, Tustin

The map in Figure 1 shows the general location of each permanent remote monitor station.

Figure 2 shows the Airport's "Noise Impact Area" for the previous year (October 1, 2024 - September 30, 2025). The Figure 2 information was developed by Harris Miller Miller and Hanson Inc., in consultation with John Wayne Airport. CNEL values measured for the period and current digitized land use information were utilized to calculate the land area acreages, number of residences and estimated number of people within the "Noise Impact Area".

FIGURE 1
NOISE MONITORING STATIONS (NMS)
LOCATION MAP

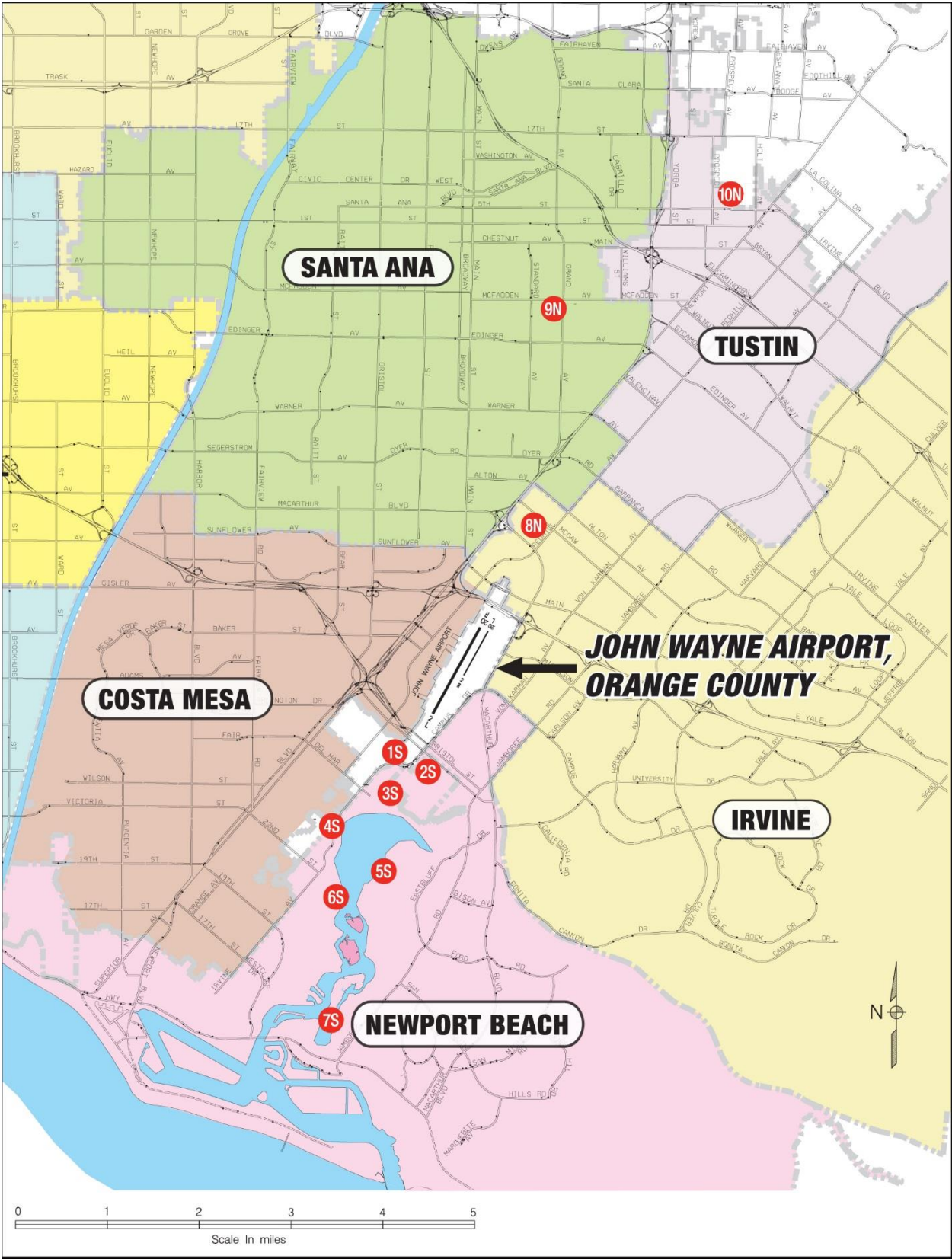
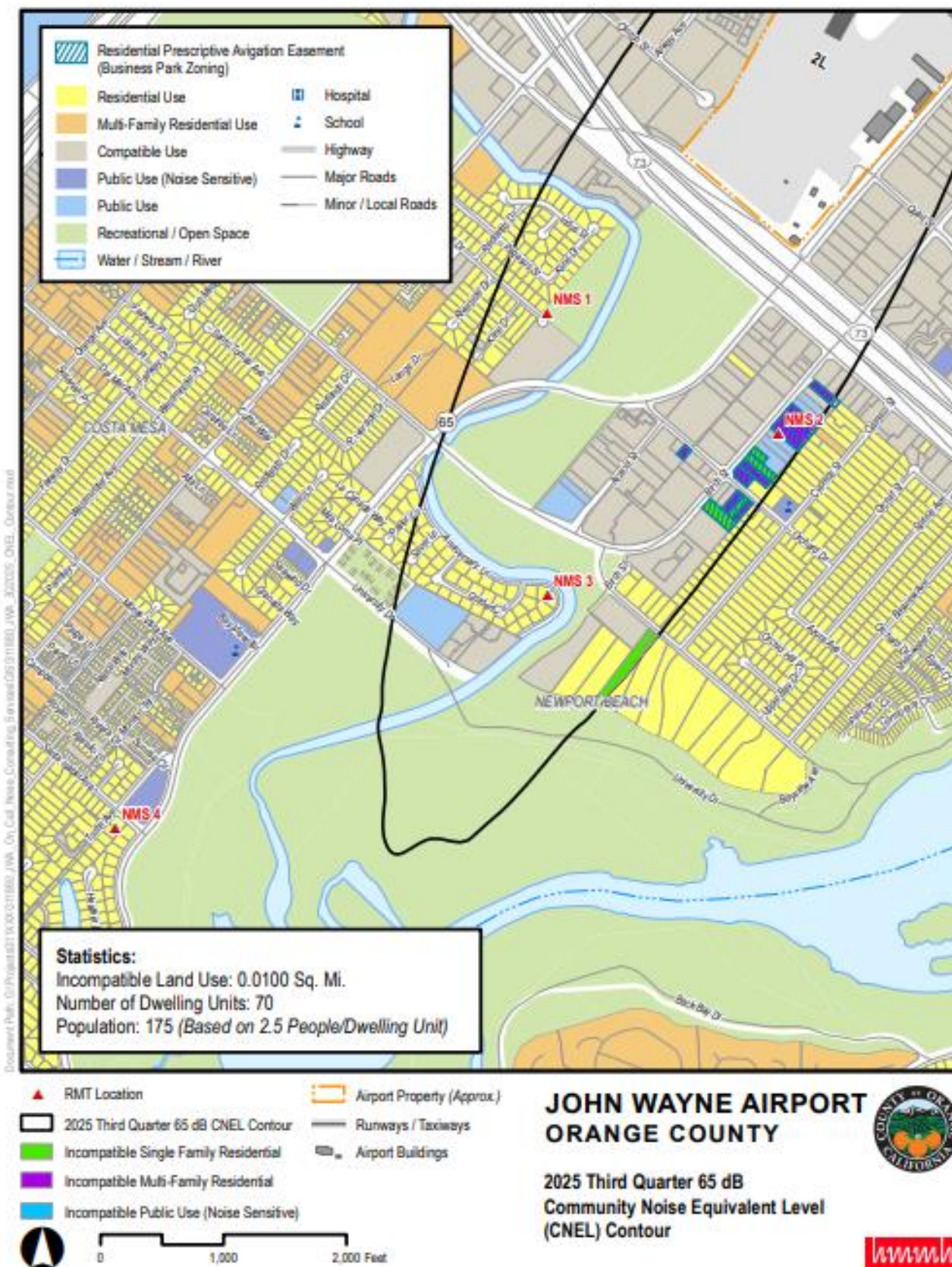


FIGURE 2



AIRCRAFT TRAFFIC SUMMARY

The Airport traffic summary for this quarter is shown in Table 1 below. Air Carrier operational count histories and average daily departure counts are illustrated in Tables 9 & 11.

TABLE 1
LANDING AND TAKEOFF OPERATIONS
July - September 2025

Period	Carriers		GA Jet (1)	Total Operations (2)	Average Daily Jet Operations
	Jet	Prop			
July	9,124	0	4,114	30,003	427
August	8,890	0	3,959	28,670	414
September	8,544	0	3,858	28,555	413
Third Quarter	26,558	0	11,931	87,228	418
Twelve Months 10/01/24 - 09/30/25	101,271	0	45,209	341,166	401

NOTE: (1) GA Jet figures include a 5% factor for operations not identified by the JWA noise monitor stations.
(2) Counts in this column are based upon records provided by the local FAA representatives.

COMMUNITY NOISE EQUIVALENT LEVELS

The monthly, quarterly, and twelve-month Community Noise Equivalent Level (CNEL) average values for each monitor station are shown in Table 2, while daily CNEL values are shown in Tables 3 through 5. Insufficient data is indicated by “#N/A” entries in each table. Also, “*#N/A” entries in each table indicate contaminated data and/or no aircraft-related noise events.

Average Single Event Noise Exposure Level (SENEL) values for Air Carrier and General Aviation Jet aircraft are shown in Tables 6 through 8.

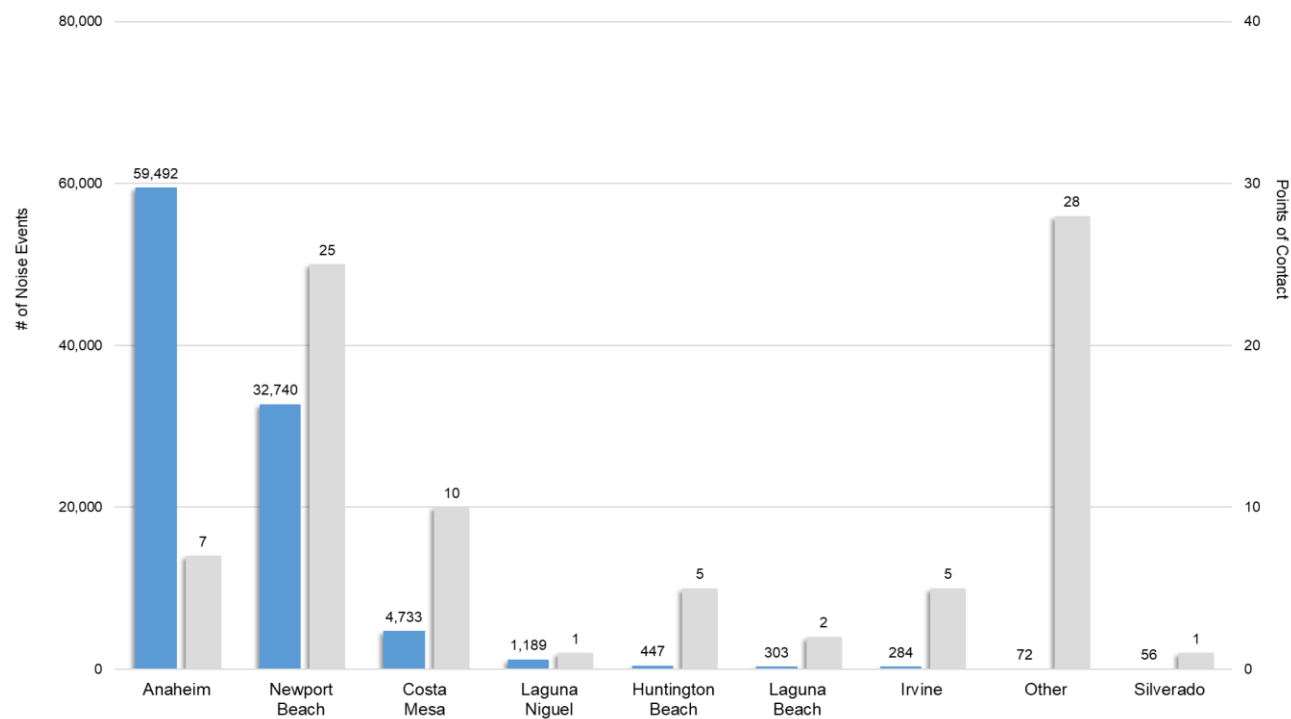
ACOUSTICAL INSULATION PROGRAM

Four hundred eighteen residences in the Santa Ana Heights area have been sound attenuated and an avigation easement reserved through the County’s Acoustical Insulation Program, which closed in December 2009. The County has also acquired 46 residences as part of the Purchase Assurance Program, many of which were acoustically insulated, an avigation easement reserved and then resold. Among these County acquired homes, those located within areas designated for Business Park uses were razed, avigation easements were reserved, and the land resold for compatible Business Park uses. A total of 464 residences in the Santa Ana Heights area have been purchased or otherwise made compatible through the County’s Purchase Assurance and Acoustical Insulation Programs. Seventy dwelling units in Santa Ana Heights remain in the “Noise Impacted Area” (within 65 dB CNEL contour).

COMPLAINT TOTALS (July 1, 2025 - September 30, 2025)

The Airport's Access and Noise Office receives and investigates noise complaints (noise events) from local citizens and all other sources. Figures 3.1, 3.2, and 3.3 illustrate the distribution of reported noise events from local communities, the nature of disturbance, and the method of how the noise events were reported to the Airport.

FIGURE 3.1
REPORTED NOISE EVENTS
99,316 Noise Events | 84 Points of Contact
July 1, 2025 to September 30, 2025



NOTE: The 99,316 Noise Events was a 70.3% decrease for the 334,555 Noise Events from last quarter, and a 50.6% decrease from the 201,119 Noise Events from the same quarter last year.

FIGURE 3.2
NATURE OF DISTURBANCES

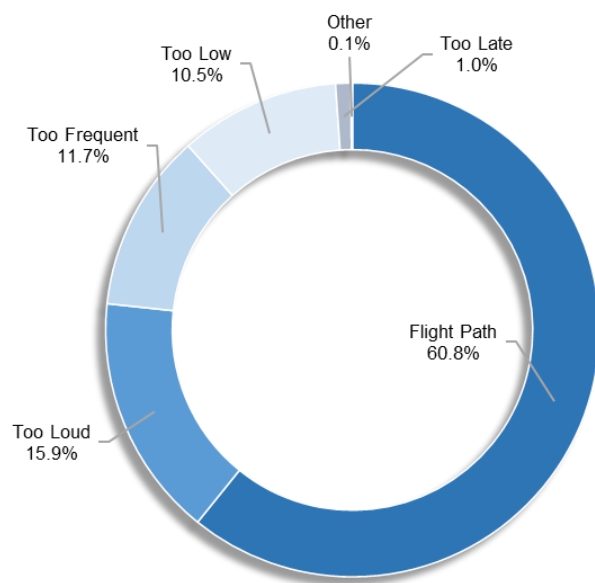


FIGURE 3.3
ENQUIRY METHOD

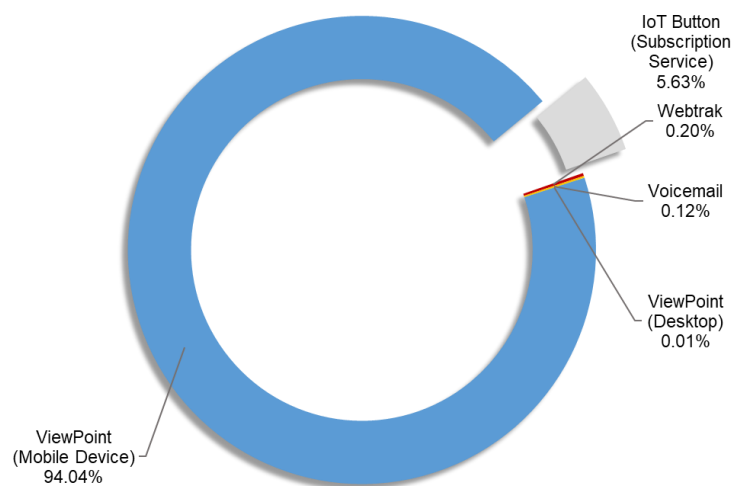


TABLE 2
LONG TERM MEASURED LEVELS
Aircraft CNEL from 10/01/24 through 09/30/25
Values in dB at Each Site

Period	NMS Site									
	1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
Oct 2024	67.6	66.7	66.6	59.5	58.8	59.5	55.8	67.9	40.1	57.5
# Days	31	31	31	31	31	31	31	31	27	31
Nov 2024	67.1	66.2	66.2	59.3	58.7	59.7	55.9	67.7	42.3	57.0
# Days	30	30	30	30	30	29	30	30	25	30
Dec 2024	67.6	66.4	66.6	59.7	58.9	60.3	56.1	67.8	45.2	57.2
# Days	31	31	31	31	31	30	27	31	19	31
Q-4 2024	67.4	66.4	66.5	59.5	58.8	59.9	56.0	67.8	42.7	57.2
# Days	92	92	92	92	92	90	88	92	71	92
Jan 2025	65.8	64.6	65.9	58.2	57.5	60.3	54.4	66.2	41.8	55.6
# Days	31	31	31	31	31	31	31	31	25	31
Feb 2025	67.5	66.4	66.4	59.9	59.3	59.8	56.0	68.0	42.4	57.8
# Days	28	28	28	28	28	28	27	28	19	28
Mar 2025	67.9	67.0	66.7	60.5	59.9	60.0	57.4	68.6	43.5	58.5
# Days	31	31	31	31	31	31	31	31	22	31
Q-1 2025	67.2	66.1	66.3	59.6	59.0	60.1	56.1	67.7	42.6	57.4
# Days	90	90	90	90	90	90	89	90	66	90
Apr 2025	67.5	66.9	66.4	60.1	59.4	59.8	56.9	68.3	44.4	58.2
# Days	30	30	30	30	30	30	30	30	26	30
May 2025	67.7	67.0	66.5	60.3	59.1	59.5	56.9	68.5	41.7	58.3
# Days	31	31	31	31	31	31	31	31	19	31
Jun 2025	68.1	67.4	67.1	60.4	59.4	60.6	56.6	68.8	44.3	57.9
# Days	30	30	30	30	30	30	30	30	22	30
Q-2 2025	67.8	67.1	66.7	60.3	59.3	60.0	56.8	68.6	43.8	58.2
# Days	91	91	91	91	91	91	91	91	67	91
Jul 2025	68.2	67.4	66.9	60.4	59.6	60.7	56.7	68.8	43.6	58.1
# Days	31	31	31	31	31	31	31	31	17	31
Aug 2025	67.7	66.7	66.6	59.4	58.4	59.6	55.4	68.1	44.1	57.4
# Days	31	31	31	31	31	31	31	31	12	31
Sep 2025	67.7	66.6	66.4	58.6	58.4	59.5	55.5	67.7	39.9	57.3
# Days	30	30	30	30	30	30	30	30	15	30
Q-3 2025	67.9	66.9	66.6	59.5	58.8	60.0	55.9	68.2	42.9	57.6
# Days	92	92	92	92	92	92	92	92	44	92
Q-4 2024 thru Q-3 2025										
Total	67.6	66.7	66.5	59.7	59.0	60.0	56.2	68.1	43.0	57.6
# Days	365	365	365	365	365	363	360	365	248	365
Q-3 2024 thru Q-2 2025 (Previous 4 Quarters)										
Total	67.5	66.6	66.5	59.8	59.0	59.9	56.1	68.0	43.3	57.5
# Days	365	365	365	365	365	361	360	364	285	365
Change from Previous 4 Quarters										
	0.1	0.1	0.0	-0.1	0.0	0.1	0.1	0.1	-0.3	0.1

TABLE 3
DAILY CNEL VALUES AT EACH MONITOR STATION
July 2025

Date	NMS Site									
	1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
1	67.7	66.8	66.6	59.7	59.3	60.2	56.2	68.7	35.7	57.8
2	68.2	67.3	66.9	60.3	59.3	60.4	55.9	68.9	*#N/A	57.9
3	68.6	67.6	67.2	61.5	60.1	61.6	58.1	69.9	41.9	58.7
4	66.4	65.4	65.3	58.4	57.4	58.4	55.7	65.5	44.9	55.0
5	66.9	66.2	65.9	59.1	58.3	59.2	55.2	67.3	*#N/A	56.4
6	68.8	68.4	67.6	61.2	60.2	61.1	56.6	69.5	51.0	58.3
7	68.6	68.2	67.6	61.3	60.4	61.2	56.1	69.3	*#N/A	59.1
8	67.6	67.0	66.6	59.6	59.4	60.0	55.6	67.9	37.8	57.2
9	67.6	67.2	66.2	59.3	58.8	59.5	55.2	68.1	36.9	57.5
10	68.4	67.8	67.1	60.8	59.6	60.8	57.0	69.5	45.2	58.2
11	68.3	67.4	67.2	61.3	59.7	61.4	56.9	69.5	47.3	58.7
12	67.3	66.2	66.1	59.5	58.1	59.5	55.3	67.4	*#N/A	56.2
13	69.2	68.6	68.1	61.5	60.9	62.4	58.3	69.4	31.9	58.8
14	69.0	67.9	67.6	60.6	59.7	60.7	56.0	69.4	31.9	58.3
15	67.8	66.7	66.4	60.1	58.7	59.9	55.8	67.9	*#N/A	57.6
16	68.3	67.4	66.8	61.1	59.7	60.6	56.5	68.5	36.2	58.1
17	68.7	68.1	67.4	61.0	60.2	61.3	57.3	69.7	43.9	58.8
18	68.5	67.8	67.3	61.1	60.2	61.6	58.1	69.7	*#N/A	59.0
19	67.5	66.6	65.6	59.1	58.2	59.1	54.6	67.7	48.8	57.4
20	68.5	67.4	67.3	60.9	59.8	61.1	57.4	68.9	*#N/A	58.6
21	68.6	67.6	67.3	60.9	59.7	61.0	56.7	69.1	*#N/A	58.8
22	67.8	67.1	66.6	60.5	59.7	61.0	57.1	68.4	*#N/A	57.6
23	68.1	67.5	66.9	59.8	59.8	60.8	57.1	68.4	*#N/A	58.0
24	68.1	67.5	66.8	60.3	59.9	60.9	56.7	69.3	30.5	58.7
25	68.6	67.9	67.1	60.1	60.1	61.1	57.6	68.9	39.1	58.8
26	67.1	66.5	65.9	59.3	58.7	59.9	56.5	68.1	*#N/A	57.5
27	68.5	67.9	67.5	60.8	60.4	61.4	57.8	69.6	27.5	59.0
28	68.7	67.9	67.6	61.1	60.3	61.3	57.2	69.1	*#N/A	58.2
29	67.9	66.9	66.7	59.5	59.1	60.2	56.1	68.2	*#N/A	56.4
30	68.2	67.1	66.7	59.5	58.9	60.5	56.1	68.5	33.1	58.2
31	69.1	68.2	67.6	60.9	59.9	61.2	56.5	69.7	*#N/A	59.3
Days	31	31	31	31	31	31	31	31	17	31
En. Avg	68.2	67.4	66.9	60.4	59.6	60.7	56.7	68.8	43.6	58.1

#N/A indicates insufficient data.

*#N/A indicates contaminated data and/or no aircraft-related noise events.

TABLE 4
DAILY CNEL VALUES AT EACH MONITOR STATION
August 2025

Date	NMS Site									
	1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
1	68.9	68.0	67.6	60.8	59.8	59.7	56.6	69.9	*#N/A	59.3
2	67.4	65.5	66.1	59.0	58.1	59.7	55.0	67.6	*#N/A	56.6
3	68.8	67.4	67.7	60.7	59.8	61.1	57.3	69.1	*#N/A	58.2
4	68.2	66.6	66.9	60.7	59.5	61.0	56.8	69.1	34.6	58.7
5	67.3	66.0	66.3	59.5	58.6	59.8	55.5	67.7	28.8	57.0
6	67.2	66.0	66.3	58.3	58.3	59.3	54.9	67.1	40.8	56.1
7	68.6	67.9	67.6	59.2	58.9	59.7	55.5	68.3	*#N/A	57.0
8	68.3	67.3	67.1	60.2	59.2	60.4	55.9	68.7	34.2	57.9
9	67.0	66.4	65.9	58.1	58.1	59.2	54.2	66.9	*#N/A	56.0
10	68.7	67.7	67.5	60.3	59.4	60.5	56.0	69.6	*#N/A	58.9
11	67.9	66.9	66.8	60.5	58.9	60.4	55.9	68.3	*#N/A	57.8
12	67.4	66.2	66.1	59.0	57.7	59.3	54.6	67.8	*#N/A	57.1
13	67.5	66.1	66.5	59.2	58.2	59.6	54.7	67.7	*#N/A	57.3
14	68.4	67.4	67.0	59.6	58.4	59.7	54.2	69.4	*#N/A	59.2
15	68.0	67.0	66.9	61.0	59.3	61.1	56.7	68.8	*#N/A	58.6
16	66.9	65.9	65.6	59.0	58.4	59.5	55.4	66.9	*#N/A	56.5
17	68.7	67.8	67.4	60.4	59.6	60.9	56.7	68.9	*#N/A	58.3
18	67.8	66.7	66.6	59.7	58.7	58.8	55.8	68.2	*#N/A	57.6
19	66.9	66.0	66.0	58.3	58.0	57.6	54.9	66.9	*#N/A	56.3
20	67.1	66.4	66.1	58.3	57.8	58.9	54.1	66.7	*#N/A	56.2
21	68.1	67.2	67.1	58.8	58.2	59.0	54.2	68.1	39.6	57.0
22	67.5	66.3	66.3	58.5	57.4	58.7	53.3	68.3	*#N/A	57.1
23	65.7	64.6	64.8	57.2	56.5	58.4	53.4	66.7	47.6	55.3
24	68.4	67.8	67.2	59.7	59.2	60.4	56.5	69.2	*#N/A	58.9
25	67.7	66.8	66.8	59.8	58.6	59.8	55.4	68.1	35.1	57.9
26	66.6	65.6	65.3	58.2	56.9	58.1	52.9	67.0	37.3	56.6
27	67.1	66.0	65.9	57.8	56.8	59.1	54.5	67.1	51.9	56.2
28	68.5	67.6	67.3	59.8	58.0	59.9	55.7	68.5	41.7	57.8
29	67.9	67.3	66.6	58.9	57.6	59.3	55.9	67.7	*#N/A	57.0
30	66.4	65.6	65.2	57.6	57.2	58.0	54.2	65.6	41.7	55.1
31	67.1	66.6	66.0	58.5	58.2	59.1	55.4	67.2	44.9	56.3
Days	31	31	31	31	31	31	31	31	12	31
En. Avg	67.7	66.7	66.6	59.4	58.4	59.6	55.4	68.1	44.1	57.4

#N/A indicates insufficient data.

*#N/A indicates contaminated data and/or no aircraft-related noise events.

TABLE 5
DAILY CNEL VALUES AT EACH MONITOR STATION
September 2025

Date	NMS Site									
	1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
1	68.2	67.6	67.3	59.2	58.9	60.2	55.9	68.3	*#N/A	57.7
2	67.0	66.3	66.0	57.9	57.4	58.5	54.6	66.4	34.0	55.5
3	66.1	65.1	65.2	57.4	56.8	57.7	54.0	66.7	*#N/A	56.2
4	67.5	66.7	66.3	59.0	58.6	59.5	54.8	68.1	44.3	57.6
5	67.6	66.8	66.3	57.8	57.8	57.7	52.3	68.5	32.4	57.5
6	65.9	65.2	65.1	57.1	56.6	57.5	52.9	66.3	*#N/A	55.4
7	67.8	67.1	66.9	58.8	58.2	59.3	54.0	68.6	*#N/A	57.6
8	67.5	66.5	66.5	58.6	58.5	59.2	54.8	67.2	*#N/A	56.8
9	66.5	65.6	65.4	58.2	57.9	59.1	54.9	67.0	28.7	56.7
10	67.2	66.1	65.7	58.9	58.4	59.6	56.2	67.5	*#N/A	57.7
11	68.3	67.2	67.0	59.7	59.6	60.6	56.8	68.5	39.8	58.5
12	68.4	66.9	66.7	60.0	59.0	60.6	57.0	68.3	32.0	58.2
13	66.7	65.2	64.8	58.2	57.5	59.4	54.9	66.0	*#N/A	55.9
14	68.7	67.5	67.3	59.6	58.9	60.3	55.8	68.8	41.1	58.2
15	68.0	66.9	66.8	58.7	58.5	59.9	55.0	67.6	38.1	57.4
16	66.8	65.4	65.4	56.9	56.7	56.4	53.2	66.4	35.1	56.0
17	67.5	66.2	66.0	57.8	57.8	57.4	55.0	67.1	44.6	57.0
18	68.8	67.4	67.5	59.6	59.3	60.9	56.8	68.8	*#N/A	58.2
19	68.1	67.1	66.8	58.7	59.2	60.6	56.3	68.4	40.6	58.5
20	66.9	65.9	65.6	55.2	57.9	59.1	55.4	66.0	*#N/A	55.5
21	68.7	67.3	66.9	58.8	58.7	60.2	56.4	68.8	36.2	58.1
22	68.4	67.1	67.1	57.0	59.2	60.4	56.6	67.9	*#N/A	57.7
23	66.4	65.7	65.4	57.3	57.2	57.8	54.2	66.4	*#N/A	56.1
24	67.7	66.6	66.3	57.2	58.3	59.7	55.6	66.9	*#N/A	56.1
25	68.5	67.2	66.9	58.8	58.7	59.7	55.5	68.6	31.8	57.4
26	68.6	66.9	66.9	60.5	58.9	60.7	56.8	68.0	45.2	58.5
27	67.1	65.5	65.5	59.0	57.9	59.1	56.1	66.3	32.3	56.3
28	68.6	67.4	67.0	60.1	59.5	60.7	56.9	68.6	*#N/A	58.2
29	68.2	67.0	66.9	59.3	59.6	60.5	56.6	68.1	*#N/A	58.1
30	67.4	66.1	66.0	59.0	58.5	59.5	56.0	66.7	*#N/A	57.0
Days	30	30	30	30	30	30	30	30	15	30
En. Avg	67.7	66.6	66.4	58.6	58.4	59.5	55.5	67.7	39.9	57.3

#N/A indicates insufficient data.

*#N/A indicates contaminated data and/or no aircraft-related noise events.

TABLE 6
MEASURED AVERAGE SINGLE EVENT NOISE EXPOSURE LEVELS
Commercial Class A
July - September 2025

Carrier	AC Type	# Deps		NMS Site									
				1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
Air Canada	B38M	88	Average Count	92.4 (87)	91.7 (79)	92.5 (86)	85.0 (83)	84.0 (84)	84.9 (79)	80.2 (68)	#N/A (0)	#N/A (0)	#N/A (0)
Alaska	B38M	93	Average Count	92.6 (93)	91.6 (91)	91.0 (93)	84.0 (90)	83.5 (91)	85.8 (87)	82.7 (87)	#N/A (0)	#N/A (0)	#N/A (0)
	B737	5	Average Count	95.9 (5)	95.4 (5)	94.7 (5)	88.0 (5)	88.8 (5)	89.5 (5)	85.6 (5)	#N/A (0)	#N/A (0)	#N/A (0)
	B738	1026	Average Count	98.3 (1016)	97.0 (976)	95.6 (1013)	89.0 (957)	88.8 (1008)	90.0 (968)	86.6 (1011)	95.4 (3)	88.2 (2)	85.7 (1)
Allegiant	A319	42	Average Count	94.2 (42)	93.3 (41)	93.0 (41)	87.8 (40)	86.1 (42)	87.4 (41)	82.4 (42)	#N/A (0)	#N/A (0)	#N/A (0)
	A320	236	Average Count	95.1 (232)	94.2 (221)	92.5 (228)	87.3 (221)	85.8 (232)	87.3 (225)	83.0 (227)	87.1 (1)	#N/A (0)	#N/A (0)
American	A21N	10	Average Count	90.7 (9)	90.1 (10)	88.9 (10)	82.7 (8)	80.4 (8)	82.1 (9)	79.6 (1)	#N/A (0)	#N/A (0)	#N/A (0)
	A319	1	Average Count	93.4 (1)	#N/A (0)	90.8 (1)	83.6 (1)	81.9 (1)	83.4 (1)	#N/A (0)	#N/A (0)	#N/A (0)	#N/A (0)
	A320	55	Average Count	95.6 (54)	94.8 (51)	93.1 (53)	86.1 (46)	84.7 (53)	86.2 (46)	81.7 (51)	88.2 (1)	#N/A (0)	#N/A (0)
	A321	130	Average Count	99.0 (127)	98.5 (121)	95.9 (130)	88.6 (118)	87.8 (124)	89.3 (119)	85.6 (126)	#N/A (0)	#N/A (0)	#N/A (0)
	B38M	720	Average Count	93.5 (710)	92.5 (686)	93.6 (710)	85.8 (674)	84.6 (709)	85.4 (677)	80.9 (600)	93.2 (3)	84.5 (2)	#N/A (0)
	B738	511	Average Count	99.3 (501)	98.2 (463)	98.7 (499)	91.5 (466)	90.0 (495)	89.9 (454)	86.4 (490)	98.2 (6)	87.2 (4)	83.0 (4)
Breeze	A223	278	Average Count	88.7 (278)	89.0 (262)	87.3 (275)	81.6 (254)	80.9 (253)	81.8 (256)	78.2 (84)	#N/A (0)	#N/A (0)	#N/A (0)
Delta	A220	381	Average Count	88.8 (380)	89.0 (365)	88.5 (380)	81.1 (350)	79.3 (286)	80.7 (347)	78.6 (43)	#N/A (0)	#N/A (0)	#N/A (0)
	A223	118	Average Count	90.6 (108)	90.3 (103)	90.4 (107)	81.8 (99)	80.4 (87)	81.2 (99)	78.4 (23)	89.2 (10)	81.0 (6)	#N/A (0)
	A319	42	Average Count	95.8 (41)	95.1 (33)	95.1 (41)	88.8 (41)	86.8 (42)	87.0 (38)	82.1 (40)	#N/A (0)	#N/A (0)	#N/A (0)
	B738	3	Average Count	96.7 (3)	96.1 (3)	96.2 (3)	89.5 (3)	88.0 (3)	87.8 (2)	84.8 (3)	#N/A (0)	#N/A (0)	#N/A (0)
	B752	393	Average Count	96.4 (388)	96.0 (375)	95.9 (388)	88.4 (367)	87.7 (380)	87.4 (360)	83.5 (381)	#N/A (0)	#N/A (0)	80.7 (1)
FedEx	A306	60	Average Count	97.4 (60)	97.0 (57)	94.5 (60)	88.6 (58)	88.0 (60)	89.4 (59)	85.4 (60)	#N/A (0)	#N/A (0)	#N/A (0)
Frontier	A20N	235	Average Count	88.2 (232)	88.4 (219)	87.7 (232)	81.5 (208)	79.1 (141)	82.1 (205)	79.2 (87)	#N/A (0)	#N/A (0)	#N/A (0)
	A320	18	Average Count	94.8 (18)	94.3 (16)	92.2 (18)	86.0 (18)	84.4 (16)	86.3 (18)	83.2 (16)	#N/A (0)	#N/A (0)	#N/A (0)
Horizon	E175	182	Average Count	94.1 (182)	93.0 (178)	90.9 (177)	84.7 (173)	84.4 (182)	87.1 (176)	83.5 (179)	#N/A (0)	#N/A (0)	#N/A (0)
Southwest	B38M	161	Average Count	89.8 (158)	89.1 (156)	87.7 (158)	80.6 (127)	81.0 (146)	82.9 (145)	79.5 (101)	88.1 (1)	#N/A (0)	#N/A (0)
	B737	1566	Average Count	92.9 (1557)	92.3 (1487)	90.4 (1544)	84.9 (1479)	84.8 (1537)	85.9 (1478)	82.6 (1499)	#N/A (0)	#N/A (0)	#N/A (0)
	B738	10	Average Count	94.5 (10)	93.5 (9)	90.4 (10)	83.5 (9)	84.5 (10)	85.5 (9)	82.7 (10)	#N/A (0)	#N/A (0)	#N/A (0)
Spirit	A20N	187	Average Count	88.6 (186)	88.2 (183)	88.0 (186)	82.2 (179)	80.4 (142)	82.3 (180)	78.9 (81)	#N/A (0)	#N/A (0)	#N/A (0)
	A320	78	Average Count	93.1 (78)	92.7 (75)	90.7 (78)	85.6 (74)	83.9 (77)	85.4 (75)	81.1 (67)	#N/A (0)	#N/A (0)	#N/A (0)

TABLE 6 (Continued)
MEASURED AVERAGE SINGLE EVENT NOISE EXPOSURE LEVELS
Commercial Class A
July - September 2025

Carrier	AC Type	# Deps		NMS Site									
				1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
United	A319	75	Average Count	94.5 (75)	93.4 (75)	93.3 (74)	86.5 (73)	84.8 (75)	85.8 (74)	81.2 (63)	#N/A (0)	#N/A (0)	#N/A (0)
	A320	126	Average Count	95.5 (125)	95.0 (119)	94.5 (125)	86.9 (124)	85.6 (125)	86.1 (124)	82.1 (117)	#N/A (0)	#N/A (0)	#N/A (0)
	B38M	703	Average Count	93.1 (692)	91.9 (669)	93.2 (694)	84.7 (658)	84.4 (690)	85.6 (659)	80.9 (650)	#N/A (0)	#N/A (0)	#N/A (0)
	B737	425	Average Count	97.6 (421)	95.8 (399)	97.2 (420)	90.2 (404)	90.2 (413)	90.7 (400)	86.5 (410)	95.6 (2)	88.3 (2)	#N/A (0)
	B738	228	Average Count	99.0 (219)	97.3 (215)	98.2 (225)	90.1 (204)	89.2 (221)	90.0 (209)	86.5 (218)	94.2 (2)	89.7 (1)	#N/A (0)
UPS	B752	52	Average Count	95.6 (52)	95.4 (50)	93.9 (52)	86.9 (52)	86.3 (52)	87.5 (52)	82.8 (51)	#N/A (0)	#N/A (0)	#N/A (0)
WestJet	B38M	10	Average Count	92.5 (10)	91.6 (9)	92.5 (10)	84.9 (10)	84.5 (10)	86.3 (9)	81.8 (10)	#N/A (0)	#N/A (0)	#N/A (0)
	B737	42	Average Count	96.2 (42)	95.0 (42)	95.4 (42)	89.8 (40)	88.9 (40)	90.1 (42)	85.1 (41)	#N/A (0)	#N/A (0)	#N/A (0)

TABLE 7
MEASURED AVERAGE SINGLE EVENT NOISE EXPOSURE LEVELS
Commercial Class E
July - September 2025

Carrier	AC Type	# Deps		NMS Site									
				1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
American	A21N	235	Average Count	90.9 (234)	90.6 (216)	89.1 (233)	82.5 (221)	80.8 (203)	82.6 (216)	78.9 (61)	#N/A (0)	#N/A (0)	#N/A (0)
Delta	A220	265	Average Count	88.4 (263)	88.8 (253)	87.7 (263)	80.3 (228)	78.9 (160)	79.9 (218)	77.5 (6)	#N/A (0)	#N/A (0)	#N/A (0)
	A223	25	Average Count	90.2 (25)	90.1 (24)	89.3 (24)	81.7 (21)	80.0 (16)	80.5 (23)	77.2 (4)	#N/A (0)	#N/A (0)	#N/A (0)
SkyWest Coml.	E175	1086	Average Count	91.3 (1069)	90.8 (1007)	89.4 (1069)	84.6 (1016)	83.6 (1069)	86.0 (1005)	82.3 (1050)	89.8 (2)	#N/A (0)	#N/A (0)
Southwest	B38M	1252	Average Count	90.0 (1233)	89.2 (1215)	88.0 (1241)	80.7 (1083)	81.1 (1121)	83.2 (1167)	79.8 (793)	88.2 (2)	#N/A (0)	#N/A (0)
	B737	928	Average Count	92.0 (922)	91.8 (866)	89.9 (917)	84.9 (903)	84.5 (923)	85.5 (900)	82.3 (890)	#N/A (0)	#N/A (0)	#N/A (0)
Spirit	A20N	23	Average Count	88.1 (23)	88.2 (22)	87.5 (23)	82.4 (23)	80.2 (21)	82.1 (23)	79.2 (9)	#N/A (0)	#N/A (0)	#N/A (0)

TABLE 8
MEASURED AVERAGE SINGLE EVENT NOISE EXPOSURE LEVELS
Commuter
July - September 2025

Carrier	AC Type	# Deps		NMS Site									
				1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
Delux Public Charters	E135	415	Average Count	86.4 (413)	86.6 (394)	87.0 (405)	79.9 (289)	78.1 (44)	79.8 (264)	80.1 (3)	85.4 (1)	#N/A (0)	#N/A (0)
	E145	401	Average Count	87.3 (395)	87.8 (381)	87.7 (396)	79.8 (229)	78.4 (37)	79.5 (246)	83.5 (2)	85.4 (1)	#N/A (0)	#N/A (0)
SkyWest	CRJ7	86	Average Count	88.3 (84)	87.9 (81)	86.9 (86)	80.7 (39)	80.6 (53)	82.0 (80)	80.2 (69)	#N/A (0)	#N/A (0)	#N/A (0)
	E175	250	Average Count	90.9 (246)	90.6 (232)	88.9 (246)	84.4 (235)	83.2 (247)	85.3 (234)	82.2 (241)	#N/A (0)	#N/A (0)	#N/A (0)

TABLE 8-GA
MEASURED AVERAGE SINGLE EVENT NOISE EXPOSURE LEVELS
General Aviation
July - September 2025

Carrier	AC Type	# Deps		NMS Site									
				1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
General Aviation	Jet	5681	Average Count	87.9 (5478)	87.6 (5205)	88.7 (5366)	82.0 (2998)	81.8 (2044)	82.9 (3280)	81.5 (997)	85.5 (24)	81.9 (3)	79.5 (4)

TABLE 9
AIR CARRIER OPERATIONAL HISTORY

Carrier		AC Type	Year				
			2021	2022	2023	2024	2025
Air Canada	AC	A223	102	192			
		B38M	6	494	730	728	530
Alaska	AS	A320	4,038	3,888	70		
		B38M				310	378
		B737	24	116	784	300	60
		B738	1,327	2,728	7,088	7,545	5,990
Allegiant	G4	A319	1,076	676	418	596	307
		A320	488	1,399	1,591	1,561	1,388
American	AA	A21N	88	51	974	2,648	1,532
		A319	220	498	1,320	420	8
		A320	783	478	660	332	204
		A321	1,035	1,099	1,255	1,072	668
		B38M	17	1,755	1,834	2,666	4,200
		B738	8,144	8,517	7,049	5,899	3,350
Breeze	MX	A223			1,326	2,060	1,602
		E190			186	68	
		E195			120		
Delta	DL	A220	4,036	3,048	4,420	5,413	3,893
		A223	4	1,934	2,181	1,456	605
		A319	952	2,071	202	148	132
		A320	3	532	24		10
		B738	12	58	84	56	27
		B752	1,423	2,010	2,654	2,578	2,094
FedEx	FM	A306	502	498	496	492	364
Frontier	F9	A20N	1,363	1,818	2,600	2,028	1,466
		A319	88				
		A320	361	310	230	158	90
Horizon	QX	E175	3,293	1,256	1,648	1,180	1,686
SkyWest Coml.	SC	E175	3,711	5,446	7,168	7,250	5,639
Southwest	WN	B38M	683	4,038	116	26	2,869
		B737	22,212	31,166	31,486	30,134	19,639
		B738	7,738	1,720	41	24	26
Spirit	NK	A20N	1,735	2,220	1,492	872	1,577
		A319	250	158	2		
		A320	346	1,132	1,303	1,546	317
Sun Country	SY	B737	238	8			
		B738	24	2			
United	UA	A319	819	1,047	772	595	392
		A320	1,020	2,054	1,474	1,656	1,042
		B38M			210	3,062	3,538
		B737	2,622	4,116	2,721	3,270	2,574
		B738	2,946	5,685	7,377	3,483	1,654
		B752	2				
UPS	5X	A306	18	48	38	18	
		B752	392	362	372	398	300
WestJet	WS	B38M				128	77
		B737	112	632	704	584	321
Total			74,253	95,260	95,220	92,760	70,549

TABLE 10
AIRCRAFT OPERATIONAL HISTORY

Aircraft	Year				
	2021	2022	2023	2024	2025
A20N	3,098	4,038	4,092	2,900	3,043
A21N	88	51	974	2,648	1,532
A220	4,036	3,048	4,420	5,413	3,893
A223	106	2,126	3,507	3,516	2,207
A306	520	546	534	510	364
A319	3,405	4,450	2,714	1,759	839
A320	7,039	9,793	5,352	5,253	3,051
A321	1,035	1,099	1,255	1,072	668
B38M	706	6,287	2,890	6,920	11,592
B737	25,208	36,038	35,695	34,288	22,594
B738	20,191	18,710	21,639	17,007	11,047
B752	1,817	2,372	3,026	2,976	2,394
E175	7,004	6,702	8,816	8,430	7,325
E190			186	68	
E195			120		
Total	74,253	95,260	95,220	92,760	70,549

TABLE 11
AIRCRAFT TYPE DESIGNATORS

AC Type	Manufacturer	Model/Series	AC Type	Manufacturer	Model/Series
A20N	Airbus	320-200 Neo	B737	Boeing	737-700
A21N	Airbus	320-100 Neo	B738	Boeing	737-800
A220	Airbus	220-100	B752	Boeing	757-200
A223	Airbus	220-300	E135	Embraer	135
A306	Airbus	300-600	E145	Embraer	145
A319	Airbus	319	E175	Embraer	175
A320	Airbus	320	E190	Embraer	190
A321	Airbus	321	E195	Embraer	195
B38M	Boeing	737-MAX 8			

TABLE 12
AIR CARRIER AVERAGE DAILY DEPARTURE HISTORY

Carrier		AC Type	Year				
			2021	2022	2023	2024	2025
Air Canada	AC	A223	.140	.263			
		B38M	.008	.677	1.000	.992	.726
Alaska	AS	A320	5.534	5.326	.096		
		B38M				.423	.518
		B737	.033	.159	1.074	.410	.082
		B738	1.816	3.734	9.707	10.309	8.205
Allegiant	G4	A319	1.474	.926	.573	.814	.419
		A320	.668	1.915	2.181	2.131	1.904
American	AA	A21N	.121	.068	1.332	3.626	2.099
		A319	.296	.682	1.808	.574	.011
		A320	1.082	.655	.904	.454	.279
		A321	1.414	1.507	1.721	1.456	.915
		B38M	.022	2.403	2.518	3.642	5.751
		B738	11.156	11.666	9.655	8.055	4.592
Breeze	MX	A223			1.816	2.814	2.195
		E190			.255	.093	
		E195			.164		
Delta	DL	A220	5.529	4.175	6.052	7.393	5.340
		A223	.005	2.649	2.986	1.992	.827
		A319	1.304	2.836	.279	.202	.181
		A320	.003	.729	.033		.014
		B738	.016	.079	.115	.077	.036
		B752	1.948	2.753	3.638	3.522	2.866
FedEx	FM	A306	.688	.682	.679	.672	.499
Frontier	F9	A20N	1.866	2.490	3.562	2.770	2.008
		A319	.121				
		A320	.496	.425	.315	.216	.123
Horizon	QX	E175	4.512	1.721	2.258	1.612	2.310
SkyWest Coml.	SC	E175	5.085	7.460	9.816	9.904	7.721
Southwest	WN	B38M	.937	5.532	.162	.036	3.923
		B737	30.416	42.693	43.132	41.167	26.910
		B738	10.605	2.353	.055	.033	.036
Spirit	NK	A20N	2.381	3.041	2.038	1.191	2.159
		A319	.342	.216	.003		
		A320	.471	1.551	1.789	2.112	.436
Sun Country	SY	B737	.326	.011			
		B738	.033	.003			
United	UA	A319	1.123	1.433	1.058	.814	.537
		A320	1.397	2.814	2.019	2.262	1.427
		B38M			.293	4.180	4.847
		B737	3.589	5.644	3.726	4.467	3.529
		B738	4.036	7.786	10.099	4.760	2.263
		B752	.003				
UPS	5X	A306	.025	.066	.052	.025	
		B752	.537	.496	.510	.544	.411
WestJet	WS	B38M				.175	.104
		B737	.153	.866	.964	.798	.441
Total			101.712	130.485	130.436	126.716	96.641

QUARTERLY NOISE MEETING

Date: September 24, 2025

Time: 2:00 PM

Place: Virtual (Zoom)

ITEMS DISCUSSED

Mr. Nikolas Gaskins, Access and Noise Office (“ANO”) Manager provided an introduction briefly describing the topics that would be discussed during the Quarterly Noise Meeting.

A summary of the John Wayne Airport (“JWA”) August 2025 airport statistics was provided by Mr. Anthony Cangey, ANO Specialist, highlighting a 9.2% year-to-year passenger increase. Ms. Cristina Fimbres, ANO Specialist, then provided an overview of the Quarterly Noise Report for the 2nd Quarter of 2025.

Mr. Gaskins provided a Plan Year 2025 Plan Year Capacity update highlighting the projected 2025 million annual passengers (“MAP”) of 11,253,134. In addition, Mr. Gaskins provided an updated timeline for the approval of the 2026 Plan Year Capacity Allocations by the Orange County Board of Supervisors. Lastly, Mr. Gaskins provided an update regarding the Environmental Impact Report mitigation measure LU-2, which determines if the Airport will increase to 12.5 MAP, effective January 1, 2026, if the Community Noise Equivalent Level (“CNEL”) remains 1 dB or less when comparing the 2013 annual noise contour values to the 2025 annual noise contour values. Mr. Gaskins stated that the Airport is closely monitoring the progress and should have results sometime in February 2026.

Irvine Resident Ms. Patti Leslie commented that the air traffic situation over her residence has recently improved. Mr. Gaskins responded that it could be due to the Airport’s outreach to the Fixed Base Operators and flight schools, as well as certain weather conditions such as low ceilings and visibility. Ms. Leslie also commented that the Mayor of Irvine contacted her, and she told him that her community has seen an improvement.

Ms. Cindy Yanez from the California Air Resources Board (CARB) stated she was attending the meeting because she was interested in learning about the Airport’s access and noise program and how the Airport addresses emissions. Mr. Gaskins requested that Ms. Yanez send an email so the Airport could provide any additional information. In addition, another attendee, Mr. Mark McIntyre, requested general information on the Airport’s access and noise program be sent to him.

QUARTERLY NOISE MEETING ROSTER
September 24, 2025

NAME

ORGANIZATION

Cindy Yanez	California Air Resources Board (CARB)
Jim Mosher	Newport Beach Resident
Patti Leslie	Irvine Resident (Central Park West)
Mark McIntyre	Unknown
Joe August	Newport Beach Resident
Nikolas Gaskins	John Wayne Airport
Anthony Cangey	John Wayne Airport
Cristina Fimbres	John Wayne Airport
Cassandra Linares	John Wayne Airport

SUMMARY OF STATISTICAL INFORMATION
FOR
CALIFORNIA DEPARTMENT OF TRANSPORTATION

1. Size of Noise Impact Area as defined in the Noise Standards (California Code of Regulations, Title 21, chapter 2.5, Subchapter 6):
0.0100 Sq. Mi.
2. Estimated Number of dwelling units included in the Noise Impact Area as defined in the Noise Standards:
70
3. Estimated number of people residing within the Noise Impact Area as defined in the Noise Standards:
175 (Based on 2.5 People/Dwelling Unit)
4. Identification of aircraft of type having highest takeoff noise level operating at this airport together with estimated number of operations by this aircraft type during the calendar quarter reporting period:
B738 – 3,562 (Arrivals + Departures)
5. Total number of aircraft operations during the calendar quarter:
87,228
6. Number of Air Carrier operations during the calendar quarter:
(Not mandatory)
26,558
7. Percentage of Air Carrier operations by aircraft certified under Federal Aviation Regulation (FAR) Part 36, Stage III:
(Not mandatory)
100%
8. Estimated number of operations by General Aviation aircraft during the calendar quarter:
(Not mandatory)
60,627
9. Estimated number of operations by Military aircraft during the calendar quarter:
(Not mandatory)
43