

# NOISE ABATEMENT PROGRAM QUARTERLY REPORT

For the period: October 1, 2023, through December 31, 2023

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:

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

#### INTRODUCTION

This is the 204<sup>th</sup> 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

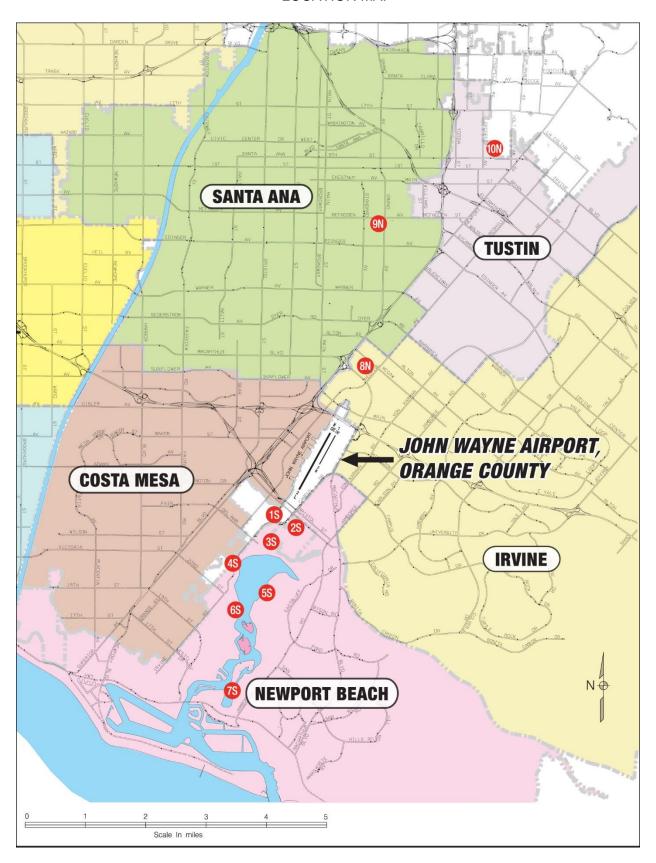
NMS-9N: 1300 S. Grand Avenue, Santa Ana

NMS-10N: 17952 Beneta Way, Tustin

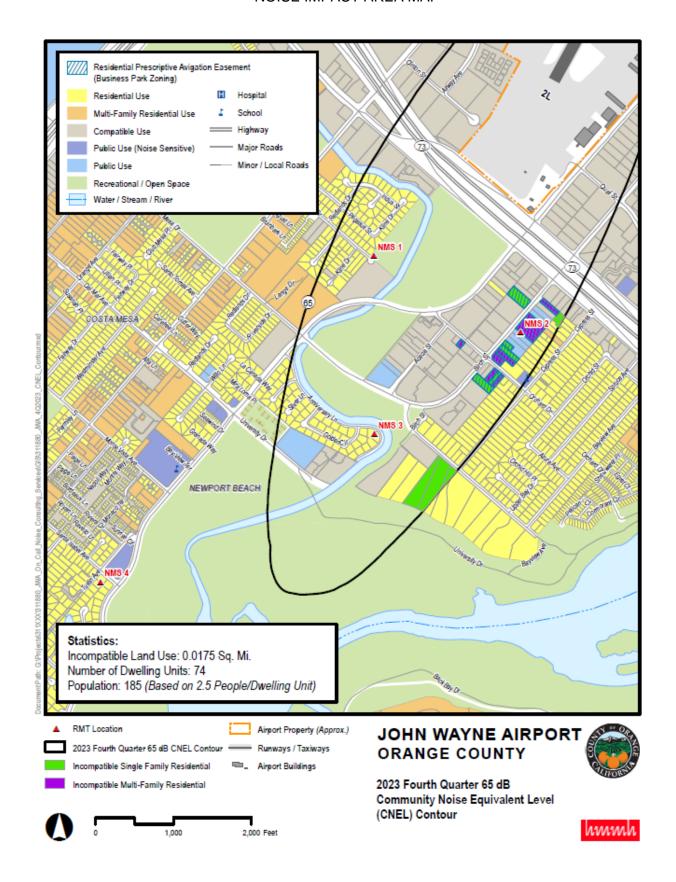
The map in Figure 1 shows the general location of each permanent remote monitor station.

Figure 2 shows the Airport's "Noise Impact Area" for the previous year (January 1, 2023 - December 31, 2023). 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 NOISE IMPACT AREA MAP



### **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
October - December 2023

Period	Carrie	ers	GA Jet (1)	Total	Average Daily
	Jet	Prop		Operations (2)	Jet Operations
October	8,510	0	4,374	25,252	416
November	8,097	0	3,740	22,839	395
December	8,091	0	3,713	22,338	381
Fourth Quarter	24,698	0	11,827	70,429	397
Twelve Months 01/01/23 - 12/31/23	100,078	0	45,558	273,175	399

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**

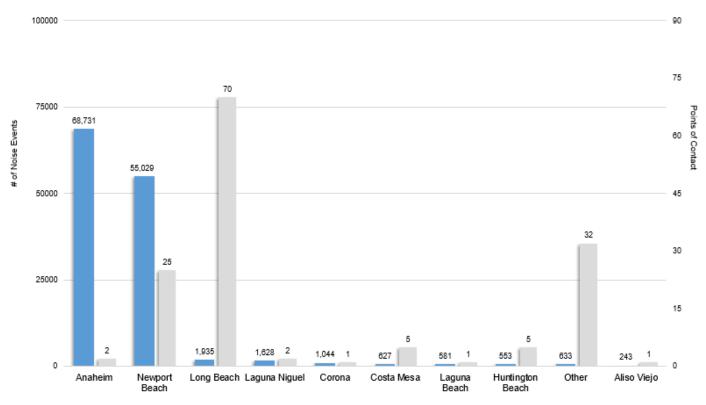
Four hundred eighteen residences in the Santa Ana Heights area have been sound attenuated and an avigation easement reserved through the County's Acoustical Insulation Program, which closed in December 2009. The County has also acquired 46 residences as part of the Purchase Assurance Program, many of 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-four dwelling units in Santa Ana Heights remain in the "Noise Impacted Area" (within 65 dB CNEL contour).

### COMPLAINT TOTALS (October 1, 2023 - December 31, 2023)

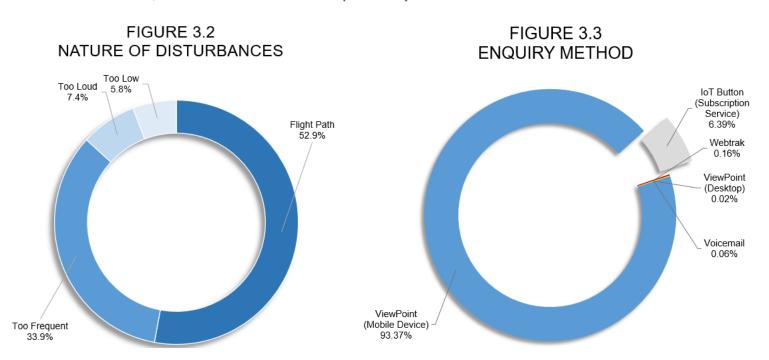
The Airport's Access and Noise Office receives and investigates noise complaints (noise events) from local citizens and all other sources. Figures 3.1, 3.2, and 3.3 illustrate the distribution of reported noise events from local communities, the nature of disturbance, and the method of how the noise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

### FIGURE 3.1 REPORTED NOISE EVENTS

131,004 Noise Events | 144 Points of Contact October 1, 2023 to December 31, 2023



NOTE: The 131,004 Noise Events was a 20.9% decrease for the 165,699 Noise Events from last quarter, and a 23.0% increase from the 106,481 Noise Events from the same quarter last year.



### TABLE 2 LONG TERM MEASURED LEVELS Aircraft CNEL from 01/01/23 through 12/31/23 Values in dB at Each Site

Period					NMS	Site				
	1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
Jan 2023	67.7	66.0	66.8	59.9	59.2	61.0	57.2	67.4	#N/A	58.3
# Days	31	31	31	31	28	31	30	31	0	31
Feb 2023	67.6	66.1	66.4	59.8	59.0	59.9	56.6	68.0	#N/A	57.8
# Days	28	28	28	28	28	28	28	28	0	28
Mar 2023	68.6	66.9	67.3	60.8	60.3	61.0	58.2	68.7	44.4	58.7
# Days	31	31	31	31	31	31	31	31	15	31
Q-1 2023	68.0	66.3	66.9	60.2	59.6	60.7	57.4	68.0	44.4	58.3
# Days	90	90	90	90	87	90	89	90	15	90
Apr 2023	68.2	67.1	67.1	60.3	59.5	60.4	57.1	68.4	41.0	57.9
# Days	30	30	30	30	30	30	30	30	22	28
May 2023	68.4	67.2	67.3	60.6	59.6	60.8	57.6	68.7	43.3	58.4
# Days	31	31	31	31	31	31	31	31	25	31
Jun 2023	68.6	67.7	67.7	61.0	60.1	61.1	57.8	69.0	43.1	58.0
# Days	30	30	30	30	30	30	30	30	25	30
Q-2 2023	68.4	67.3	67.4	60.7	59.8	60.8	57.5	68.7	42.7	58.1
# Days	91	91	91	91	91	91	91	91	72	89
Jul 2023	68.4	67.5	67.4	60.3	59.2	60.4	56.2	68.5	40.5	57.2
# Days	31	31	31	31	31	31	31	31	24	31
Aug 2023	68.4	67.5	67.5	60.2	59.3	60.5	56.4	68.4	41.2	57.1
# Days	31	31	31	31	31	31	31	31	24	31
Sep 2023	68.4	67.4	67.3	60.7	59.7	60.8	57.0	68.5	44.0	57.7
# Days	30	30	30	30	30	30	30	30	24	30
Q-3 2023	68.4	67.5	67.4	60.4	59.4	60.6	56.5	68.5	42.2	57.3
# Days	92	92	92	92	92	92	92	92	72	92
Oct 2023	68.2	67.2	67.5	60.1	59.4	60.8	57.1	68.1	43.5	57.4
# Days	31	31	31	31	31	31	29	31	22	31
Nov 2023	67.4	66.3	66.8	59.2	58.5	60.5	55.7	67.3	43.1	56.2
# Days	30	30	30	30	30	30	30	30	24	29
Dec 2023	67.5	66.4	66.6	60.0	59.3	60.1	54.8	67.7	43.1	57.3
# Days	31	31	31	31	31	31	30	31	25	30
Q-4 2023	67.7	66.7	67.0	59.8	59.1	60.5	56.0	67.7	43.3	57.0
# Days	92	92	92	92	92	92	89	92	71	90
Q-1 2023 th	ru Q-4 202	23								
Total	68.1	67.0	67.2	60.3	59.5	60.6	56.9	68.3	42.9	57.7
# Days	365	365	365	365	362	365	361	365	230	361
Q-4 2022 th	ru Q-3 202	3 (Previo	us 4 Quar	ters)						
Total	68.2	67.1	67.2	60.3	59.5	60.7	57.1	68.4	42.8	57.9
# Days	365	365	354	364	359	364	363	360	226	360
Change fro	m Previou	s 4 Quart	ers							
	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.2	-0.1	0.1	-0.2

## TABLE 3 DAILY CNEL VALUES AT EACH MONITOR STATION October 2023

Date					NMS	Site				
	1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
1	69.0	67.8	67.7	61.2	61.2	61.2	57.9	69.1	43.0	59.0
2	69.2	68.4	68.0	61.1	60.3	61.8	58.5	68.6	40.8	58.3
3	68.2	66.8	67.8	60.3	60.0	61.0	57.3	67.6	45.1	56.5
4	67.9	67.0	66.8	59.9	59.5	60.5	57.0	67.2	37.3	55.5
5	68.8	67.5	67.7	60.4	59.5	60.5	56.7	68.3	*#N/A	57.2
6	69.0	68.1	67.7	60.3	59.5	60.6	56.7	68.6	43.7	57.4
7	67.5	66.6	66.6	59.0	55.7	59.1	55.3	66.5	*#N/A	55.9
8	68.8	68.2	68.1	60.2	59.8	60.6	56.6	68.1	*#N/A	57.8
9	69.1	68.1	68.0	60.4	60.1	61.2	56.9	68.9	38.1	58.5
10	68.6	66.9	67.7	60.9	59.0	61.1	57.0	68.4	46.2	57.7
11	68.1	67.1	67.7	60.9	59.7	61.0	57.9	68.4	40.6	58.4
12	68.6	67.9	67.5	61.0	59.6	61.5	57.9	69.7	46.0	58.9
13	68.9	67.4	68.0	61.1	60.3	61.4	57.7	68.9	43.1	58.6
14	67.6	66.9	66.7	59.1	59.2	60.1	56.9	66.9	40.8	56.0
15	68.9	68.0	67.8	59.9	59.4	60.0	56.5	68.3	51.7	57.0
16	68.6	67.4	67.8	60.6	59.8	60.7	56.4	68.0	33.1	57.0
17	68.0	67.4	67.2	60.1	59.2	59.9	56.2	67.0	*#N/A	56.7
18	68.2	67.1	67.4	59.8	59.0	60.2	55.5	68.7	38.3	58.0
19	68.7	67.8	67.9	59.6	59.5	59.9	56.0	69.0	*#N/A	57.6
20	68.7	68.0	68.1	59.5	59.9	60.3	56.5	68.8	42.8	57.4
21	67.7	67.0	66.9	59.7	59.3	60.1	55.8	66.6	*#N/A	56.0
22	69.5	68.8	68.3	61.7	61.2	62.2	58.6	69.5	42.8	59.1
23	68.7	67.8	67.7	61.3	60.5	61.7	58.2	68.6	28.7	58.6
24	68.2	67.2	67.4	61.0	59.7	60.9	57.5	68.1	43.7	57.9
25	68.6	67.3	67.5	61.4	59.8	61.2	57.7	69.0	43.7	58.9
26	69.2	68.3	68.2	61.4	60.9	61.8	58.5	69.2	*#N/A	59.1
27	68.9	67.8	67.8	61.2	60.5	61.4	57.7	69.3	42.2	59.2
28	67.9	66.8	66.8	60.0	59.3	60.4	57.1	66.9	*#N/A	56.3
29	57.0	51.8	67.5	36.8	42.1	62.7	*#N/A	61.0	39.5	39.1
30	54.5	51.0	65.0	35.4	40.7	61.0	*#N/A	62.0	*#N/A	32.9
31	64.3	63.3	63.6	55.5	54.4	56.8	51.1	64.0	36.7	47.1
Days	31	31	31	31	31	31	29	31	22	31
En. Avg	68.2	67.2	67.5	60.1	59.4	60.8	57.1	68.1	43.5	57.4

#N/A indicates insufficient data.

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

## TABLE 4 DAILY CNEL VALUES AT EACH MONITOR STATION November 2023

Date					NMS	Site				
	1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
1	66.3	65.2	64.4	57.3	56.6	57.7	53.6	66.0	36.3	53.0
2	67.1	66.7	65.9	58.3	57.7	58.5	54.4	67.3	*#N/A	55.5
3	67.7	67.1	66.7	58.9	58.4	59.1	55.0	67.8	*#N/A	56.1
4	67.4	66.6	66.2	57.9	58.1	58.5	54.4	66.4	36.9	54.6
5	68.9	68.0	67.8	60.3	59.2	60.4	56.2	68.2	*#N/A	57.5
6	68.3	67.6	67.3	60.3	59.6	60.7	56.6	68.7	43.8	58.0
7	67.4	66.5	66.3	59.7	59.3	60.1	56.8	67.8	46.6	57.6
8	63.1	61.1	68.5	54.5	54.5	63.3	52.1	63.8	40.7	45.1
9	64.9	63.5	65.3	56.1	55.4	60.0	52.6	66.4	35.9	51.2
10	67.6	66.8	66.2	58.6	57.7	58.7	54.1	67.5	42.9	55.3
11	66.5	65.7	65.4	57.1	56.7	57.5	53.1	65.3	33.8	51.8
12	67.0	66.0	65.7	58.5	57.0	58.7	54.8	67.6	42.9	54.6
13	68.0	66.7	66.5	59.9	58.3	59.5	55.6	67.8	44.9	56.5
14	67.2	66.0	65.9	59.3	58.2	59.4	55.5	66.7	*#N/A	55.8
15	68.8	66.5	67.5	61.3	59.9	60.9	58.2	68.9	46.3	59.0
16	69.3	68.2	68.1	61.6	60.9	61.8	58.5	69.2	42.1	59.0
17	69.2	67.8	67.9	61.6	60.6	61.5	55.8	69.4	45.9	58.7
18	68.2	66.7	66.5	60.3	59.3	60.4	57.0	67.6	38.3	56.9
19	68.8	67.8	67.3	60.7	60.4	61.3	58.2	69.5	48.2	58.8
20	58.0	54.5	67.3	42.7	50.5	62.8	38.3	62.1	*#N/A	*#N/A
21	64.3	62.8	67.4	54.5	55.1	62.7	50.4	64.8	41.4	48.8
22	68.0	67.2	66.7	59.3	58.9	59.6	56.6	67.2	46.1	55.6
23	64.6	63.2	62.5	57.0	54.9	56.3	53.3	63.9	*#N/A	53.5
24	68.0	66.9	66.5	60.7	59.6	60.7	55.9	67.4	45.0	57.4
25	68.7	67.4	67.2	60.9	59.6	60.7	55.9	67.6	40.9	55.6
26	63.6	62.2	68.6	54.5	55.9	64.0	49.6	64.5	38.6	47.1
27	68.1	66.8	66.9	59.7	58.8	59.7	56.9	67.8	37.8	55.8
28	67.7	66.7	66.4	59.5	59.0	59.4	57.3	67.4	44.6	56.9
29	67.4	66.7	66.4	59.8	59.6	60.2	57.9	67.5	38.0	57.4
30	68.3	66.9	67.0	61.3	60.2	61.2	58.4	68.4	40.4	58.5
Days	30	30	30	30	30	30	30	30	24	29
En. Avg	67.4	66.3	66.8	59.2	58.5	60.5	55.7	67.3	43.1	56.2

#N/A indicates insufficient data.

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

## TABLE 5 DAILY CNEL VALUES AT EACH MONITOR STATION December 2023

Date					NMS	Site				
	1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
1	68.2	67.2	67.2	60.6	60.2	60.4	56.3	68.0	46.2	57.9
2	66.9	65.9	65.8	59.5	58.5	59.4	53.5	66.4	*#N/A	56.0
3	68.2	67.4	67.2	60.5	60.0	60.8	52.8	67.6	*#N/A	57.1
4	68.2	66.9	67.4	60.4	59.6	60.7	55.9	67.0	38.5	56.5
5	67.1	66.1	65.9	58.8	58.0	59.1	55.6	66.1	42.6	55.4
6	67.3	66.7	66.7	59.9	59.5	60.0	57.3	67.5	40.9	56.9
7	68.2	67.2	67.3	60.7	60.2	60.8	55.7	68.6	41.2	58.7
8	68.7	67.6	67.9	61.3	60.6	61.3	57.8	67.9	*#N/A	57.3
9	54.7	51.2	64.1	37.3	45.5	60.3	*#N/A	61.7	*#N/A	*#N/A
10	66.6	65.7	65.2	56.4	55.7	56.8	51.4	67.5	34.7	53.0
11	67.6	66.1	66.0	58.5	57.3	57.9	54.0	67.4	38.5	55.7
12	67.4	66.2	66.5	60.7	59.0	60.0	53.5	67.0	*#N/A	56.4
13	67.7	66.9	66.7	60.3	59.6	60.4	54.5	67.2	44.3	56.4
14	67.8	67.0	66.9	60.0	59.0	60.3	57.1	68.1	34.4	56.2
15	67.3	66.2	66.2	59.1	58.1	59.4	53.8	67.2	42.7	55.3
16	65.9	65.3	65.3	57.5	56.8	57.6	53.3	65.8	40.3	53.9
17	66.7	66.0	65.5	58.4	57.7	58.5	48.8	67.4	*#N/A	55.8
18	65.8	66.4	66.5	59.7	58.7	59.9	53.5	67.3	44.5	57.2
19	65.9	66.3	66.7	60.6	59.3	60.4	54.2	67.6	45.2	58.1
20	68.3	66.4	66.9	61.4	59.7	60.6	57.2	69.3	36.4	59.4
21	68.3	66.5	66.9	61.5	59.5	60.8	58.1	68.7	48.1	58.8
22	68.7	67.3	67.5	61.2	60.8	61.3	54.6	69.4	50.2	59.4
23	68.0	66.6	66.7	60.5	59.8	60.5	51.2	68.3	29.8	58.3
24	66.6	65.7	65.6	59.3	59.1	59.5	53.3	66.5	35.8	56.7
25	66.7	66.0	65.8	59.6	59.3	59.8	53.4	67.2	41.7	57.1
26	68.6	67.3	68.1	61.3	60.8	61.4	54.8	68.4	37.0	58.3
27	68.5	67.3	67.7	60.6	60.5	61.1	53.4	68.6	44.5	58.0
28	68.1	67.2	67.4	60.6	60.6	61.0	52.0	67.7	42.8	57.6
29	67.6	66.4	66.7	60.5	59.6	59.7	51.0	68.7	28.9	59.0
30	67.8	66.9	66.5	60.1	60.4	60.4	56.4	68.5	44.6	58.6
31	67.1	65.5	65.9	60.1	59.2	59.7	55.4	67.5	40.3	58.0
Days	31	31	31	31	31	31	30	31	25	30
En. Avg	67.5	66.4	66.6	60.0	59.3	60.1	54.8	67.7	43.1	57.3

#N/A indicates insufficient data.

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

## TABLE 6 MEASURED AVERAGE SINGLE EVENT NOISE EXPOSURE LEVELS Commercial Class A October – December 2023

Carrier	АС Туре	# Deps						NMS	Site				
	"	·		18	2S	3S	4S	5S	6S	7S	8N	9N	10N
Air Canada	B38M	92	Average Count	92.0 (82)	91.1 (79)	91.8 (85)	84.4 (82)	83.4 (79)	84.0 (79)	80.8 (54)	88.1 (6)	85.9 (1)	#N/A (0)
Alaska	B737	309	Average Count	96.0 (281)	95.0 (279)	95.0 (288)	89.3 (286)	88.9 (288)	89.6 (277)	85.8 (237)	90.9 (18)	#N/A (0)	#N/A (0)
	B738	790	Average Count	98.1 (699)	96.7 (676)	95.7 (707)	89.1 (709)	88.8 (697)	89.9 (697)	86.7 (653)	92.1 (63)	88.4	78.7 (4)
Allegiant	A319	65	Average Count	94.2 (55)	92.9 (52)	93.2 (56)	87.4 (56)	86.0 (56)	87.4 (53)	82.8 (48)	89.9 (9)	83.7 (2)	#N/A (0)
	A320	220	Average Count	95.0 (200)	94.2 (197)	92.8 (201)	87.1 (201)	86.0 (199)	87.2 (196)	83.5 (155)	88.9 (16)	#N/A (0)	#N/A (0)
American	A21N	140	Average Count	91.9 (118)	90.5 (119)	91.8 (121)	84.9 (122)	82.9 (117)	84.0 (117)	80.3 (75)	89.0 (16)	81.8 (4)	#N/A (0)
	A319	207	Average Count	94.3 (188)	93.4 (177)	93.5 (191)	87.2 (193)	85.8 (189)	85.9 (187)	81.8 (154)	88.7 (13)	#N/A (0)	80.0 (1)
	A320	19	Average Count	94.8 (16)	94.4 (16)	93.8 (16)	86.9 (16)	85.8 (16)	85.3 (16)	82.1 (12)	88.9 (3)	#N/A (0)	#N/A (0)
	A321	112	Average Count	98.7 (99)	98.1 (89)	98.2 (103)	90.8	88.9 (98)	88.3 (95)	84.7 (72)	94.8	86.3 (1)	#N/A (0)
	B38M	209	Average Count	92.7 (189)	92.0 (183)	92.6 (189)	85.0 (187)	84.2 (184)	85.0 (181)	81.6 (136)	87.9 (19)	81.4	#N/A (0)
	B738	840	Average Count	98.8 (745)	97.8 (693)	98.2 (759)	91.1 (752)	89.9 (739)	90.1 (713)	86.8 (593)	94.3 (58)	85.9 (8)	82.7 (6)
Breeze	A223	91	Average Count	88.4 (84)	88.7 (84)	87.0 (84)	81.6 (81)	81.2 (78)	81.9 (75)	78.2 (34)	82.3 (6)	#N/A (0)	#N/A (0)
	E190	64	Average Count	91.7 (55)	91.3	90.0 (57)	85.3 (55)	85.0 (58)	86.7 (52)	84.2 (54)	88.8 (6)	#N/A	#N/A (0)
Delta	A220	398	Average Count	88.7 (358)	(53) 88.6 (346)	88.3 (356)	81.0 (334)	80.0 (258)	81.0 (300)	78.8 (112)	84.2 (27)	(0) 81.7	#N/A
	A223	34	Average Count	89.6 (29)	89.9 (30)	89.3 (30)	81.5 (25)	80.7 (19)	81.9 (26)	79.1 (13)	81.2 (4)	(3) #N/A (0)	(0) #N/A (0)
	A319	17	Average Count	96.2 (17)	94.9 (15)	95.7 (17)	90.1 (17)	87.9	88.1 (16)	83.4 (16)	#N/A (0)	#N/A	#N/A
	A320	2	Average	96.1	94.8	95.7	89.5	(15) 88.2	88.1	84.7	#N/A	(0) #N/A	(0) #N/A
	B738	22	Count Average	97.9 (4C)	96.7	97.3 (46)	(2) 89.5	(2) 88.2	(2) 88.0	(2) 85.4	93.8	(0) 87.9	(0) 82.2
	B752	306	Count Average	(16) 96.1	(16) 95.6	95.7	(16) 88.5	(15) 87.8	(15) 87.6	(13) 84.3	(5) 93.7	(1) 86.8	(1) 82.3
FedEx	A306	63	Count Average	(266) 97.5	(254) 96.9	(268) 94.6	(268) 88.4	(261) 87.7	(259) 89.1	(218) 85.6	91.9	(14) 79.2	(8) #N/A
Frontier	A20N	338	Count Average	(59) 88.3	(55) 88.3	(58) 87.6	(59) 81.5	(59) 79.7	(59) 82.1	79.8	82.8 (2.4)	(1) #N/A	(0) #N/A
	A320	30	Count Average	(307) 95.0	94.3	93.1	(280) 86.6	(204) 84.5	(266) 86.6	(143) 83.8	84.8	(0) #N/A	(0) #N/A
Horizon	E175	202	Count Average	(29) 94.2	93.0	(28) 91.1	(29) 84.8	(29) 84.4	(29) 86.9	(23) 83.8	(1) 89.1	(0) #N/A	(0) 80.8
Southwest	B38M	5	Count Average	(186) 88.4	(179) 88.0	(183) 87.6	(185) 81.8	(185) 81.0	(184) 82.2	(142) 80.0	(13) 80.6	(0) #N/A	(1) #N/A
	B737	1773	Count Average	93.5	92.8	90.9	(4) 85.2	(4) 85.2	86.2	83.7	90.4	(0) 78.3	(0) #N/A
	B738	3	Count Average	(1604) 90.4	(1535) 91.7	(1622) 89.2	(1630) 83.6		(1591) 84.6	(1295) 82.3	(121) 86.9	(1) #N/A	(0) #N/A
Spirit	A20N	180	Count Average	(1) 89.0	(2) 88.2	(2) 88.3	(2) 83.0	(2) 81.2	(2) 83.5	(2) 80.3	(1) 84.7	(0) #N/A	(0) #N/A
	A320	145	Count Average	(163) 93.3	(157) 93.0	(166) 91.1	(162) 85.5	(153) 84.3	(161) 85.7	(125) 82.5	(13) 85.3	(0) #N/A	(0) #N/A
United	A319	131	Count Average	(130) 94.2	(127) 93.1	(134) 93.2	(132) 86.4	(130) 85.1	(131) 85.9	(103) 82.3	(10) 87.6	(0) 81.9	(0) #N/A
	A320	271	Count Average	(119) 95.5	(116) 94.6	(119) 94.4	(117) 86.8	(114) 85.7	(117) 86.2	(75) 83.0	(12) 87.7	(1) 87.8	(0) #N/A
	B38M	83	Count Average	(241) 92.9	(234) 91.9	(245) 93.2	(243) 84.5	(239) 84.2	(236) 85.1	(176) 81.8	(22) 87.7	(1) 87.1	(0) #N/A
	B737		Count Average	(71) 97.2	(69) 95.5	(75) 97.0	(73) 90.2	(76) 90.2	(69) 90.7	(66) 87.0	(6) 93.5	(1) 87.8	(0) 80.1
	B738		Count Average	(345) 99.1	(324) 97.6	(349) 98.4	(346) 90.1	(337) 89.6	(330) 90.1	(255) 87.3	(31) 93.0	(5) 87.8	(3) 82.3
UPS	A306		Count Average	(565) 97.9	(528) 96.9	(580) 97.1	(581) 90.8	(562) 89.4	(541) 90.4	(433) 86.9	(53) 93.0	(14) #N/A	(5) #N/A
	B752		Count Average	(18) 95.1	(18) 94.9	(18) 93.9	(18) 86.4	(17) 86.3	(18) 87.2	(9) 83.6	(1) 87.7	(0) #N/A	(0) #N/A
WestJet	B737		Count Average	(32)	(32) 94.8	(32) 95.3	(32)	(32)	(32)	(31) 85.4	(3)	#N/A	(0) #N/A
	5,01	31	Count	(74)	(73)	(75)	(75)	(73)	(70)	(64)	(6)	(0)	(0)

## TABLE 7 MEASURED AVERAGE SINGLE EVENT NOISE EXPOSURE LEVELS Commercial Class E October - December 2023

Carrier	AC Type	# Deps		NMS Site									
				1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
Delta	A220		Average Count	88.5 (359)							82.6 (24)	-	#N/A (0)
	A223		Average Count	89.6 (36)		89.1 (39)	81.2 (36)				_	-	#N/A (0)
SkyWest Coml.	E175		Average Count	91.3 (782)			84.6 (792)			_	88.4 (63)	-	79.8 (1)
Southwest	B737		Average Count	91.4 (1951)			84.2 (1979)			_	89.6 (151)	-	#N/A (0)

# TABLE 8 MEASURED AVERAGE SINGLE EVENT NOISE EXPOSURE LEVELS Commuter October - December 2023

Carrier	AC Type	# Deps		NMS Site									
				1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
Delux Public Charters	E135		Average Count	85.8 (234)	85.7 (232)	86.6 (236)	79.8 (193)		80.3 (178)	79.4 (29)	81.9 (18)		#N/A (0)
	E145		Average Count	86.6 (152)	86.8 (151)	87.3 (154)	79.7 (115)	79.3 (40)		-	83.2 (11)	#N/A (0)	#N/A (0)
SkyWest	CRJ7		Average Count	88.4 (77)	88.2 (74)	86.9 (80)	80.0 (39)	80.8 (58)	81.9 (76)	81.3 (67)	87.1 (8)	#N/A (0)	#N/A (0)
	E175		Average Count	88.7 (3)	89.5 (3)	87.3 (3)	82.6 (2)	-	83.0 (3)	82.9 (2)	87.6 (2)	#N/A (0)	#N/A (0)

## TABLE 8-GA MEASURED AVERAGE SINGLE EVENT NOISE EXPOSURE LEVELS General Aviation October - December 2023

Carrier	AC Type	# Deps						NMS	Site				
				1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
General Aviation	Jet	5632	Average	87.8	87.4	88.9	82.3	82.0	83.3	81.2	84.5	80.7	80.3
			Count	(4887)	(4687)	(4831)	(2831)	(2151)	(3040)	(1462)	(291)	(10)	(5)

### TABLE 9 AIR CARRIER OPERATIONAL HISTORY

Air Canada  AC  A223  B38M  A319  A319  A310  A310  A310  A310  A320  A3403  A373  A100  A320  A388  A320  A320  A388  A320  A321  A320  A331  A331  A331  A331  A331  A331  A331  A332  A331  A3320  A331  A3320  A331  A3320  A331  A3320  A331  A3320  A331  A3320  A333  A348  A3320  A333  A348  A340	Carrie	er	AC Type			Year		
Alaska				2019	2020	2021	2022	2023
Alaska  AS  A319  A320  A3403  A3403  A3403  A3403  A3403  A3403  A3403  A3403  A4038  A388  A88  A8737  A89  A819  A320  A3403  A174  A227  A2728  A819  A320  A329  A329  A329  A329  A329  A329  A329  A329  A329  A320  A349  A320  A3448  A3474  A220  A38  A321  A344  A374  A320  A321  A344  A374  A320  A321  A344  A374  A320  A321  A344  A374  A320  A321  A344  A348  A371  A321  A321  A344  A321  A322  A323  B38M  B783  A10,972  B792  B793  A320  A339  A320  A319  A320  A330  A319  A320  A320  A330  A348  A349  A349  A349  A350  A350  A360  A377  A300  A300	Air Canada	AC	A223			102	192	
A320			B38M			6	494	730
B737	Alaska	AS	A319	244	314			
B738   5,247   767   1,327   2,728			A320	3,403	1,733	4,038	3,888	70
Allegiant G4 A319 1,076 676 A320 488 1,399 A320 488 1,399 A320 474 220 498 A321 214 571 1,035 1,099 B38M 177 1,755 B738 10,972 5,201 8,144 8,517 B752 36 B762 36 B752 4,295 B738 4 1,987 828 952 2,071 A319 1,987 828 952 2,071 A320 11 8 8 3 532 B738 A319 1,987 828 952 2,071 A320 11 8 8 3 532 B738 A320 12 8 8 10,954 A320 13 10 B738 A320 A320 A320 A320 A320 A320 A320 A320			B737	160	14	24	116	784
American  AA  A21N  A319  A319  A320  A319  A320  A319  A320  A321  A323  A323  A34  A323  A34  A344  A357  A3223  A34  A349  A320  A349  A3223  A349  A340  A348  A359  A366  A370  A370  A380  A371  A380  A390			B738	5,247	767	1,327	2,728	7,088
American  AA  A21N  A319  A319  A320  A320  A320  A321  A321  A321  A321  A321  A321  A321  A321  B38M  A321  B783  B738  B10,972  B752  B752  A320  A320  A320  A320  B10,972  B144  B717  B738  B738  B10,972  B752  B753  B752  B752  B752  B752  B753  B752  B753  B752  B753  B752  B753  B752  B753  B753  B754  B756  B757  B758  B758  B759  B750  B	Allegiant	G4	A319			1,076	676	418
A319			A320			488	1,399	1,591
A320	American	AA	A21N	2	2	88	51	974
A321			A319	432	474	220	498	1,320
B38M			A320	634	488	783	478	660
B738			A321	214	571	1,035	1,099	1,255
B752   36			B38M			17	1,755	1,834
Breeze         MX         A223 E190 E195 E195 E195 E195 E195 E195 E195 E195			B738	10,972	5,201	8,144	8,517	7,049
E190			B752	36				
E195	Breeze	MX	A223					1,326
Compass         CP         E175         3,150         656           Delta         DL         A220         851         1,954         4,036         3,048           A223         4         1,934         4         1,934           A319         1,987         828         952         2,071           A320         111         8         3         532           B712         2,495         8         24         2           B738         40         2         12         58           B752         2,889         1,065         1,423         2,010           FedEx         FM         A306         510         512         502         498           Frontier         F9         A20N         900         550         1,363         1,818           A319         100         2         88         3         4         4         2         12         58           Frontier         F9         A20N         900         550         1,363         1,818         310         10         10         10         10         10         10         10         10         10         10         10         10			E190					186
Delta         DL         A220         851         1,954         4,036         3,048           A223         1,987         828         952         2,071           A319         1,987         828         952         2,071           A320         11         8         3         532           B7712         2,4955         8         24         8           B737         8         24         2         12         58           B752         2,889         1,065         1,423         2,010           FedEx         FM         A306         510         512         502         498           Frontier         F9         A20N         900         550         1,363         1,818           A319         100         2         88         3         361         310           Horizon         QX         DH8D         12         2         2         2           E175         4,257         2,986         3,293         1,256         3,233         1,256           SkyWest Coml.         SC         CRJ9         2         2         2         2         2         2         2         2         2 </td <td></td> <td></td> <td>E195</td> <td></td> <td></td> <td></td> <td></td> <td>120</td>			E195					120
A223	Compass	CP	E175	3,150	656			
A319	Delta	DL	A220	851	1,954	4,036	3,048	4,420
A320			A223			4	1,934	2,181
B712			A319	1,987	828	952	2,071	202
B737			A320	11	8	3	532	24
B738			B712	2,495				
B752   2,889   1,065   1,423   2,010			B737	8	24			
FedEx         FM         A306         510         512         502         498           Frontier         F9         A20N         900         550         1,363         1,818           A319         100         2         88         392         361         310           Horizon         QX         DHBD         12         2         2         2           E175         4,257         2,986         3,293         1,256         <			B738	40	2	12	58	84
Frontier  F9 A20N 900 550 1,363 1,818 A319 100 2 88 A320 428 392 361 310  Horizon QX DH8D 12 E175 4,257 2,986 3,293 1,256  SkyWest Coml. SC CRJ9 E175 7,686 3,535 3,711 5,446  Southwest WN B38M 10 B737 29,360 14,268 22,212 31,166 B738 134 3,780 7,738 1,720  Spirit NK A20N A319 A320 19 346 1,132  Sun Country SY B737 B738 B738 Q4 22 United UA A319 1,216 A320 3,151 1,227 1,020 2,054 B38M B737 2,816 B999 2,622 4,116 B738 5,627 2,645 2,946 5,685 B752 UPS  5X A306 12 18 18 48 B752 404 404 392 362 WestJet WS B736 58 34			B752	2,889	1,065	1,423	2,010	2,654
A319 100 2 88 A320 428 392 361 310 A320 428 392 361 310 A320 428 392 361 310 A320 A28	FedEx	FM	A306	510	512	502	498	496
A320	Frontier	F9	A20N	900	550	1,363	1,818	2,600
DH8D			A319	100	2	88		
E175			A320	428	392	361	310	230
SkyWest Coml.         SC         CRJ9         2           E175         7,686         3,535         3,711         5,446           Southwest         WN         B38M         10         683         4,038           B737         29,360         14,268         22,212         31,166           B738         134         3,780         7,738         1,720           Spirit         NK         A20N         180         1,735         2,220           A319         250         158         A320         19         346         1,132           Sun Country         SY         B737         238         8         8           B738         24         2         2           United         UA         A319         1,216         590         819         1,047           A320         3,151         1,227         1,020         2,054         8           B38M         8         8         999         2,622         4,116         8           B732         2,816         999         2,622         4,116         8         8         8           B752         2         2         2         2         4	Horizon	QX	DH8D	12				
E175 7,686 3,535 3,711 5,446  Southwest WN B38M 10 683 4,038  B737 29,360 14,268 22,212 31,166  B738 134 3,780 7,738 1,720  Spirit NK A20N 180 1,735 2,220  A319 250 158  A320 19 346 1,132  Sun Country SY B737 238 8  B738 24 2  United UA A319 1,216 590 819 1,047  A320 3,151 1,227 1,020 2,054  B38M B737 2,816 999 2,622 4,116  B738 5,627 2,645 2,946 5,685  B752 2  UPS 5X A306 12 18 18 48  B752 404 404 392 362  WestJet WS B736 58 34			E175	4,257	2,986	3,293	1,256	1,648
Southwest         WN         B38M         10         683         4,038           B737         29,360         14,268         22,212         31,166           B738         134         3,780         7,738         1,720           Spirit         NK         A20N         180         1,735         2,220           A319         250         158           A320         19         346         1,132           Sun Country         SY         B737         238         8           B738         24         2           United         UA         A319         1,216         590         819         1,047           A320         3,151         1,227         1,020         2,054           B38M         8         8         8         8           B737         2,816         999         2,622         4,116           B738         5,627         2,645         2,946         5,685           B752         2         2           UPS         5X         A306         12         18         18         48           B752         404         404         392         362	SkyWest Coml.	SC	CRJ9		2			
B737			E175	7,686	3,535	3,711	5,446	7,168
B738	Southwest	WN	B38M	10		683	4,038	116
Spirit         NK         A20N         180         1,735         2,220           A319         250         158           A320         19         346         1,132           Sun Country         SY         B737         238         8           B738         24         2           United         UA         A319         1,216         590         819         1,047           A320         3,151         1,227         1,020         2,054           B38M         B737         2,816         999         2,622         4,116           B738         5,627         2,645         2,946         5,685           B752         2         2           UPS         5X         A306         12         18         18         48           B752         404         404         392         362           WestJet         WS         B736         58         34				29,360	14,268		31,166	31,486
A319 A320 A320 A320 A320 A320 A320 A320 A320			B738	134	3,780		1,720	41
A320 19 346 1,132  Sun Country SY B737 238 8  B738 24 2  United UA A319 1,216 590 819 1,047  A320 3,151 1,227 1,020 2,054  B38M B737 2,816 999 2,622 4,116  B738 5,627 2,645 2,946 5,685  B752 2  UPS 5X A306 12 18 18 48  B752 404 404 392 362  WestJet WS B736 58 34	Spirit	NK			180	1,735	2,220	1,492
Sun Country         SY         B737         238         8           B738         24         2           United         UA         A319         1,216         590         819         1,047           A320         3,151         1,227         1,020         2,054           B38M         B737         2,816         999         2,622         4,116           B738         5,627         2,645         2,946         5,685           B752         2         2           UPS         5X         A306         12         18         18         48           B752         404         404         392         362           WestJet         WS         B736         58         34						250	158	2
B738					19	346		1,303
United  UA  A319  A320  A3151  A320  A3151  A320  B38M  B737  B738  B738  B738  B752  UPS  A306  B752  UPS  A306  B752  WestJet  WS  B736  B737  B736  B736  B736  B737  B736  B737  B736  B737  B737  B737  B738  B737  B737  B738  B737  B738	Sun Country	SY						
A320 3,151 1,227 1,020 2,054  B38M  B737 2,816 999 2,622 4,116  B738 5,627 2,645 2,946 5,685  B752 2  UPS 5X A306 12 18 18 48  B752 404 404 392 362  WestJet WS B736 58 34								
B38M   B737   2,816   999   2,622   4,116     B738   5,627   2,645   2,946   5,685     B752   2     UPS	United	UA						772
B737 2,816 999 2,622 4,116 B738 5,627 2,645 2,946 5,685 B752 2  UPS 5X A306 12 18 18 48 B752 404 404 392 362  WestJet WS B736 58 34				3,151	1,227	1,020	2,054	1,474
B738 5,627 2,645 2,946 5,685 B752 2 UPS 5X A306 12 18 18 48 B752 404 404 392 362 WestJet WS B736 58 34								210
B752 2 2 UPS 5X A306 12 18 18 48 B752 404 404 392 362 WestJet WS B736 58 34								2,721
UPS     5X     A306     12     18     18     48       B752     404     404     392     362       WestJet     WS     B736     58     34				5,627	2,645		5,685	7,377
B752         404         404         392         362           WestJet         WS         B736         58         34								
WestJet WS B736 58 34	UPS	5X						38
						392	362	372
	WestJet	WS						
			B737	618	126	112	632	704
Total 90,074 46,370 74,253 95,260 95	Total			90,074	46,370	74,253	95,260	95,220

TABLE 10
AIRCRAFT OPERATIONAL HISTORY

Aircraft			Year		
	2019	2020	2021	2022	2023
A20N	900	730	3,098	4,038	4,092
A21N	2	2	88	51	974
A220	851	1,954	4,036	3,048	4,420
A223			106	2,126	3,507
A306	522	530	520	546	534
A319	3,979	2,208	3,405	4,450	2,714
A320	7,627	3,867	7,039	9,793	5,352
A321	214	571	1,035	1,099	1,255
B38M	10		706	6,287	2,890
B712	2,495				
B736	58	34			
B737	32,962	15,431	25,208	36,038	35,695
B738	22,020	12,395	20,191	18,710	21,639
B752	3,329	1,469	1,817	2,372	3,026
CRJ9		2			
DH8D	12				
E175	15,093	7,177	7,004	6,702	8,816
E190					186
E195					120
Total	90,074	46,370	74,253	95,260	95,220

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	CRJ7	Canadair Regional Jet	700
A306	Airbus	300-600	CRJ9	Canadair Regional Jet	900
A319	Airbus	319	DH8D	Bombardier	Dash 8
A320	Airbus	320	E135	Embraer	135
A321	Airbus	321	E145	Embraer	145
B38M	Boeing	737-MAX 8	E175	Embraer	175
B712	Boeing	717-200	E190	Embraer	190
B736	Boeing	737-600	E195	Embraer	195

TABLE 12
AIR CARRIER AVERAGE DAILY DEPARTURE HISTORY

Carrier		AC Type			Year		
A: 0	4.0	1000	2019	2020	2021	2022	2023
Air Canada	AC	A223			.140	.263	4.000
		B38M	00.4	400	.008	.677	1.000
Alaska	AS	A319	.334	.432			
		A320	4.660	2.363	5.534	5.326	.096
		B737	.219	.022	.033	.159	1.074
		B738	7.189	1.046	1.816	3.734	9.707
Allegiant	G4	A319			1.474	.926	.573
		A320			.668	1.915	2.181
American	AA	A21N	.003	.003	.121	.068	1.332
		A319	.592	.648	.296	.682	1.808
		A320	.868	.664	1.082	.655	.904
		A321	.293	.779	1.414	1.507	1.721
		B38M			.022	2.403	2.518
		B738	15.030	7.107	11.156	11.666	9.655
		B752	.049				
Breeze	MX	A223					1.816
		E190					.255
		E195					.164
Compass	CP	E175	4.315	.896			
Delta	DL	A220	1.164	2.667	5.529	4.175	6.052
		A223			.005	2.649	2.986
		A319	2.723	1.131	1.304	2.836	.279
		A320	.014	.014	.003	.729	.033
		B712	3.419				
		B737	.011	.033			
		B738	.055	.003	.016	.079	.115
		B752	3.956	1.454	1.948	2.753	3.638
FedEx	FM	A306	.699	.699	.688	.682	.679
Frontier	F9	A20N	1.233	.751	1.866	2.490	3.562
		A319	.137	.003	.121		
		A320	.586	.536	.496	.425	.315
Horizon	QX	DH8D	.016				
		E175	5.830	4.079	4.512	1.721	2.258
SkyWest Coml.	SC	CRJ9	0.000	.003			2.200
		E175	10.529	4.833	5.085	7.460	9.816
Southwest	WN	B38M	.014	1.000	.937	5.532	.162
	****	B737	40.216	19.497	30.416		43.132
		B738	.184	5.161	10.605		
Spirit	NK	A20N		.246	2.381	3.041	2.038
	1417	A319		.240	.342		
		A320		.025	.471	1.551	1.789
Sun Country United	SY	B737		.020	.326		1.700
	31	B737			.033		
	UA	A319	1.666	.806	1.123		1.058
	UA	A319 A320	4.315	1.675	1.123	2.814	2.019
		B38M	4.313	1.075	1.397	2.014	
			2 055	4 260	2 500	E CAA	.293
		B737	3.855	1.366	3.589		3.726 10.099
		B738	7.712	3.612	4.036		10.099
LIDO	EV/	B752	040	00-	.003		0=0
UPS	5X	A306	.016	.025	.025		.052
NA/		B752	.553	.552	.537	.496	.510
WestJet	WS	B736	.079	.046			
		B737	.847	.172	.153	.866	.964
Total			123.384	63.347	101.712	130.485	130.436

### **QUARTERLY NOISE MEETING**

Date: December 19, 2023

Time: 2:00 pm Place: Virtual (Zoom)

### ITEMS DISCUSSED

A summary of the John Wayne Airport (JWA) October 2023 Airport statistics was provided by Ms. Cassandra Linares, Access and Noise Office (ANO) Specialist. Ms. Linares also provided a general overview of the Airport's quarterly noise report for Q3 2023.

Newport Beach resident Dr. Jim Mosher stated there were an unusual number of noise complaints submitted by Long Beach residents listed in the Q3 quarterly report. Dr. Mosher asked if the complaints from Long Beach were the result of JWA aircraft, or if the complaints were misdirected to the wrong noise office. Mr. Nikolas Gaskins, Access and Noise Manager, stated that the complaints could be a combination of misdirected complaints, as well as related to JWA operations.

Mr. Gaskins presented a brief overview of the Fly Friendly Program, as well as an update on the announcement of the 2022 Fly Friendly winners. Mr. Gaskins explained that the Airport is preparing for a special announcement to recognize the 2022 Fly Friendly Program winners. Mr. Gaskins also added that the Airport anticipates announcing the 2023 Fly Friendly Program winners in April 2024.

Mr. Gaskins provided an update on the Airport's current Million Annual Passengers (MAP) issue. Mr. Gaskins explained that Airport staff identified that passenger volume was trending high during Summer 2023. Mr. Gaskins explained that post-pandemic, it was extremely difficult for most airports throughout the nation to accurately project monthly and annual load factors, resulting in difficult to manage projections. Mr. Gaskins mentioned that industry experts had indicated that pre-pandemic passenger levels would most likely not be achieved until at least 2024. Mr. Gaskins further explained that the ANO worked extremely close with JWA carriers as early as July 2023 to receive voluntary returns of capacity, but that a sufficient decrease in passenger volume was not evident by the end of October. Mr. Gaskins stated that these circumstances led the Airport to request and receive approval from the Orange County Board of Supervisors to implement mandatory seat withdrawals. Mr. Gaskins added that the carriers are fully aware of the Airport's mandatory withdrawal process. Mr. Gaskins also mentioned that some carriers chose not to voluntarily return capacity.

Dr. Mosher stated that the Phase 2 Commercial Airline Access Plan and Regulation (Access Plan) suggests capacity should be allocated at a base level, and supplemental capacity should only be awarded based on how the Airport is trending each quarter. Dr. Mosher asked why the Airport did not allocate supplemental capacity according to the Access Plan requirements. Mr. Gaskins responded that the Airport has historically allocated base and supplemental capacity during the initial annual allocation process. Mr. Gaskins also mentioned that additional supplemental capacity may be allocated mid-Plan Year, if able. Mr. Gaskins added that the allocation of capacity and how it is allocated is at the discretion of the Airport Director, per the Access Plan. Mr. Gaskins emphasized that carriers begin planning their schedules six to nine months in advance, therefore, if the Airport were to allocate supplemental capacity on a quarterly basis, it would be difficult for some carriers to incorporate the supplemental capacity into their schedules with such short notice in the Plan Year.

Mr. Jason Herman with Air Line Pilots Association, International, asked what is being done to prevent mandatory withdrawals in future years. Mr. Gaskins stated that the Airport plans to hold an internal meeting with all carriers in early 2024 to discuss this topic.

FAA representative, Mr. Karl Zittel, asked what the load factor percentage was when the Airport determined to implement mandatory withdraws. Mr. Gaskins stated the load factor percentage was approximately 86-87 percent. Mr. Gaskins added that during the Plan Year 2023 capacity allocation process, which took place in July 2022, the Airport had projected an 81 percent load factor.

Mr. Zittel asked if the Airport has a good projection on passenger volume with the upcoming holidays. Mr. Gaskins explained that the Airport is continuing to closely monitor the situation, and expects the overall MAP to be approximately 40,000 passengers under the 11.8 MAP limitation.

Dr. Mosher asked about an outstanding question he had asked during the June 27, 2023, quarterly noise meeting. Dr. Mosher stated that Environmental Impact Report (EIR) 617 for the 2014 Settlement Agreement amendment indicates that an insulation program is to be initiated based on the increase in noise levels. Mr. Gaskins stated that the Airport's on-call acoustical engineering consultants and Airport staff are currently monitoring these mitigation measures within EIR 617.

### QUARTERLY NOISE MEETING ROSTER December 19, 2023

NAME ORGANIZATION

Jim Mosher Resident – Newport Beach

Jason Herman Air Line Pilots Association, International

Karl Zittel FAA Representative

Nikolas Gaskins John Wayne Airport

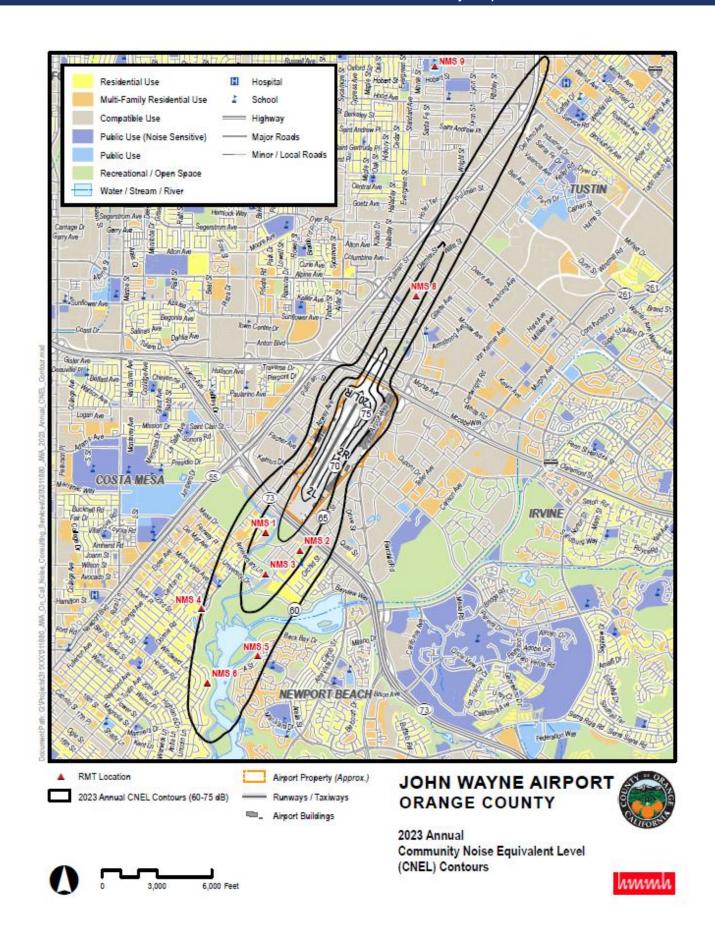
Anthony Cangey John Wayne Airport

Beatrice Siercke John Wayne Airport

Cristina Magaña John Wayne Airport

Cassandra Linares John Wayne Airport

Kyle Gorny 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):

0.0175 Sq. Mi.

2. Estimated Number of dwelling units included in the Noise Impact Area as defined in the Noise Standards:

74 Units

3. Estimated number of people residing within the Noise Impact Area as defined in the Noise Standards:

185 (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:

Lockheed T-33 – 2 (Arrivals + Departures)

5. Total number of aircraft operations during the calendar quarter:

70,429

6. Number of Air Carrier operations during the calendar quarter: (Not mandatory)

24,698

 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)

45,673

9. Estimated number of operations by Military aircraft during the calendar quarter: (Not mandatory)

58