



long beach
airport

Monthly Noise Report

March 2024



COMMERCIAL AIRCRAFT LATE NIGHT ACTIVITY
LGB Current Month & Calendar Year-To-Date Statistics (10PM- 7AM)
March 2024

March				Calendar Year-To-Date		
10PM - 11PM Activity	2024	2023	Change	2024	2023	Change
Air Carrier & Commuter Operations	3,066	2,730	12.3%	8,921	8,112	10.0%
American/Mesa/SkyWest/Envoy	0	0	-100.0%	0	1	-100.0%
Delta/SkyWest Airlines	1	7	-85.7%	5	13	-61.5%
Hawaiian Airlines	0	2	-100.0%	0	2	
Southwest Airlines	2	5	-60.0%	4	11	-63.6%
UPS	0	0		0	0	
Subtotal 10PM-11PM	3	14	-78.6%	9	27	-66.7%
11PM- 7AM Activity	2024	2023	Change	2024	2023	Change
American/Mesa/SkyWest/Envoy	0	0		0	0	
Delta/SkyWest Airlines	0	0		0	0	
Hawaiian Airlines	0	0		0	0	
Southwest Airlines	0	0		0	0	
UPS	0	0		0	1	-100.0%
Subtotal 11PM-7AM	0	0		0	1	-100.0%
TOTAL	3	14	-78.6%	9	28	-67.9%

Notes:

0.10% (3 of 3,066) of total commercial operations occurred between 10pm - 11pm.

0% (0 of 3,066) operations occurred between 11pm - 7AM

AIRPORT NOISE VIOLATIONS

LGB Current Month & Calendar Year-To-Date Statistics

March 2024

March				Calendar Year-To-Date		
Air Carrier Noise Violations	2024	2023	Change	2024	2023	Change
American/Mesa/SkyWest/Envoy	0	0		0	0	
Delta/SkyWest Airlines	0	0		0	0	
Hawaiian Airlines	0	0		0	0	
Southwest Airlines	0	0		0	0	
UPS	0	0		0	1	-100.0%
Subtotal	0	0		0	1	-100.0%
Commuter Noise Violations	2024	2023	Change	2024	2023	Change
American/Mesa/SkyWest/Envoy	0	0		0	0	
Delta/SkyWest Airlines	0	0		0	0	
Subtotal	0	0		0	0	
Non-Commercial Noise Violations	2024	2023	Change	2024	2023	Change
All GA, Charter & Other	13	16	-18.8%	32	33	-3.0%
TOTAL	13	16	-18.8%	32	34	-5.9%
Monetary Fines	2024	2023		2024	2023	
Airport Surcharges	\$500	\$100		\$1200	\$400	
Consent Decree	\$0	\$0		\$0	\$0	
TOTAL	\$500	\$100		\$1200	\$400	

AIRPORT OPERATIONS

LGB Current Month & Calendar Year-To-Date Statistics

March 2024

March				Calendar Year-To-Date		
Airport Operations (FAA)	2024	2023	Change	2024	2023	Change
Air Carrier + Commuter Carriers	3,066	2,730	12.3%	8,921	8,112	10.0%
Air Taxi + General Aviation	32,728	26,394	24.0%	84,029	73,775	13.9%
Military Operations	112	92	21.7%	305	240	27.1%
Total Aircraft Operations	35,906	29,216	22.9%	93,255	82,127	13.5%

Source: Federal Aviation Administration (FAA) Air Traffic Activity System (ATADS)

Notes:

0.03% (13 of 35,794) of the Airport's total aircraft operations (Commercial & GA) resulted in an aircraft noise violation.
 0.00% (0 of 3,066) of the Airport's Commercial operations (Commercial & Commuter) resulted in an aircraft noise violation.

AIRCRAFT NOISE VIOLATORS

March 2024

OWNER NAME	DATE	TIME	A/D	RWY	FLIGHT #	A/C TYPE	ORIG/ DEST	SEL	LIMIT	STATUS
N28FM LLC	3/3/2024	04:34:08	A	30		CL60		88.3	79	VIO-1
Air Man Flight School	3/4/2024	23:30:54	D	30		C172		82.6	79	VIO-3
Raj Consulting LLC C/O Raj Manufacturing	3/7/2024	23:35:22	A	30		C68A		82.7	79	VIO-7
Private	2/15/2024	23:12:25	A	30		PA44		85.7	79	VIO-1
Ignite Enterprises LLC	3/10/2024	05:35:55	A	30		H25B		83.3	79	VIO-3
Private	3/13/2024	00:04:30	D	30		P28R		81.7	79	VIO-1
N44GV LLC	3/16/2024	23:27:27	A	30		GLF4		90.3	79	VIO-2
White Knuckle Endeavors LLC	3/24/2024	16:11:38	A	26L		C510		96.2	93	VIO-1
WORLD TECH AVIATION LLC	3/25/2024	03:57:03	A	30		CL60		85.9	79	VIO-1
Private	3/27/2024	00:09:11	A	26L		C172		N/A	N/A	VIO-1
Husker Aviation LLC	3/22/2024	05:21:27	D	30		BE40		91.3	79	VIO-1
Private	3/30/2024	12:48:05	D	8L		BE33		93.3	88	VIO-2
Private	3/30/2024	16:40:50	T/G	8R		C152		N/A	N/A	VIO-1

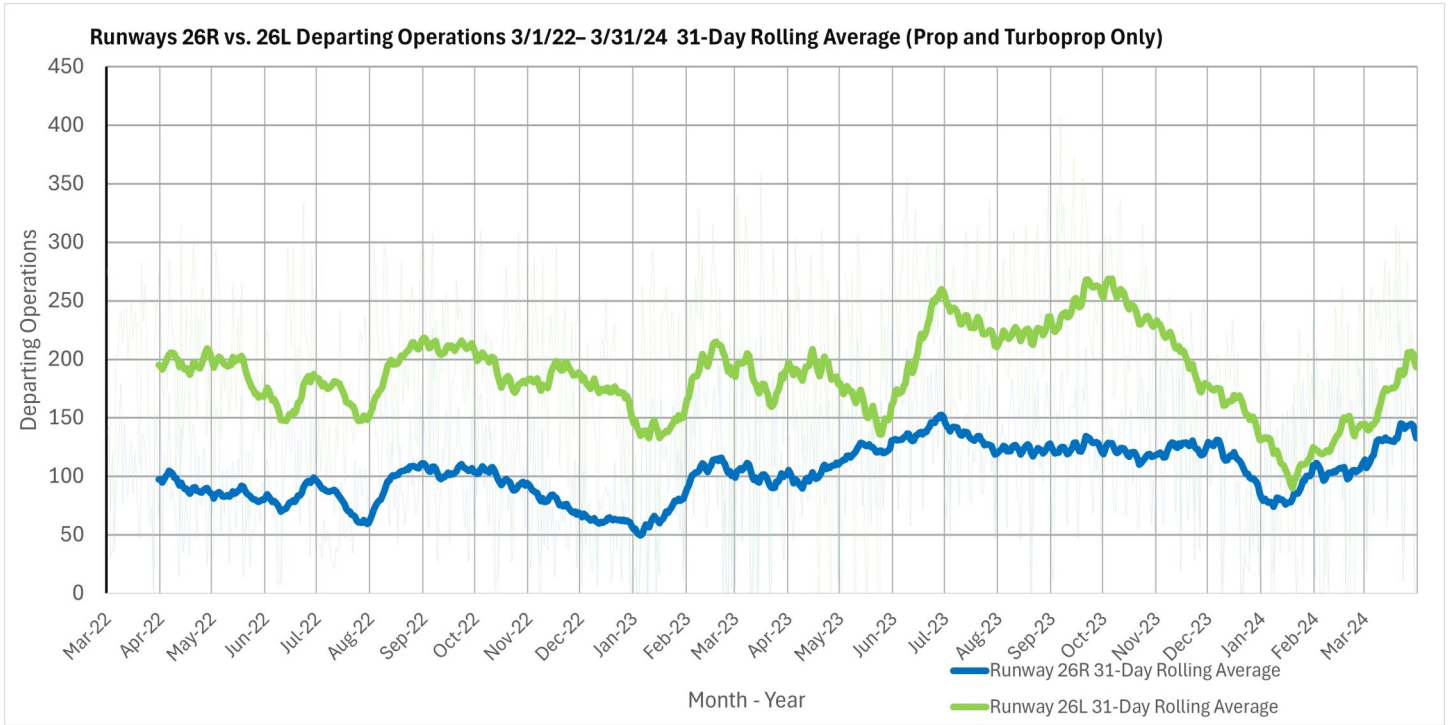
DEFINITIONS:

A/C Type — Aircraft Type
A/D — Arrival/Departure
RWY — Runway

SEL — SENEL — Single Event Noise Exposure Level (dBA)
T — Touch and Go
VIO — Violation

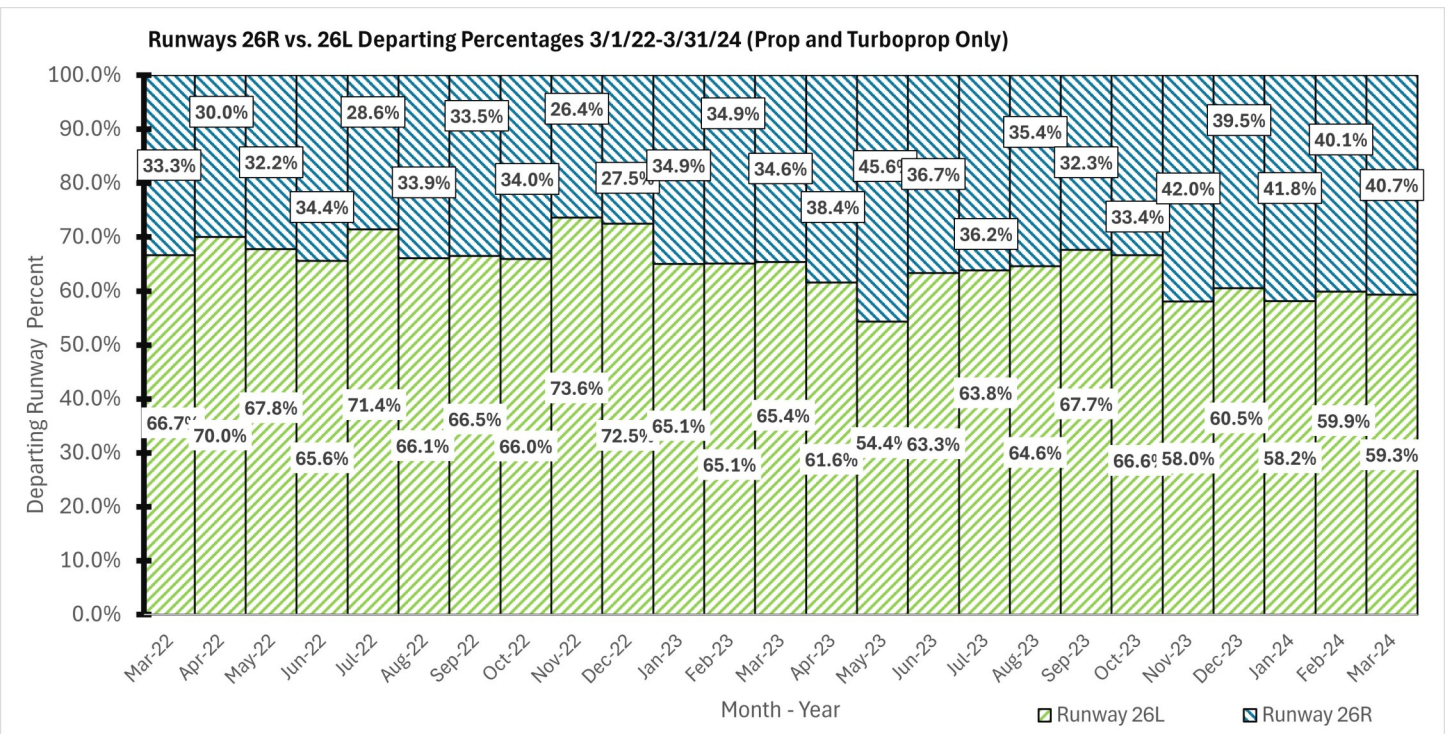
Runway 26R and Runway 26L General Aviation Analysis March 2024

Runways 26R vs. 26L Departing Operations 3/1/22– 3/31/24 31-Day Rolling Average (Prop and Turboprop Only)



Source: Long Beach Airport Noise and Operations Monitoring System (ANOMS)

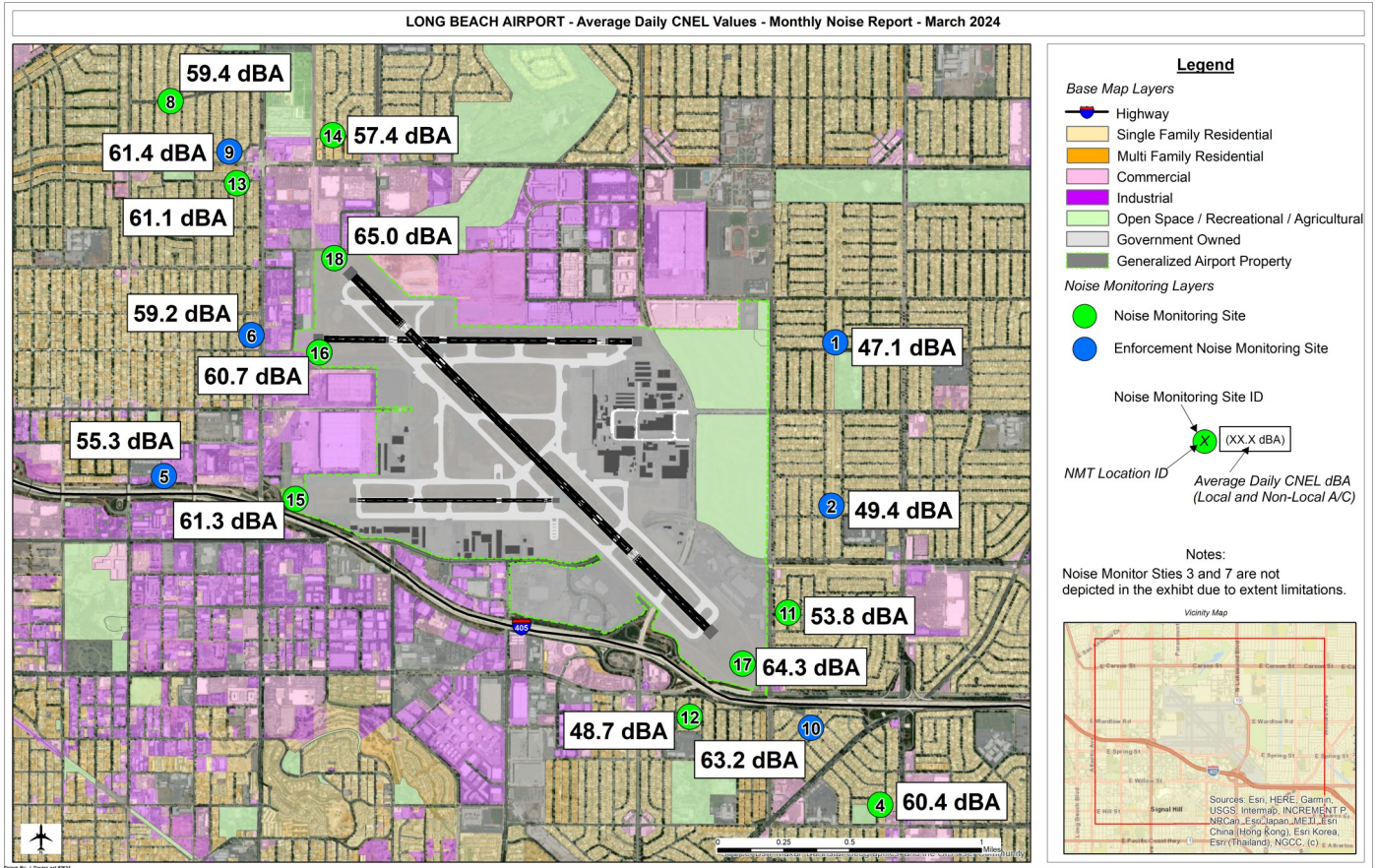
Runways 26R vs. 26L Departing Percentages 3/1/22-3/31/24 (Prop and Turboprop Only)



Source: Long Beach Airport Noise and Operations Monitoring System (ANOMS)

Noise Monitor Data March 2024

Average Daily Aircraft CNEL Values— March 2024



Source: Long Beach Airport Noise and Operations Monitoring System (ANOMS)

Note: Noise Monitors 3 and 7 are not depicted on the exhibit due to extent limitations

Average Daily Aircraft CNEL Values— March 2023 Through March 2024

Month	Noise Monitor Site																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Mar-23	44.7	49.2	57.6	60.3	54.5	58.3	54.8	58.9	60.8	63.1	53.7	49.6	60.5	57.3	61.3	60.2	65.5	64.4
Apr-23	48.2	48.1	56.8	57.8	56.0	59.7	53.3	57.3	59.2	59.3	50.3	45.7	59.6	56.8	60.5	61.4	58.7	63.1
May-23	50.7	47.4	53.7	54.0	56.8	60.6	52.4	55.2	57.3	57.4	49.2	42.4	58.2	55.5	59.2	62.0	55.2	62.2
Jun-23	47.4	50.1	57.6	60.9	58.1	59.6	55.2	59.0	61.2	63.4	52.2	46.3	61.3	58.2	64.0	60.3	64.3	64.5
Jul-23	47.5	48.6	58.1	61.1	56.3	59.2	55.7	59.7	61.9	64.1	51.9	45.8	61.8	58.7	62.9	60.0	64.8	65.9
Aug-23	47.1	49.8	58.1	61.0	56.2	59.0	55.3	59.3	61.4	64.1	52.2	47.5	61.5	57.8	62.7	60.1	65.2	65.0
Sep-23	46.6	49.6	58.5	60.2	57.0	58.4	54.9	58.8	60.9	63.1	51.4	44.9	60.7	57.4	63.6	59.4	64.6	64.4
Oct-23	45.7	48.4	58.2	60.5	55.7	58.3	54.3	58.5	60.8	63.5	50.4	46.1	60.6	57.1	62.9	59.4	64.7	64.2
Nov-23	47.0	47.3	56.9	60.0	54.7	58.8	53.9	58.0	60.1	63.0	51.1	49.7	60.2	56.5	61.5	59.7	64.3	63.9
Dec-23	44.7	46.1	57.4	60.1	53.2	57.9	54.3	58.9	60.9	63.0	51.8	50.2	60.9	56.3	60.1	59.6	64.8	64.7
Jan-24	45.2	45.5	56.3	59.9	54.2	59.2	54.0	58.2	60.1	62.8	51.0	49.1	60.2	57.0	60.7	60.2	64.6	64.4
Feb-24	44.6	48.1	58.7	60.3	54.1	58.8	54.8	59.2	60.9	63.0	53.9	50.2	60.7	56.2	58.8	60.7	65.7	65.1
Mar-24	47.1	49.4	58.7	60.4	55.3	59.2	55.6	59.4	61.4	63.2	53.8	48.7	61.1	57.4	61.3	60.7	64.3	65.0

Source: Long Beach Airport Noise and Operations Monitoring System (ANOMS)

Noise Budget Data March 2024

Total Noise Budget Performance (April 2023-March 2024)

RMT#	Noise Budget	Actual	Percent Budget Used
9	102.7	46.2	45.0%
10	120.9	74.4	61.5%

Source: Long Beach Airport Staff Calculations

Air Carrier Noise Budget Performance (April 2023-March 2024)

RMT#	Noise Budget	Actual	Percent Budget Used
9	70.7	33.3	47.1%
10	84.6	55.7	65.8%

Source: Long Beach Airport Staff Calculations

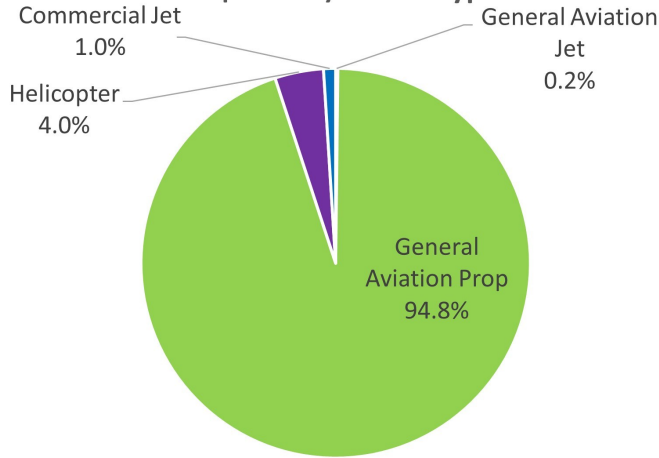
DEFINITIONS:

RMT – Remote Monitoring Terminal

LGB AIRCRAFT NOISE COMPLAINTS

March 2024

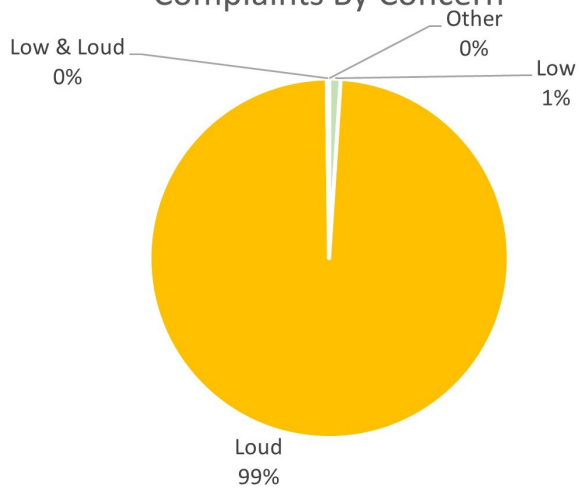
Complaints by Aircraft Types



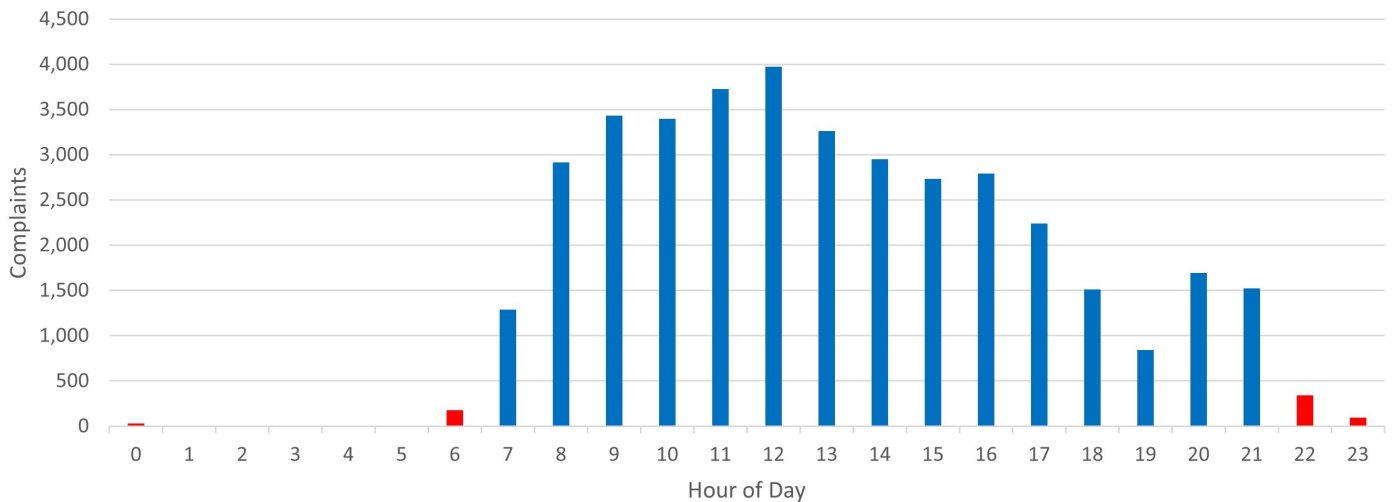
Complaints by Zip Code

Zip Code	Complaints	Households
90254	5	1
90278	89	1
90302	3	2
90712	1037	1
90713	11	1
90740	589	2
90746	3	2
90755	3,507	3
90807	27,879	105
90808	2,955	9
90815	1,195	7
92626	639	1
92627	1	1
92647	892	1
92648	59	3
92649	47	4
92656	7	1
92676	1	1
Totals	38,915	150

Complaints By Concern



Complaints by Time of Day





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