

QUIETER HOME PROGRAM

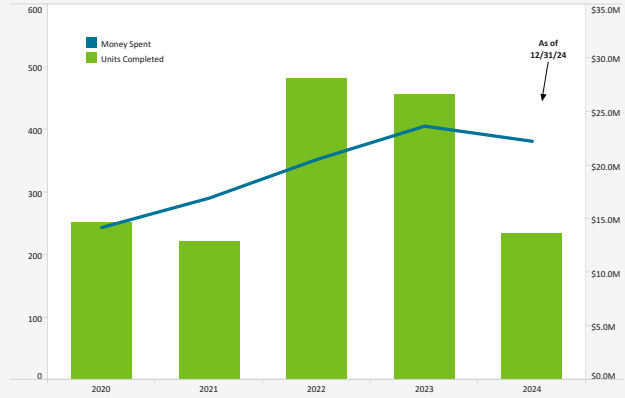
Quieter Home Program As Of: 12/31/2024

Status of Homes	
Added this Month	12
Homes Completed this Month	13
Estimated Homes to Complete in CY 2024	250
Homes on Wait List	515
Total Homes Completed	5,836
Amount Spent on Multi-Family Units (USD) this Month	29,453

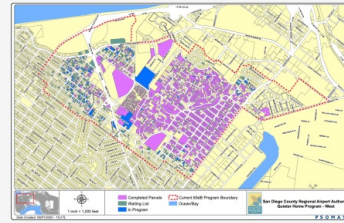
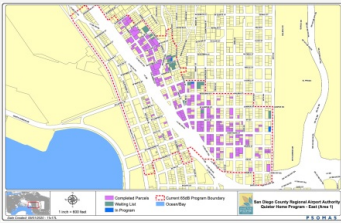
Project	Estimated Construction Start	# Homes
12.5 (QNRP)	HOLD for PA	3
13.4	Winter 2025	23
13.5	Winter 2025	36
13.6	Spring 2025	33
13.7	Spring 2025	27
13.8	Summer 2025	26
13.9	Summer 2025	30
13.10	Fall 2025	22
13.11	Fall 2025	41
13.12	Winter 2025	28
14.1	Winter 2026	32
14.2	Spring 2026	62
14.3	Spring 2026	41

QNRP: Quieter Non-Residential Program

From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,334 Homes



Program Boundary Maps



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CURFEW VIOLATIONS

Curfew Violations (November - December 2024)

Date, Time	Airline	Aircraft Type	Status
11/4/2024, 12:03 AM	Alaska Airlines	B739	Pending Review
11/4/2024, 12:04 AM	SkyWest Airlines	E75L	Pending Review
11/27/2024, 11:30 PM	Delta Air Lines	A21N	Pending Review
11/27/2024, 11:32 PM	Southwest Airlines	B737	Pending Review
11/27/2024, 11:34 PM	United Airlines	B39M	Pending Review
11/27/2024, 11:35 PM	Alaska Airlines	B39M	Pending Review
11/27/2024, 11:36 PM	Southwest Airlines	B737	Pending Review
11/27/2024, 11:43 PM	Delta Air Lines	A321	Pending Review
11/27/2024, 11:45 PM	Southwest Airlines	B737	Pending Review
11/27/2024, 11:46 PM	Alaska Airlines	B39M	Pending Review
11/27/2024, 11:48 PM	SkyWest Airlines	E75L	Pending Review
11/28/2024, 01:02 AM	Southwest Airlines	B38M	Pending Review
11/28/2024, 01:03 AM	SkyWest Airlines	E75L	Pending Review
11/28/2024, 01:26 AM	SkyWest Airlines	E75L	Pending Review
11/28/2024, 11:42 PM	United Airlines	B738	Pending Review
11/28/2024, 12:32 AM	Southwest Airlines	B737	Pending Review
11/28/2024, 12:47 AM	Southwest Airlines	B38M	Pending Review
12/18/2024, 11:31 PM	Delta Air Lines	A21N	Pending Review
12/19/2024, 02:24 AM	Delta Air Lines	A321	Pending Review
12/19/2024, 12:04 AM	UPS Airlines	B763	Pending Review
12/20/2024, 12:05 AM	Alaska Airlines	B39M	Pending Review
12/20/2024, 12:12 AM	Alaska Airlines	B39M	Pending Review
12/20/2024, 12:38 AM	British Airways	A35K	Pending Review
12/21/2024, 11:30 PM	Southwest Airlines	B38M	Pending Review
12/21/2024, 11:31 PM	jetBlue Airways	A320	Pending Review
12/21/2024, 11:55 PM	Delta Air Lines	A321	Pending Review
12/21/2024, 12:19 AM	Delta Air Lines	A321	Pending Review
12/22/2024, 11:30 PM	Delta Air Lines	A321	Pending Review
12/22/2024, 11:35 PM	Alaska Airlines	B39M	Pending Review
12/22/2024, 11:52 PM	SkyWest Airlines	E75L	Pending Review
12/22/2024, 11:56 PM	SkyWest Airlines	E75L	Pending Review
12/23/2024, 12:10 AM	Alaska Airlines	B39M	Pending Review
12/26/2024, 12:43 AM	Alaska Airlines	B739	Pending Review
12/27/2024, 11:39 PM	Alaska Airlines	B39M	Pending Review
12/27/2024, 11:48 PM	American Airlines	A21N	Pending Review
12/27/2024, 11:49 PM	American Airlines	A321	Pending Review
12/27/2024, 11:51 PM	jetBlue Airways	A320	Pending Review
	United Airlines	B739	Pending Review
12/28/2024, 12:05 AM	Delta Air Lines	A321	Pending Review
12/28/2024, 12:07 AM	Delta Air Lines	A321	Pending Review
12/28/2024, 12:09 AM	American Airlines	A21N	Pending Review
12/28/2024, 12:16 AM	NSW INVESTMENTS LLC	A21N	Pending Review
12/29/2024, 11:44 PM	Southwest Airlines	B737	Pending Review
12/30/2024, 12:40 AM	jetBlue Airways	A320	Pending Review
12/31/2024, 03:14 AM	Null	GLF6	Pending Review
12/31/2024, 12:05 AM	jetBlue Airways	A320	Pending Review

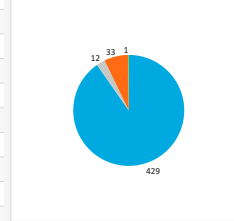
Noise Curfew Violations: Any aircraft that departs after 11:30 p.m. and before 6:30 a.m. is subject to a penalty.

Annual Violations and Penalties Assessed (Year-to-Date)

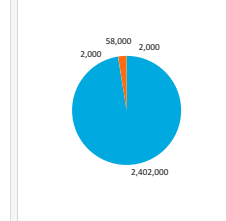
Year	Total Violations	Fines Assessed
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	141	\$1,004,000
2024	179	\$448,000

Airline Category
 A - Air
 C - Cargo
 G - G/A
 M - Mil

Violations by Airline Category (2020 - Present)

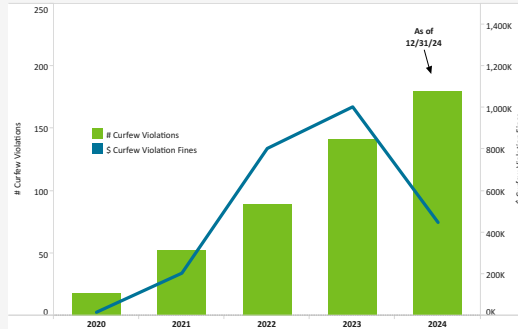


Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	429	\$2,402,000
C - Cargo	12	\$2,000
G - G/A	33	\$58,000
M - Mil	1	\$2,000

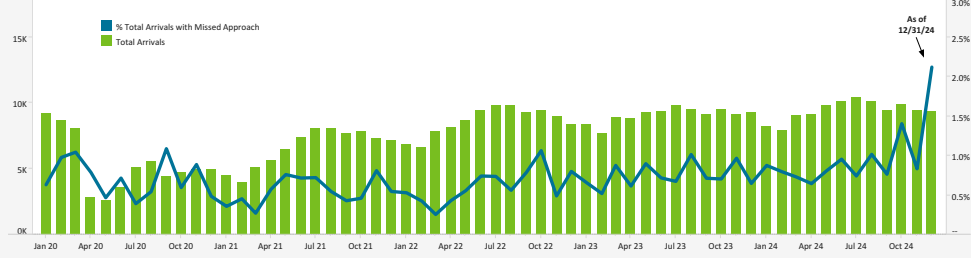
Curfew Violations and Penalties Assessed (by Year)



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MISSED APPROACH STATISTICS

Total Arrivals Compared to (%) of Missed Approaches



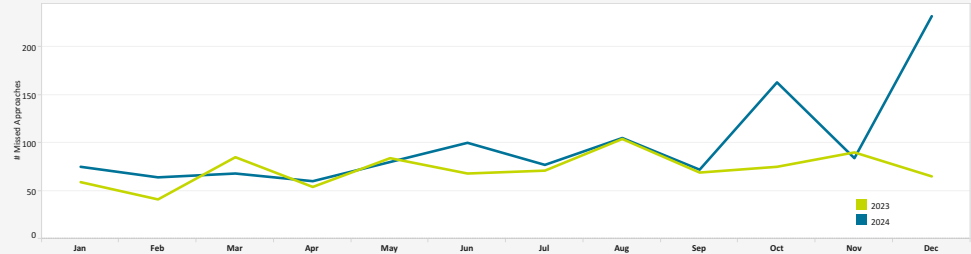
Missed Approaches: A procedure to maintain safety, initiated by the pilot or Air Traffic Control (ATC) for a pilot to abandon the approach to landing.

	2020	2021	2022	2023	2024
% Total Arrivals with Missed Approach	0.7%	0.6%	0.6%	0.8%	1.0%
Total Arrivals	64,576	79,016	102,974	108,560	112,824
Total Missed Approaches	508	470	668	865	1,180

Missed Approach Location Statistics

	Oct		Nov		Dec			Oct	Nov	Dec
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	1	1	0	2	3	Between 265°-295° Heading (Standard)	42	40	76
Between Noise Dot #2 - JETT1	17	2	18	1	26	6	East of Airport	95	25	123
Between JETT1 - Noise Dot #3	21	1	15	5	32	7	Left of 265°	22	13	25
Between Noise Dot #3 - Noise Dot #4	17	1	8	1	18	0	Right of 295°	4	3	7
Between Noise Dot #4 - Noise Dot #5	3	1	3	0	4	2				

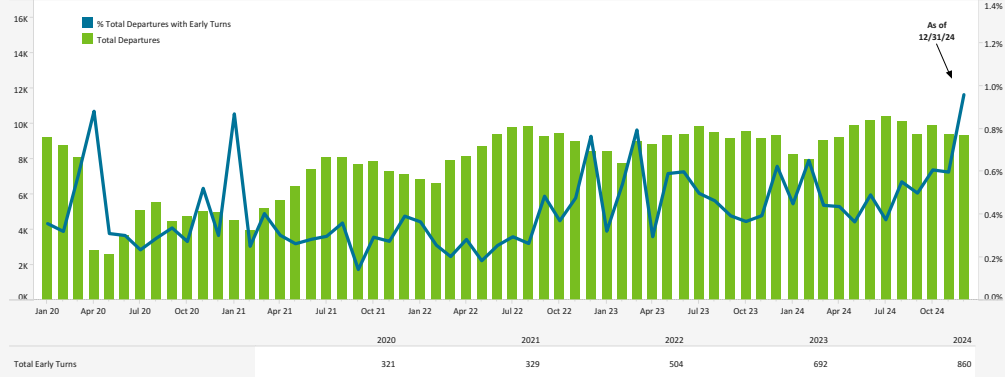
Total Missed Approaches



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EARLY TURN STATISTICS

Total Departures Compared to (%) of Early Turns



The Airport Authority has defined early turns as those aircraft that turn right prior to FAA Noise Dot #1 at the 295-degree heading or turn left prior to the FAA Noise Dot #3 at the 265-degree heading.

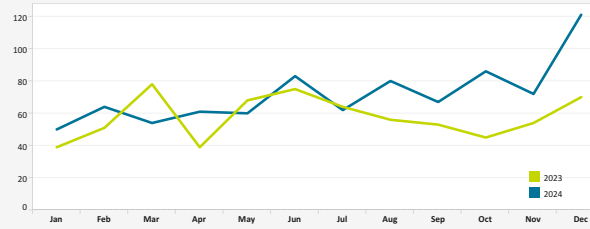
Departure Statistics

	Oct	Nov	Dec
Jets Turning Left	4,851	4,628	4,504
Between Z2000 and Noise Dots	906	550	615
Compliant with Nighttime departure Heading (290°)	476	438	423
Not Nighttime Compliant - Over La Jolla	53	63	46
Not Nighttime Compliant - East	61	0	61
Not Nighttime Compliant - Straight Out	10	8	19

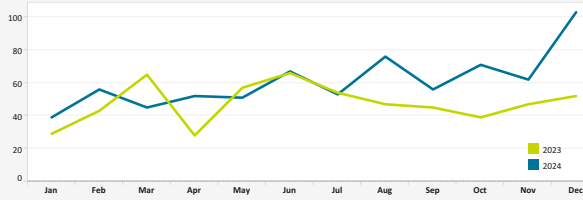
Cause of Early Turns

	Oct	Nov	Dec
Caused by ATC Vectors	74	70	116
Caused by Pilot Deviation	0	0	1
Caused by Weather	12	1	4

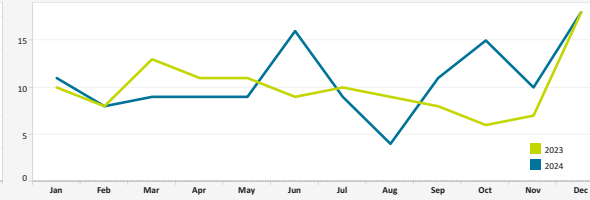
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (December 2024)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	37	5,502	0.7%
SkyWest Airlines	3	2,238	0.1%
Alaska Airlines	8	2,009	0.4%
United Airlines	13	1,725	0.8%
Delta Air Lines	15	1,615	0.9%
American Airlines	11	1,583	0.7%
General Aviation	4	603	0.7%
Frontier Airlines	2	453	0.4%
NetJets	1	356	0.3%
jetBlue Airways	6	257	2.3%
Flexjet	1	127	0.8%
Air Canada	1	78	1.3%
McLane Co Inc	1	2	50.0%

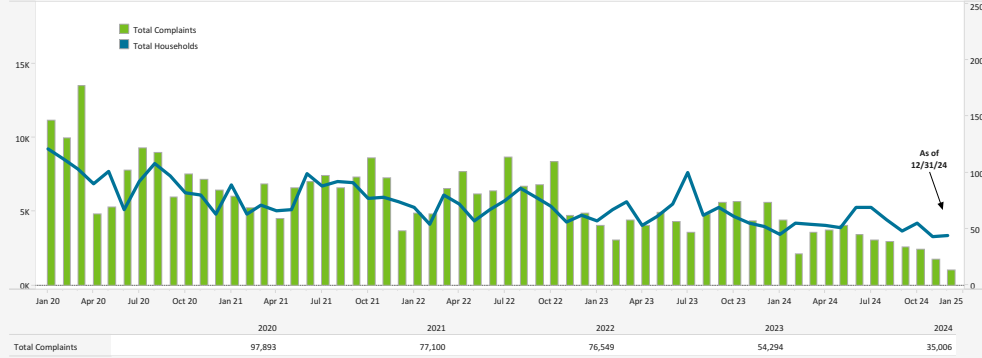
Early Turns by Operator (December 2024)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	5	5,502	0.1%
SkyWest Airlines	1	2,238	0.0%
Delta Air Lines	3	1,615	0.2%
General Aviation	3	603	0.5%
NetJets	1	356	0.3%
jetBlue Airways	1	257	0.4%
XOJET Inc	1	14	7.1%
Chrysler Aviation Inc	1	12	8.3%
STEADFAST ADVISERS LLC	1	2	50.0%
ROYAL AIR CHARTER LLC	1	2	50.0%

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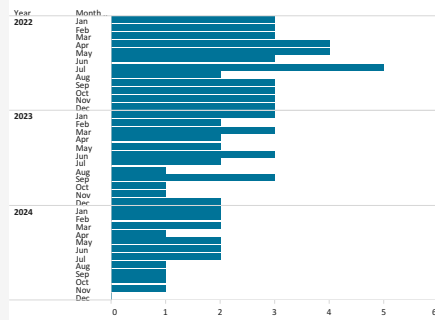
NOISE COMPLAINT STATISTICS

Total Complaints Compared to Total Households

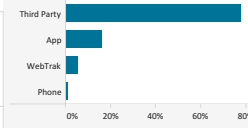


The Authority reports all complaints.

Number of Households with 500+ Complaints per Month



Complaints by Contact Method



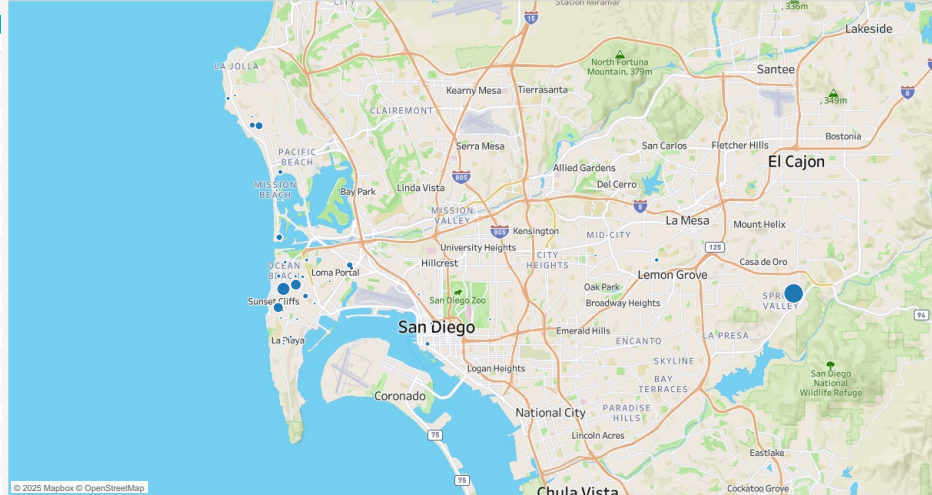
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	903.0	87.2%
Overflight	77.0	7.4%
Curfew Violation	49.0	4.7%
Off Course	3.0	0.3%
Too Low	2.0	0.2%
Suspected Off Course	1.0	0.1%

Number of Complaints by Neighborhood (December 2024)

Neighborhood	Total Complaints	Total Households
Grand Total	1,035	44
Spring Valley	381	7
Point Loma Heights	306	1
Sunset Cliffs	89	2
Muirlands	50	2
Loma Portal	43	4
Mission Beach	32	3
Bird Rock	26	1
Ocean Beach	18	2
Pacific Beach	16	1
Marina/Downtown	14	1
La Mesa	12	1
Beach Barber Tract	11	2
Del Mar	10	1
Wooded Area	7	4
Del Mar Heights	4	1
South Park	4	2
Roseville - Fleet Ridge	3	2
Downtown S.D	2	1
La Playa	2	1
Bankers Hill	1	1
El Cerrito	1	1
Laguna Niguel	1	1
Liberty Station	1	1
Point Loma	1	1

Location of Complaints



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