

QUIETER HOME PROGRAM



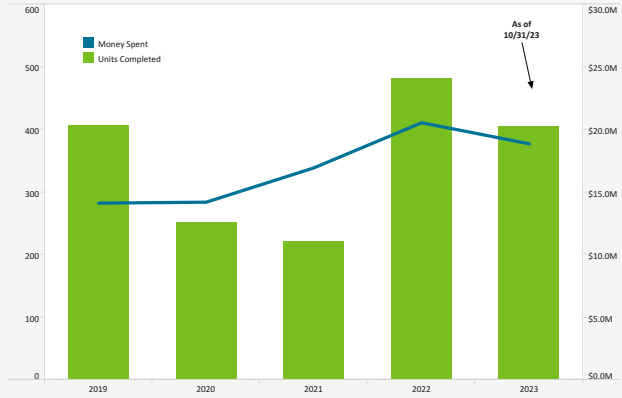
Quieter Home Program As Of: 10/31/2023

Status of Homes	
Homes Completed this Month	10
Added this Month	14
Homes on Wait List	376
Estimated Homes to Complete in CY 2023	400
Total Homes Completed	5,552
Amount Spent on Multi-Family Units (USD) this Month	36,548

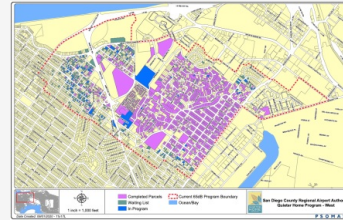
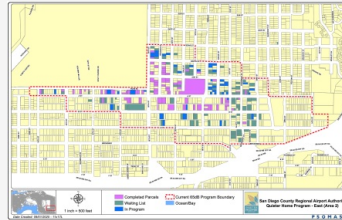
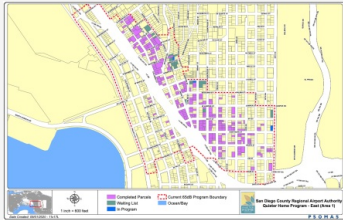
Project	Estimated Construction Start	# Homes
12.3	In Process	37
12.4 (QNRP)	Winter 2024	3
12.5 (QNRP)	Summer 2024	3
12.6	In Process	62
12.7	In Process	34
12.8	Winter 2023	12
12.9	Spring 2024	36
12.10	Winter 2024	34
12.11	Spring 2024	25
12.12	Spring 2024	29
13.1	Summer 2024	30
13.2	Summer 2024	27
13.3	Fall 2024	25
13.4	Fall 2024	26
13.5	Winter 2024	48
13.6	Winter 2025	33
13.7	Winter 2025	29
13.8	Spring 2025	46
13.12 (QNRP)	Summer 2025	1

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



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

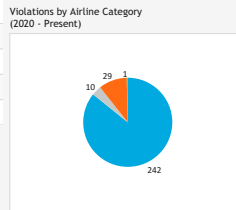
Curfew Violations (September - October 2023)

Date, Time	Airline	Aircraft Type	Status
9/3/2023, 02:03 AM	Alliant Air	A320	Pending Review
9/11/2023, 11:42 PM	jetBlue Airways	A321	Pending Review
9/18/2023, 11:55 PM	SkyWest Airlines	E75L	Pending Review
9/24/2023, 12:35 AM	jetBlue Airways	A320	Pending Review
9/26/2023, 12:28 AM	jetBlue Airways	A321	Pending Review
10/5/2023, 11:49 PM	American Airlines	B738	Pending Review
10/7/2023, 11:39 PM	jetBlue Airways	A320	Pending Review
10/8/2023, 03:15 AM	Null	GALX	Pending Review
10/8/2023, 11:45 PM	jetBlue Airways	A320	Pending Review
10/15/2023, 12:29 AM	XOJET Inc	CL30	Pending Review
10/16/2023, 11:41 PM	Null	GLF4	Pending Review
10/18/2023, 11:54 PM	SkyWest Airlines	E75L	Pending Review
10/28/2023, 11:50 PM	Alaska Airlines	B39M	Pending Review

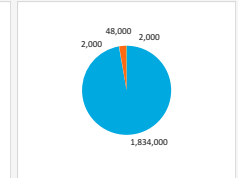
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	111	\$864,000

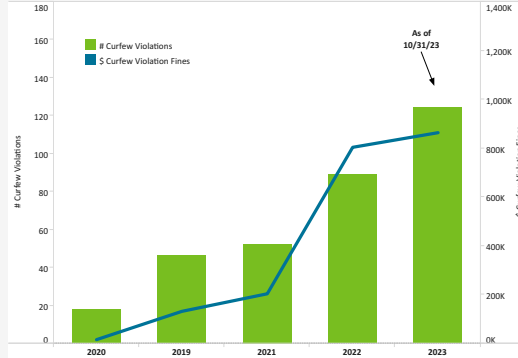
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	242	\$1,834,000
C - Cargo	10	\$2,000
G - G/A	29	\$48,000
M - Mil	1	\$2,000

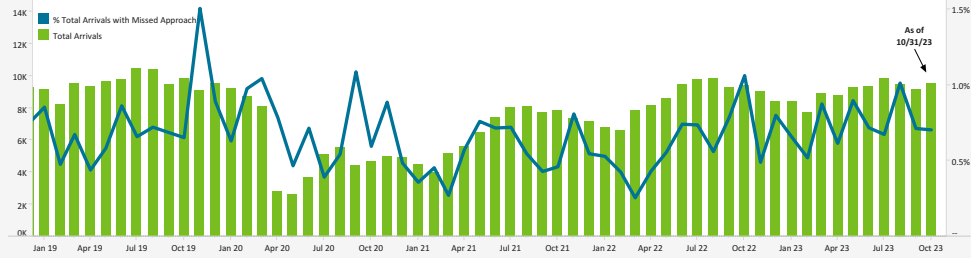
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MISSED APPROACH STATISTICS



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.

Total Arrivals Compared to (%) of Missed Approaches

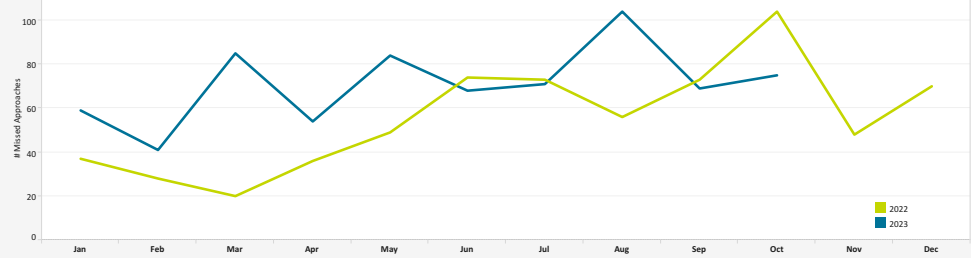


	2019	2020	2021	2022	2023
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.6%	0.7%
Total Arrivals	114,193	64,576	79,016	102,974	90,198
Total Missed Approaches	895	508	470	668	710

Missed Approach Location Statistics

	Aug		Sep		Oct			Aug	Sep	Oct
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	0	2	0	Between 265°-295° Heading (Standard)	64	39	35
Between Noise Dot #2 - JETI	27	6	22	4	16	4	East of Airport	29	12	29
Between JETI - Noise Dot #3	29	1	10	3	12	1	Left of 265°	8	11	10
Between Noise Dot #3 - Noise Dot #4	8	0	9	1	9	1	Right of 295°	4	6	0
Between Noise Dot #4 - Noise Dot #5	0	0	1	0	0	0				

Total Missed Approaches



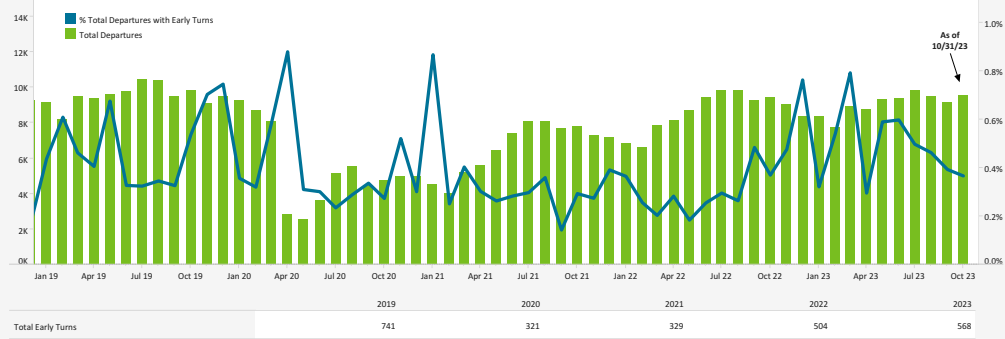
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EARLY TURN STATISTICS



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.

Total Departures Compared to (%) of Early Turns



Departure Statistics

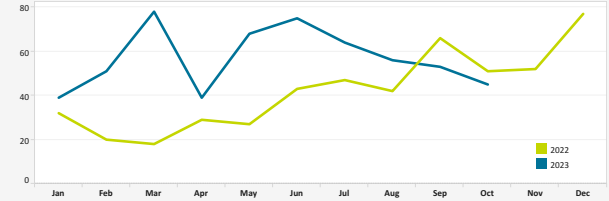
	Aug	Sep	Oct
Jets Turning Left	4,680	4,549	4,827
Between Z2000 and Noise Dots	637	502	505
Compliant with Nighttime departure Heading (290°)	464	382	440
Not Nighttime Compliant - Over La Jolla	23	28	9
Not Nighttime Compliant - Straight Out	2	3	13
Not Nighttime Compliant - East	17	0	1

Cause of Early Turns

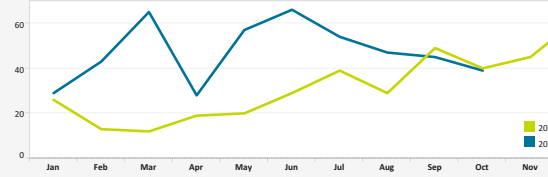
	Aug	Sep	Oct
Caused by ATC Vectors	53	50	39
Caused by Pilot Deviation	1	2	3
Caused by Weather	2	1	3



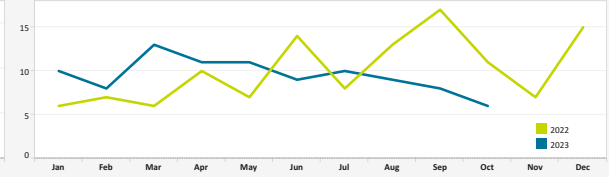
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (October 2023)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	6	6,271	0.1%
United Airlines	3	1,900	0.2%
Delta Air Lines	9	1,637	0.5%
Alaska Airlines	2	1,589	0.1%
American Airlines	6	1,503	0.4%
General Aviation	4	817	0.5%
Frontier Airlines	1	473	0.2%
jetBlue Airways	3	361	0.8%
Flexjet	1	160	0.6%
Swift Air	1	60	1.7%
Delta Private Jets	1	12	8.3%
GOODYEAR LEASING INC	1	8	12.5%
CAPITAL CITY JET CENTER INC	1	2	50.0%

Early Turns by Operator (October 2023)

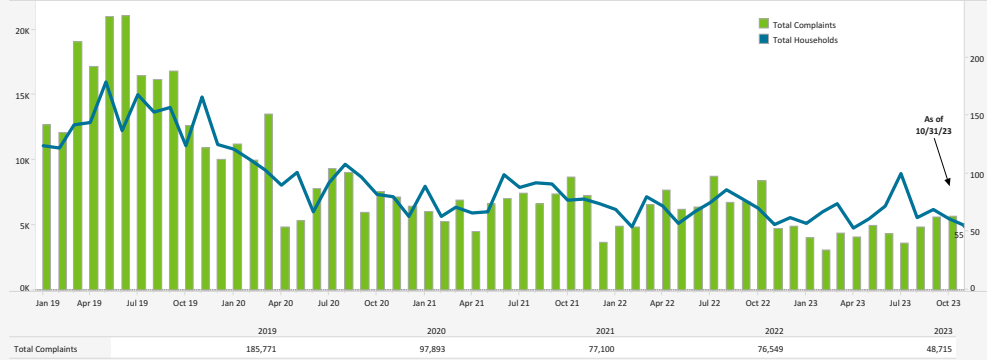
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Netjets	1	378	0.3%
Jazz	1	110	0.9%
Chrysler Aviation Inc	1	18	5.6%
Delta Private Jets	1	12	8.3%
JULIET PAPA FOX	1	2	50.0%
ESPINOSA ARNULFO B	1	2	50.0%

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NOISE COMPLAINT STATISTICS

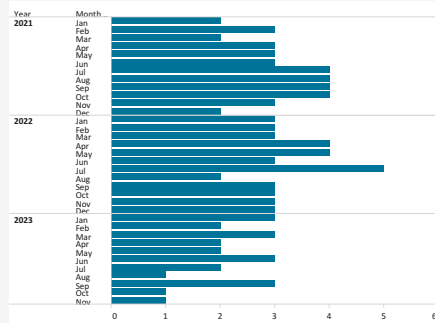


Total Complaints Compared to Total Households

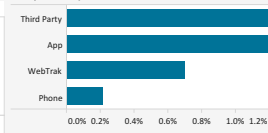


The Authority reports all complaints.

Number of Households with 500+ Complaints per Month



Complaints by Contact Method



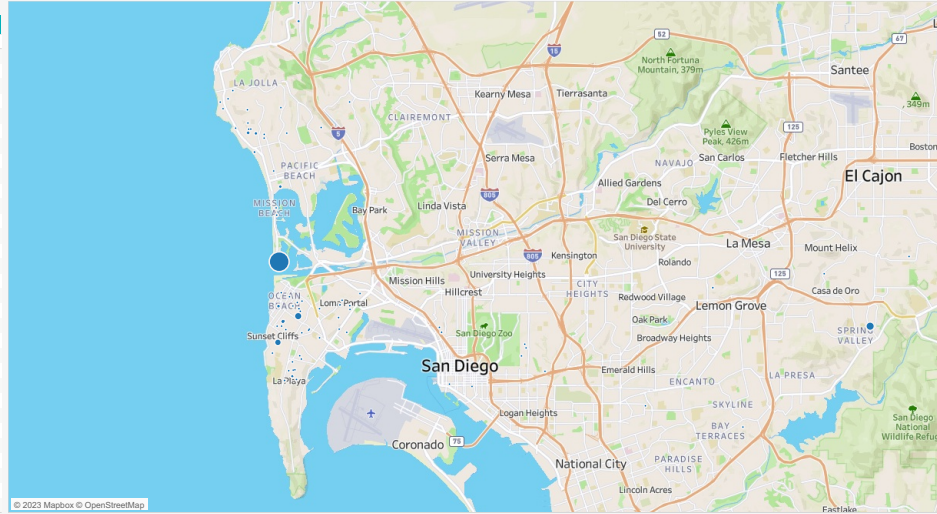
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	9,834	98.8%
Overflight	100	1.0%
Curfew Violation	35	0.4%
Suspected Off Course	14	0.1%
Too Low	6	0.1%
Off Course	4	0.0%
Other	4	0.0%
Increased Flight Volume	3	0.0%

Number of Complaints by Neighborhood (October 2023)

Neighborhood	Total Complaints	Total Households
Grand Total	10,000	82
Mission Beach	6,477	4
Point Loma Heights	987	13
Spring Valley	927	1
Sunset Cliffs	557	3
Bird Rock	233	5
Pacific Beach	116	4
Ocean Beach	115	5
Muirlands	110	3
La Jolla Heights	99	2
Del Mar	96	1
Beach Barber Tract	61	3
La Mesa	50	1
Wooded Area	40	8
Loma Portal	36	6
Roseville-Fleet Ridge	34	4
Bay Terraces	18	1
Casa De Oro-Mount Helix	15	2
Del Mar Heights	7	1
South Park	6	3
Lower Hermosa	3	1
Bankers Hill	2	1
La Jolla Alta	2	1
Bay Ho	1	1
East Village	1	1
Golden Hill	1	1
La Jolla Mesa	1	1
La Playa	1	1
Liberty Station	1	1
Marina/Downtown	1	1
Middletown	1	1
Valencia Park	1	1

Location of Complaints



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