

QUIETER HOME PROGRAM

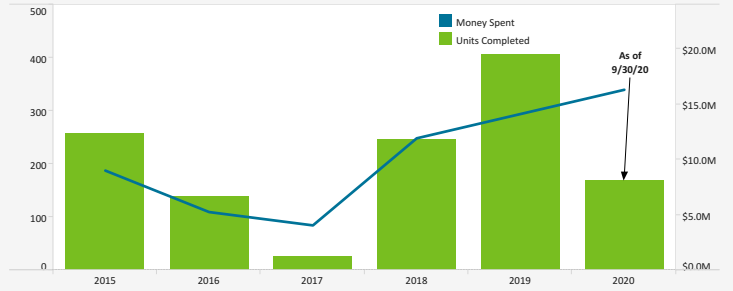


Quieter Home Program As Of: 9/30/2020

Status of Homes	
Homes on Wait List	691
Homes Added to Wait List This Month	3
Homes Completed This Month	13
Estimated Homes to Complete in CY 2020	230
Total Homes Completed	4,395

Project	Estimated Construction Start	# Homes
10.4	In Process	57
10.5	Winter 2020	13
10.6	Winter 2020	27
10.7	Spring 2021	40
10.8	Summer 2021	51
10.9	Winter 2021	18
10.10	Spring 2021	41
10.11	Summer 2021	65
10.12	Summer 2021	21
11.1	Fall 2021	62
11.2	Winter 2022	75

From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,356 Homes



Post – Construction Homeowner Survey Results

Overall Experience

Excellent	Satisfied	Unsatisfied
75%	22%	3%

Effectiveness

Question1	Answer1	Percentage
Effectiveness of Doors	Significant Improvement	82%
	Slight Improvement	13%
	No Improvement	4%
	Not Installed	1%
Effectiveness of Ventilation	Significant Improvement	73%
	Slight Improvement	12%
	No Improvement	8%
	Not Installed	7%
Effectiveness of Windows	Significant Improvement	87%
	Slight Improvement	11%
	No Improvement	2%
	Not Installed	0%

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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.

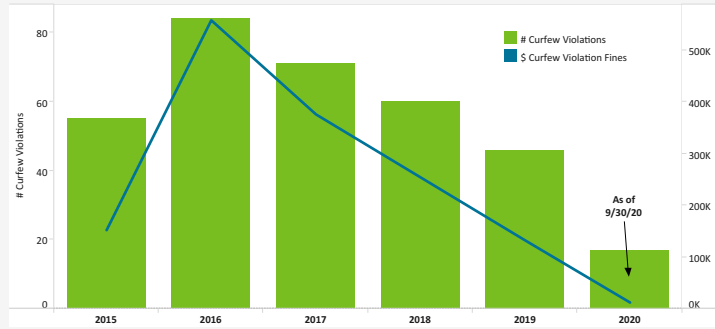
Curfew Violations (September 2020)

Date, Time	Airline	Aircraft Type	No Measure Value
9/27/2020, 11:48 PM	Delta Air Lines	B752	Pending Review

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

Year	Total Violations	Fines Assessed
2015	55	\$152,000
2016	84	\$558,000
2017	71	\$376,000
2018	60	\$254,000
2019	46	\$132,000
2020	17	\$12,000

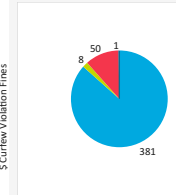
Curfew Violations and Penalties Assessed (by Year)



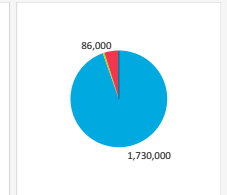
Airline Category

AIR CAR G/A GOV

Violations by Airline Category



Fines Assessed by Category



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	381	\$1,730,000
CAR	8	\$10,000
G/A	50	\$86,000
GOV	1	\$2,000

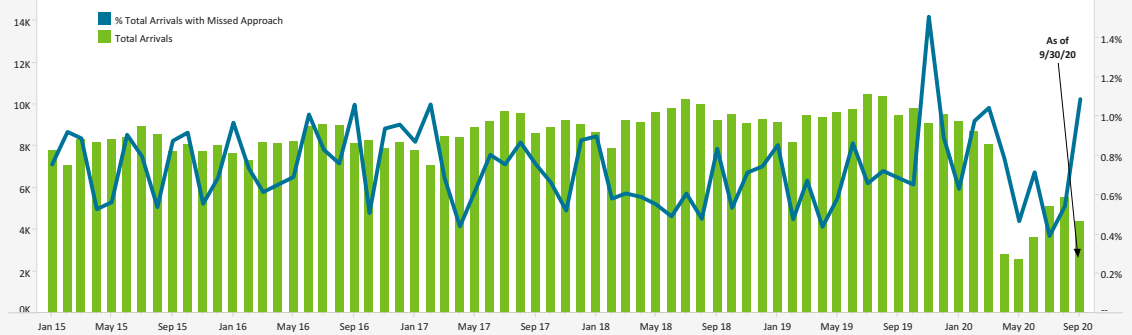
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**MISSSED APPROACH STATISTICS**



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

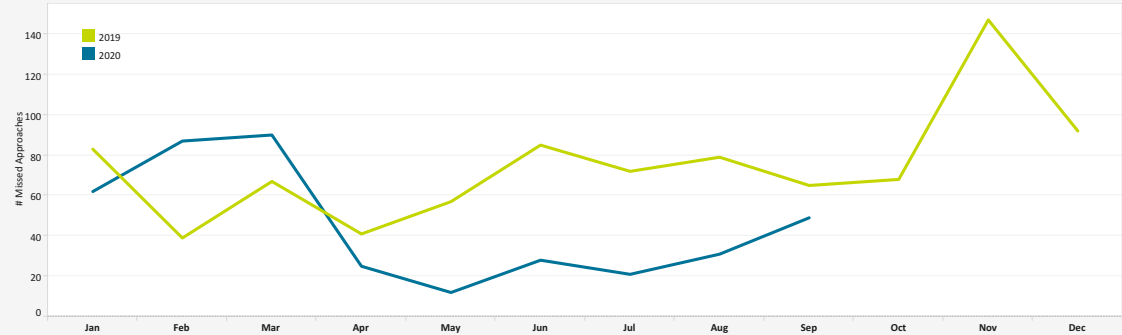


	2015	2016	2017	2018	2019	2020
% Total Arrivals with Missed Approach	0.7%	0.8%	0.7%	0.6%	0.8%	0.8%
Total Arrivals	97,096	98,756	104,725	111,618	114,193	49,971
Total Missed Approaches	760	832	795	721	895	405

Missed Approach Location Statistics

	Jul		Aug		Sep			Jul	Aug	Sep
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	0	0	2	Between 265°-295° Heading (Standard)	18	21	37
Between Noise Dot #2 - JETTI	10	0	14	1	17	1	Left of 265°	2	5	4
Between JETTI - Noise Dot #3	7	1	5	1	16	1	Right of 295°	0	3	2
Between Noise Dot #3 - Noise Dot #4	2	0	4	0	2	0	East of Airport	0	1	6
Between Noise Dot #4 - Noise Dot #5	0	0	1	0	2	0				

Total Missed Approaches



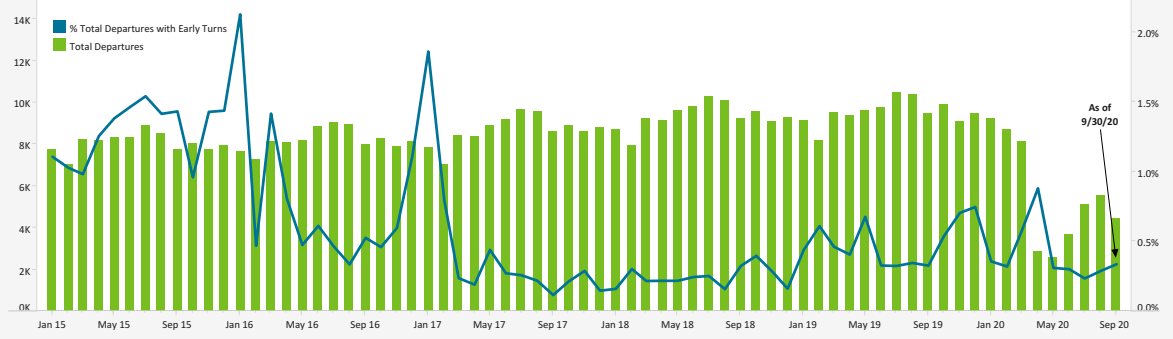
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EARLY TURN STATISTICS



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



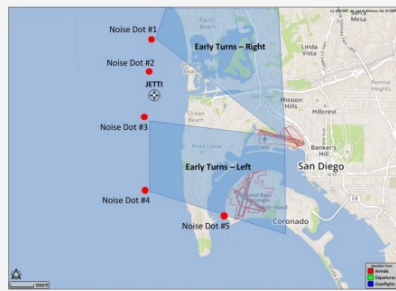
	2015	2016	2017	2018	2019	2020
Total Early Turns	1,421	914	558	395	741	260

Departure Statistics (September 2020)

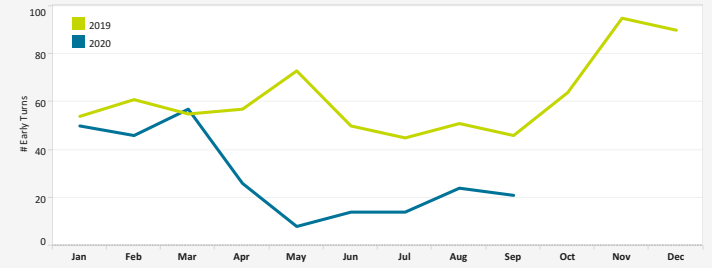
	Jul	Aug	Sep
Jets Turning Left	2,628	2,804	2,300
Between Z2000 and Noise Dots	382	432	305
Compliant with Nighttime departure Heading (290°)	53	33	39
Not Nighttime Compliant - Over La Jolla	19	12	9
Not Nighttime Compliant - East	0	1	1
Not Nighttime Compliant - Straight Out	1	1	0

Cause of Early Turns (September 2020)

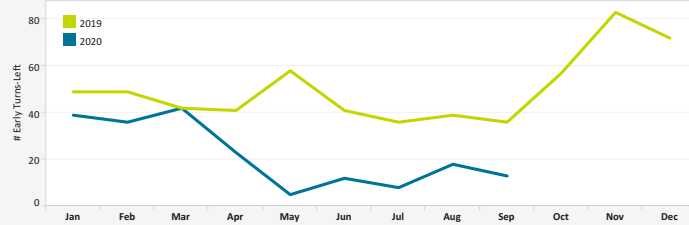
	Jul	Aug	Sep
Caused by ATC Vectors	12	19	12
Caused by Pilot Deviation	2	5	9
Caused by Weather	0	0	0



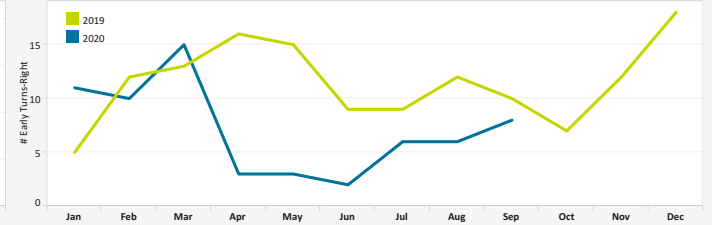
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (September 2020)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
General Aviation	4	1,390	0.3%
Southwest Airlines	3	2,455	0.1%
American Airlines	3	800	0.4%
SkyWest Airlines	1	969	0.1%
Frontier Airlines	1	194	0.5%
Delta Air Lines	1	950	0.1%

Early Turn by Operator (September 2020)

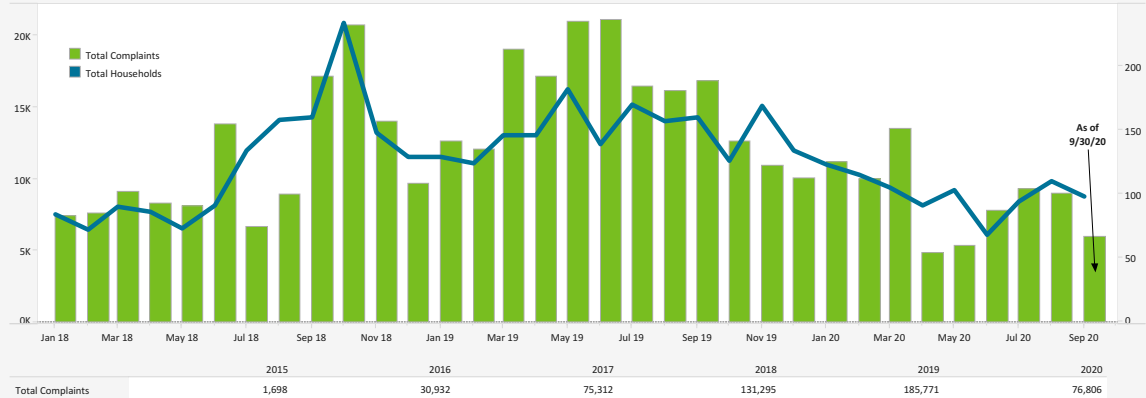
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	6	1,390	0.4%
SkyWest Airlines	1	969	0.1%
American Airlines	1	800	0.1%

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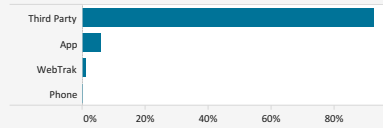
**NOISE COMPLAINT STATISTICS**



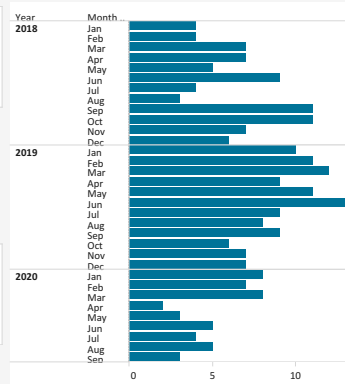
Total Complaints Compared to Total Households



Complaints by Contact Method (September 2020)



Number of Households with 500+ Complaints per Month

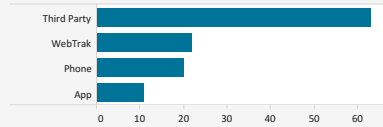


Disturbance Type (September 2020)

Disturbance Type	# Complaints AMAC R21	% of Total # Complaints along T...
Too Loud	5,800	97.6%
Too Low	41	0.7%
Suspected Off Course	40	0.7%
Overflight	39	0.7%
Curfew Violation	18	0.3%
Other	3	0.1%
Pollution	1	0.0%

The Authority reports all complaints.

Households with Complaints by Contact Method (September 2020)



Number of Complaints by Neighborhood (September 2020)

Neighborhood	Total Complaints	Total Households
Grand Total	5,942	98
Mission Beach	2,366	7
Point Loma Heights	1,076	12
Sunset Cliffs	525	5
Ocean Beach	479	4
Spring Valley	409	1
Bird Rock	324	9
La Jolla Heights	220	2
Del Mar Heights	113	2
Pacific Beach	91	6
The Muirlands	46	4
Upper Hermosa	44	3
Loma Portal	39	6
Lower Hermosa	30	2
Roseville-Fleet Ridge	29	3
Beach Barber Tract	28	3
Wooded Area	28	5
El Cerrito	26	1
La Playa	22	4
San Carlos	16	1
Casa De Oro-Mt. Helix	7	4
La Mesa	5	1
Bankers Hill	4	2
Imperial Beach	3	1
La Jolla Village	3	1
Alpine	1	1
Hidden Valley	1	1
La Jolla Alta	1	1
La Jolla Shores	1	1
Loma Portal	1	1
Middletown	1	1
Ocean Beach	1	1
South Park	1	1
Spring Valley	1	1

Location of Complaints (September 2020)



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