

QUIETER HOME PROGRAM

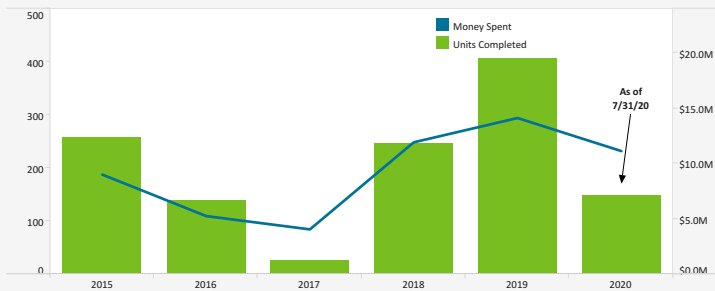


Quieter Home Program As Of: 7/31/2020

Status of Homes	
Homes on Wait List	738
Homes Added to Wait List This Month	15
Homes Completed This Month	7
Estimated Homes to Complete in CY 2020	230
Total Homes Completed	4,375

Project	Estimated Construction Start	# Homes
10.3	Underway	10
10.4	Summer 2020	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

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	74%
	Slight Improvement	12%
	No Improvement	8%
	Not Installed	6%
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 - July, 2020

Date, Time	Airline	Aircraft Type	No Measure Value
7/14/2020, 12:04 AM	Starflite Aviation	GLF4	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	15	\$6,000

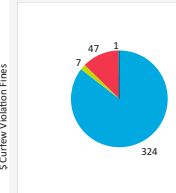
Curfew Violations and Penalties Assessed (by Year)



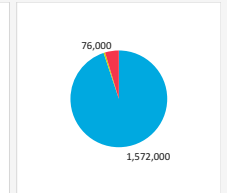
Airline Category

AIR CAR G/A

Violations by Airline Category



Fines Assessed by Category



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	324	\$1,572,000
CAR	7	\$8,000
G/A	47	\$76,000
GOV	1	\$0

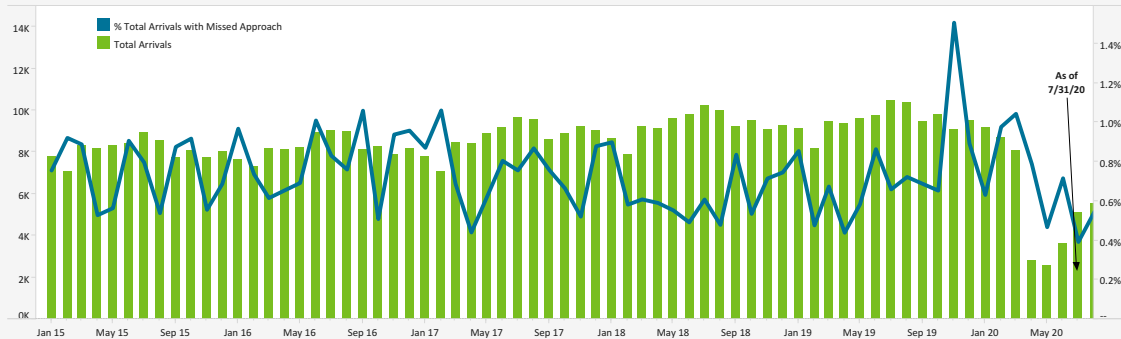
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MISSSED APPROACH STATISTICS



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

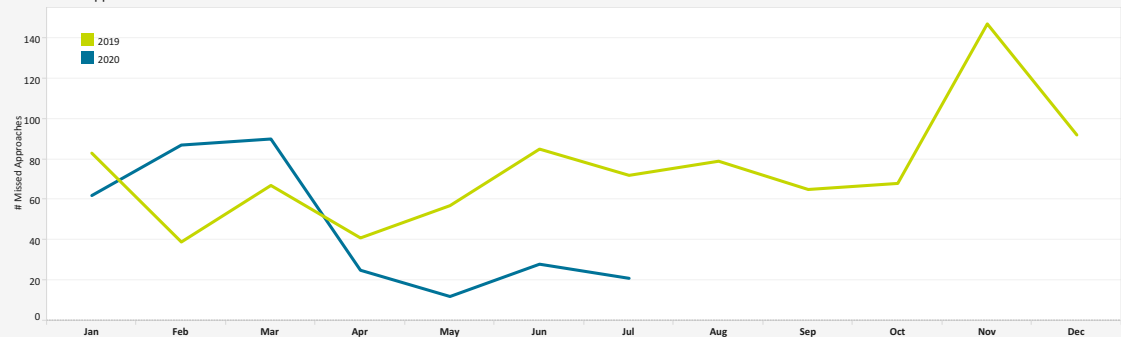


	2015	2016	2017	2018	2019	2020
% Total Arrivals with Missed Approach	0.7%	0.8%	0.7%	0.6%	0.8%	0.8%
Total Arrivals	97,096	98,756	104,725	111,618	114,193	40,037
Total Missed Approaches	760	832	795	721	895	325

Missed Approach Location Statistics

	May		Jun		Jul			May	Jun	Jul
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0		1		0	0	Between 265°-295° Heading (Standard)	12	23	18
Between Noise Dot #2 - JETTI	10		12		10	0	East of Airport	0	2	0
Between JETTI - Noise Dot #3	2		10		7	1	Left of 265°	0	2	2
Between Noise Dot #3 - Noise Dot #4	0		0		2	0	Right of 295°	0	1	0
Between Noise Dot #4 - Noise Dot #5	0		0		0	0				

Total Missed Approaches



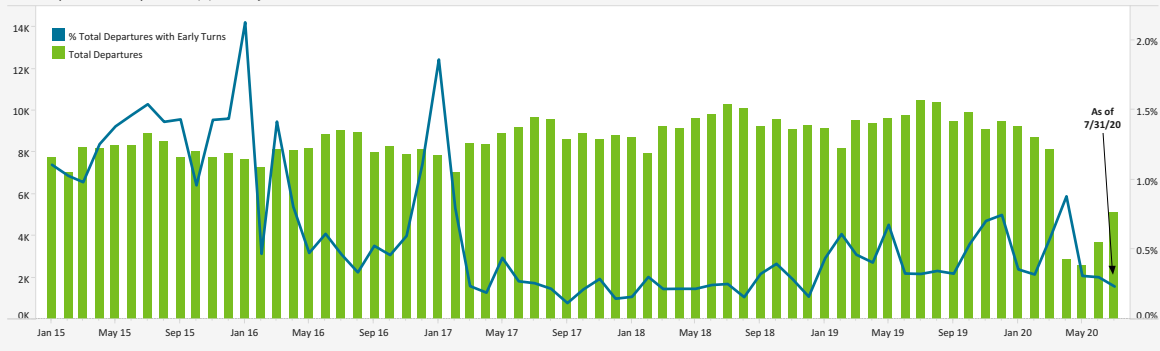
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EARLY TURN STATISTICS



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



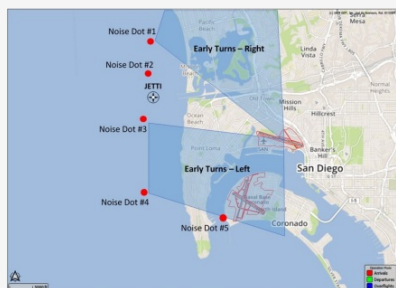
	2015	2016	2017	2018	2019	2020
Total Early Turns	1,421	914	558	395	741	215

Departure Statistics (July 2020)

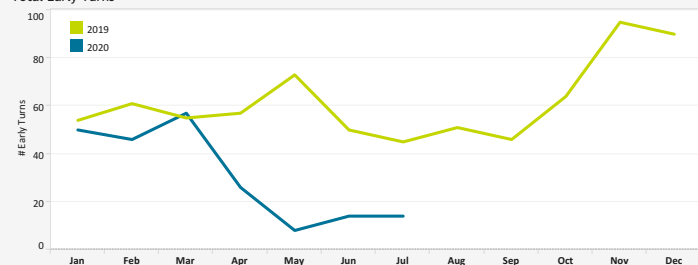
	May	Jun	Jul
Jets Turning Left	1,130	1,690	2,628
Between Z2000 and Noise Dots	250	227	382
Compliant with Nighttime departure Heading (290°)	10	20	53
Not Nighttime Compliant - Straight Out	0	0	1
Not Nighttime Compliant - East	0	0	0
Not Nighttime Compliant - Over La Jolla	3	0	19

Cause of Early Turns (July 2020)

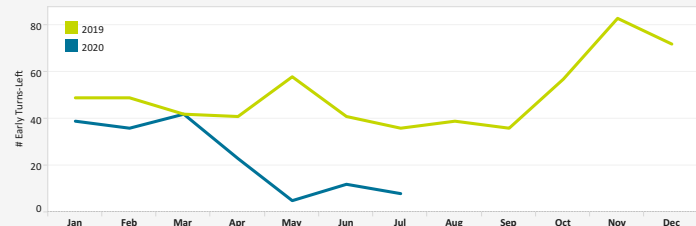
	May	Jun	Jul
Caused by ATC Vectors	8	11	12
Caused by Pilot Deviation	0	4	2
Caused by Weather	0	0	0



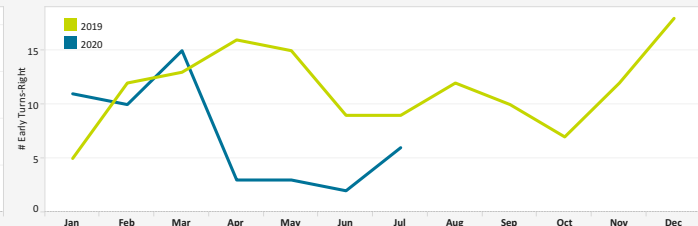
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (July 2020)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
General Aviation	3	1,216	0.2%
Allegiant Air	1	162	0.6%
American Airlines	1	882	0.1%
Frontier Airlines	1	148	0.7%
Southwest Airlines	1	3,577	0.0%
Spirit Airlines	1	351	0.3%

Early Turn by Operator (July 2020)

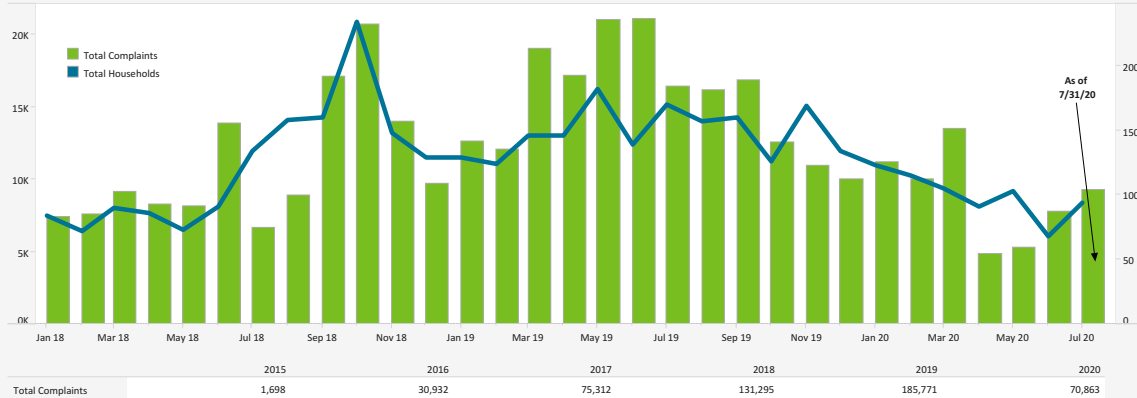
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	6	1,216	0.5%

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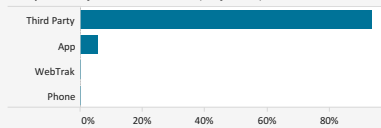
NOISE COMPLAINT STATISTICS



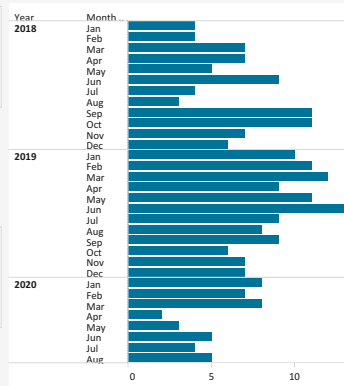
Total Complaints Compared to Total Households



Complaints by Contact Method (July 2020)



Number of Households with 500+ Complaints per Month

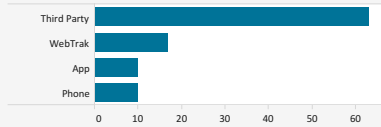


Disturbance Type (July 2020)

Disturbance Type	# Complaints AMAC R21	% of Total # Complaints along T...
Too Loud	9,117	98.2%
Overflight	73	0.8%
Too Low	31	0.3%
Suspected Off Course	24	0.3%
Pollution	20	0.2%
Curfew Violation	16	0.2%
Other	6	0.1%

The Authority reports all complaints.

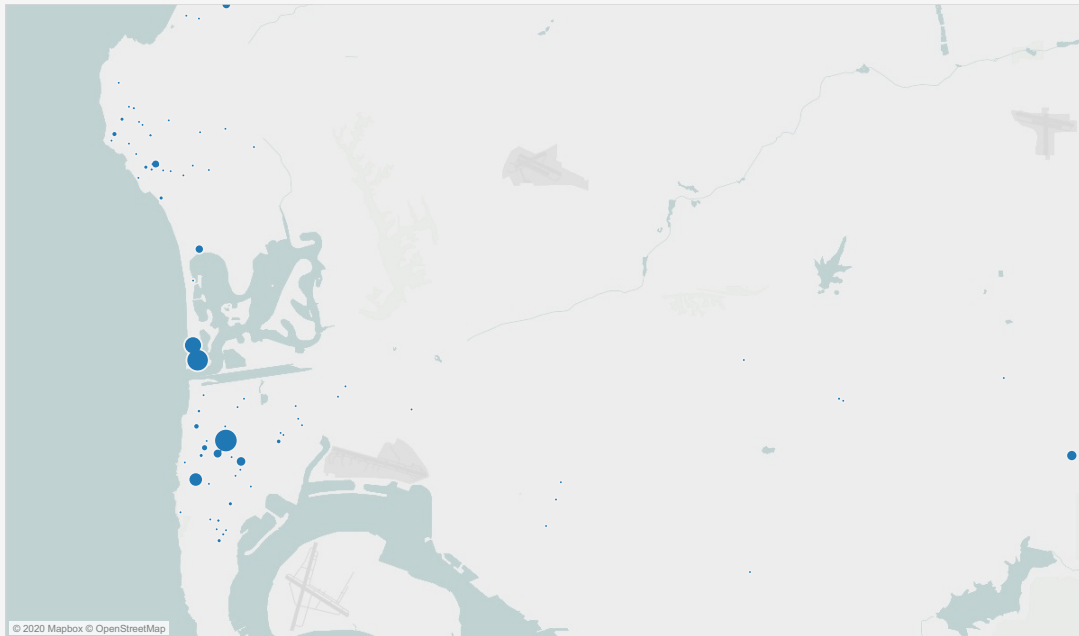
Households with Complaints by Contact Method (July 2020)



Number of Complaints by Neighborhood (July 2020)

Neighborhood	Total Complaints	Total Households
Grand Total	9,287	94
Mission Beach	3,297	6
Point Loma Heights	3,061	8
Sunset Cliffs	763	4
Spring Valley	412	1
Bird Rock	355	6
La Jolla Heights	281	2
Pacific Beach	274	4
Del Mar Heights	186	2
Ocean Beach	136	6
Lower Hermosa	80	2
La Playa	73	4
Loma Portal	68	6
Beach Barber Tract	66	3
Roseville-Fleet Ridge	57	3
The Muirlands	32	8
Wooded Area	29	3
La Mesa	20	2
La Jolla Mesa	17	2
Alpine	14	1
Casa De Oro-Mt. Helix	13	3
Carlsbad	11	1
La Jolla Shores	11	2
Upper Hermosa	11	2
Golden Hill	4	1
Carmel Valley	3	1
La Jolla Alta	3	1
South Park	2	2
El Cerrito	1	1
Imperial Beach	1	1
La Jolla Village	1	1
Midway	1	1
Midway District	1	1
Mission Hills	1	1
Soledad South	1	1
Valencia Park	1	1

Location of Complaints (July 2020)



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