



SAN DIEGO
INTERNATIONAL AIRPORT

LET'S **GO.**

Airport Noise Advisory Committee

August 17, 2016

Agenda

1. Welcome and Introductions (4:00 - 4:10 p.m.)
2. Presentation Items (4:10 - 5:00 p.m.)
 - a. Quieter Home Program Update
 - b. Curfew Violation Review Panel
 - c. Missed Approach
 - d. Early Turn Statistics
 - e. Noise Complaint Statistics
 - f. Metroplex Update
3. Public Comment (5:00 - 5:40 p.m.)
4. Approval of June 15, 2016 Minutes (5:40 – 5:45 p.m.)
5. Information Items (5:45 – 6:00 p.m.)
 - a. Airport Authority Update
 - b. ANAC Policy 9.20 Update
6. New Business
 - a. Election of Community Group Member
 - b. Election of Chair of Subcommittee
7. Next Meeting: October 19, 2016
8. Adjourn



Quieter Home Program Update

PROGRAM STATISTICS	
Applicants / Homes on the Wait List	652/1,396
Homes Completed in June & July 2016	45
Estimated Homes to Complete in CY 2016	136
Total Completed Homes (through July 31, 2016)	3,444

Updates

- Continued coordination with the FAA on allowable treatments for the Program, HVAC & Electrical Scope.
- Revising construction contract documents to meet requirements of FAA.

Curfew Violation Review

Date	Time	RWY	Operator / Flight ID	Aircraft	Amount Fined
6/02/16	2344	9	Golden State Air Charter (N38JV)	Beech King Air (B200)	\$0
6/04/16	0016	27	Zetta Jet (N688ZJ)	Bombardier Global Express (GLEX)	\$2,000
6/06/16	0110	27	jetBlue Airways Flt 90	Airbus A320-232 (A320)	\$12,000
6/06/16	0137	27	Air Canada Rouge Flt 1884	Airbus A319-114 (A319)	\$6,000
6/09/16	0114	27	British Airways Flt 72A	Boeing 747-400 (B744)	\$10,000
6/24/16	2344	27	American Airlines Flt 579	Airbus A321-231 (A320)	\$6,000
7/03/16	0009	27	British Airways Flt 72A	Boeing 747-400 (B744)	\$6,000
7/07/16	2333	27	Air Canada Rouge Flt 1884	Airbus A319-113(A319)	\$4,000
7/09/16	0018	27	British Airways Flt 72A	Boeing 747-400 (B744)	\$18,000
7/11/16	0003	27	Pegasus Elite Aviation (N472MM)	Gulfstream IV (G-IV)	Pot. \$2,000
7/18/16	0038	27	Air Canada Rouge Flt 1884	Airbus A319-113 (A319)	Pot. \$12,000
7/20/16	0138	27	Delta Air Lines Flt 102	Boeing 757-351 (B757)	Pot. \$4,000
7/21/16	0047	27	N525DE	Cessna 525B (C525B)	Pot. \$2,000
7/21/16	0120	27	Eastern Airlines Flt 6533	Boeing 737-7L9 (B737)	Pot. \$2,000

Date	Time	RWY	Operator / Flight ID	Aircraft	Amount Fined
7/21/16	2342	27	Delta Air Lines Flt 102	Boeing 767-332 (B763)	Pot. \$12,000
07/21/16	0026	27	Paramount Pictures Corp (N75VB)	Gulfstream IV (G-IV)	Pot. \$2,000
7/26/16	0031	27	Delta Air Lines Flt 901	Boeing 757-232 (B752)	Pot. \$20,000
7/26/16	0150	27	jetBlue Airways Flt 530	Airbus A320-232 (A320)	Pot. \$4,000
7/31/16	2330	27	Southwest Airlines Flt 9028	Boeing 737-3H4 (B733)	Pot. \$2,000
7/31/16	2335	27	Delta Air Lines Flt 102	Boeing 737-932 (B739)	Pot. \$20,000

Curfew Violation Review Panel Stats

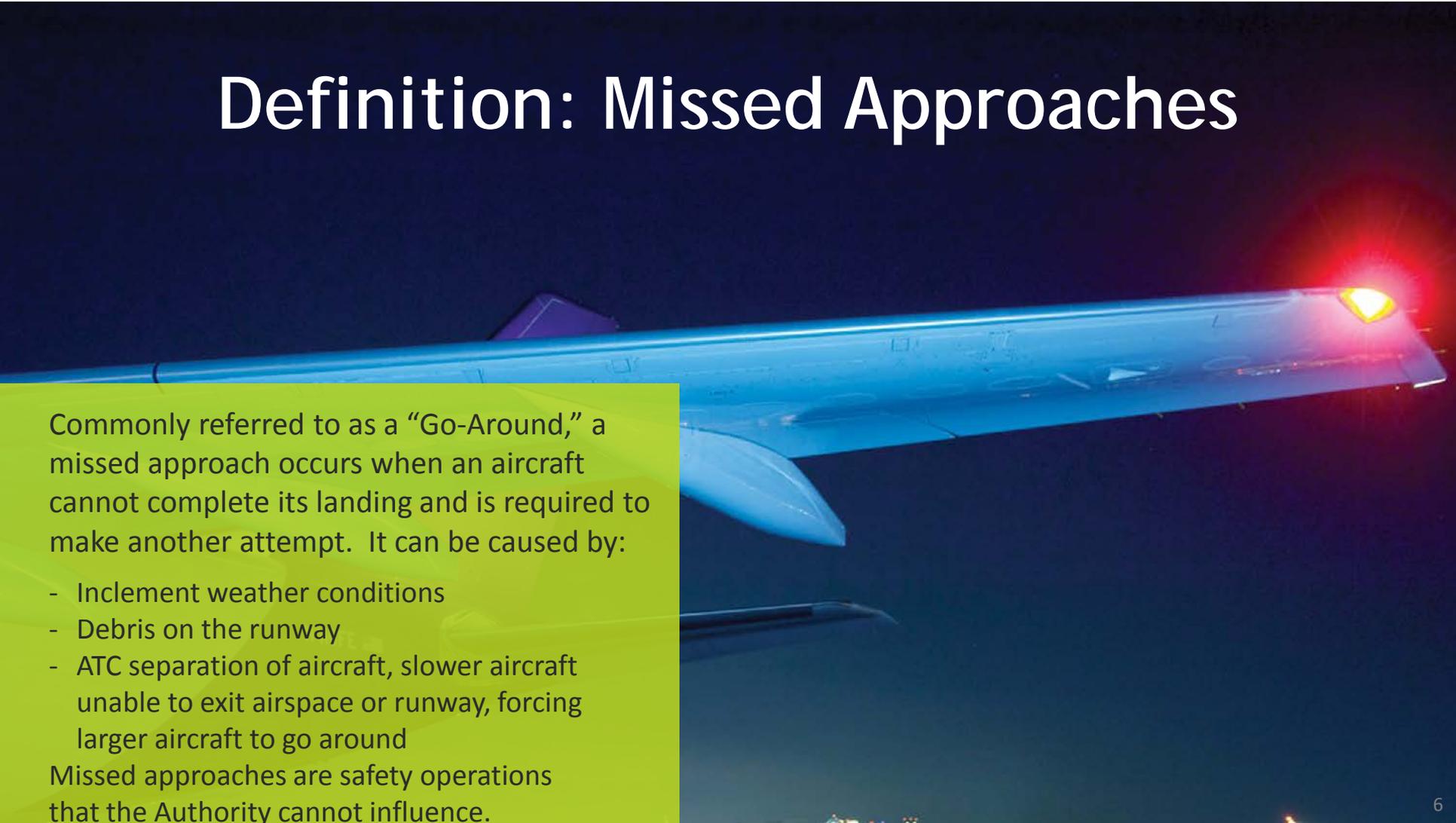
Year	Total Curfew Violations
2012	36
2013	60
2014	47
2015	30
2016*	35

*Through July 31, 2016

June - July 2016 Curfew Violations

- 20 Violations
- Seven more than last year at this time
- Nine were reviewed at Aug 3rd CVRP all but one was penalized

Definition: Missed Approaches



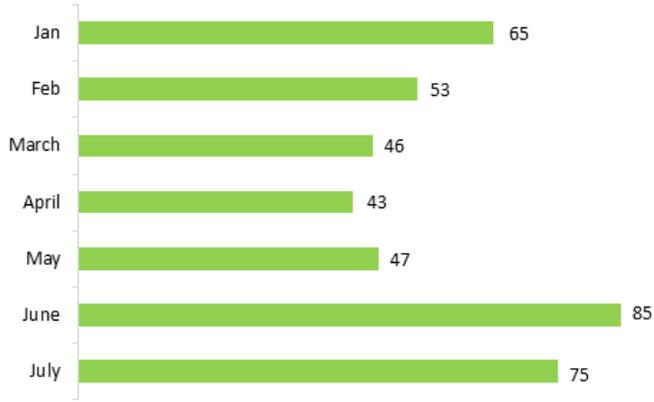
Commonly referred to as a “Go-Around,” a missed approach occurs when an aircraft cannot complete its landing and is required to make another attempt. It can be caused by:

- Inclement weather conditions
- Debris on the runway
- ATC separation of aircraft, slower aircraft unable to exit airspace or runway, forcing larger aircraft to go around

Missed approaches are safety operations that the Authority cannot influence.

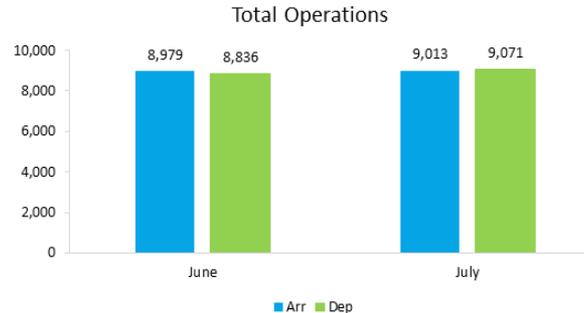
Missed Approach Statistics

2016 Missed Approaches by Month



- Tracking slightly lower than last year at this time (Through July 2015 = 433).
- Tracking higher than previous months this year.

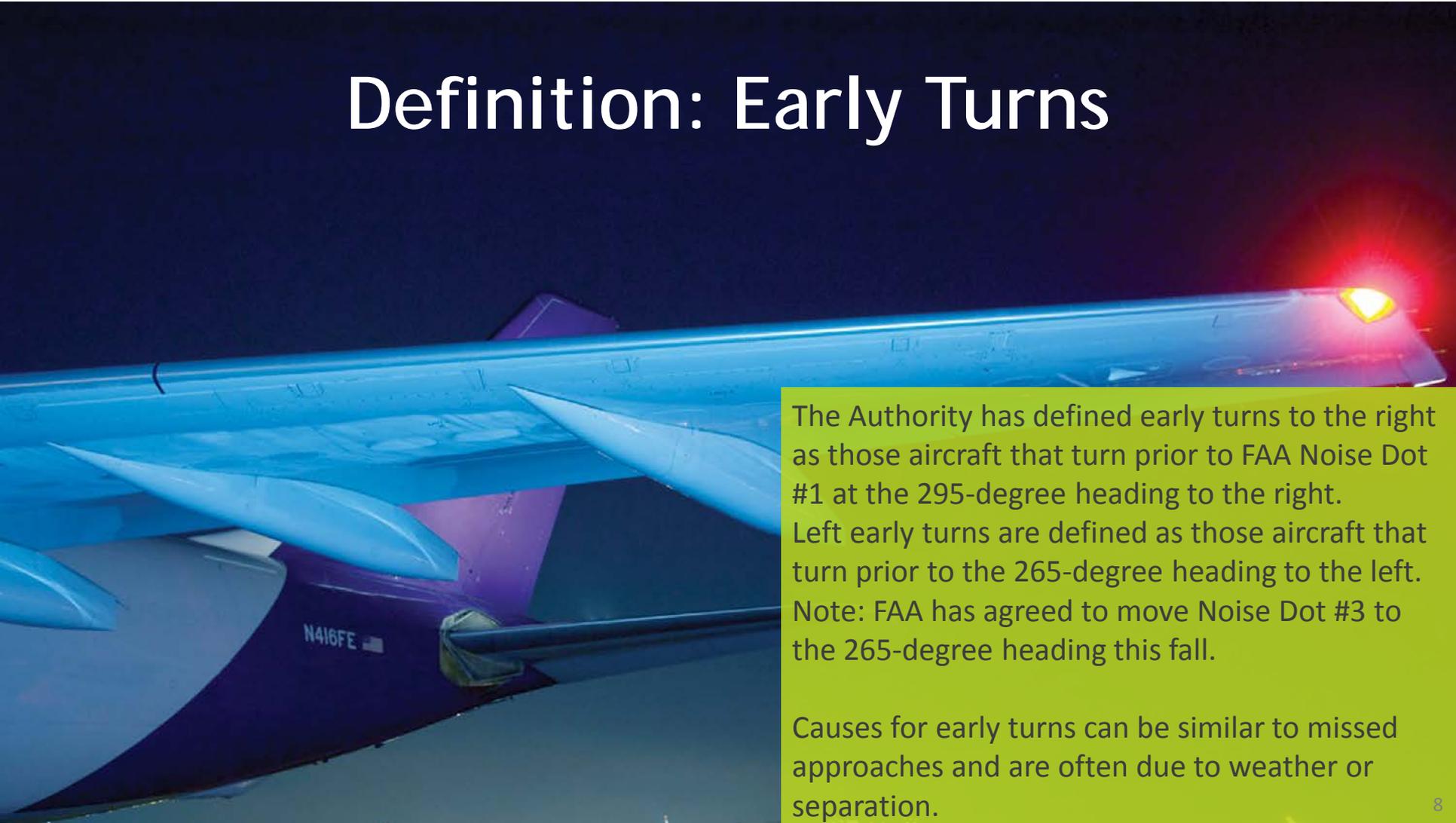
Of the 160 Missed Approaches in June & July, **106 were compliant with the FAA Noise Dots**, one was due to contra flow operations.



YEAR	Total Missed Approaches
2012	692
2013	659
2014	637
2015	748
2016	414*

*Through July 31, 2016

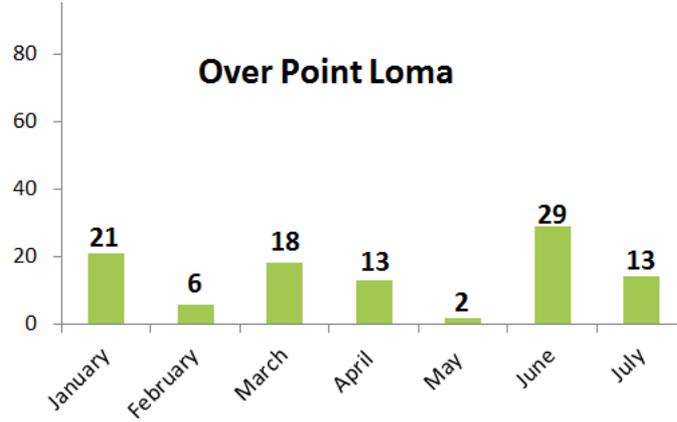
Definition: Early Turns



The Authority has defined early turns to the right as those aircraft that turn prior to FAA Noise Dot #1 at the 295-degree heading to the right. Left early turns are defined as those aircraft that turn prior to the 265-degree heading to the left. Note: FAA has agreed to move Noise Dot #3 to the 265-degree heading this fall.

Causes for early turns can be similar to missed approaches and are often due to weather or separation.

Early Turn Statistics - Left

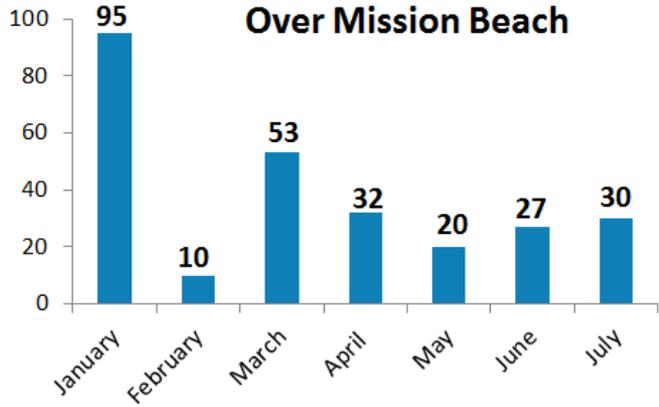


June & July 2016 Early Turns to the LEFT

- Increase over this time last year.
- Overall, less than one early turn per day.

Count	Airline	Aircraft
13	General Aviation	-
8	Southwest Airlines	B737
6	United Airlines	B739, A319, A320, B738
6	Delta Air Lines	MD90, B739, B752
6	American Airlines	A321, B738
2	jetBlue	A320
1	Skywest	CRJ

Early Turn Statistics - Right



Count	Airline	Aircraft
41	General Aviation	-
9	United Airlines	B739, A319, A320, B738
3	Southwest Airlines	B737
2	American Airlines	A321, B738
1	Air Canada Rouge	A319
1	Skywest	E175



June & July 2016 Early Turns to the RIGHT

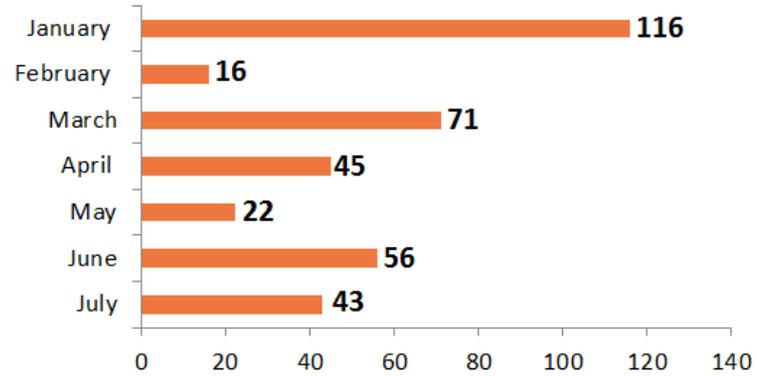
- Tracking higher than last year.
- Less than one early turn per day.

Early Turn Statistics

YEAR	Total Early Turns
2012	175
2013	096
2014	260
2015	395
2016*	369

*Through July 31, 2016

2016 Early Turns by Month



From June 1 - July 31, 2016 there were

17,687

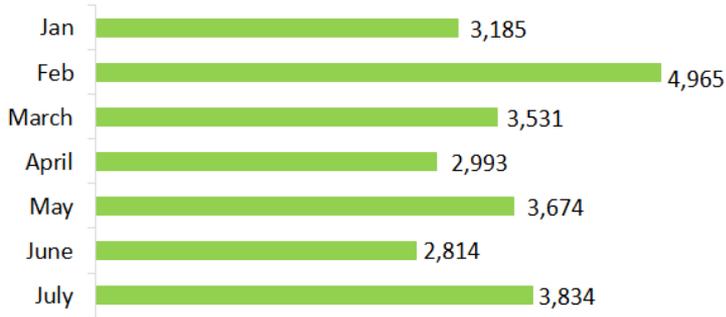
Departures to the west.

0.6%

Were early turns.

Noise Complaint Statistics

2016 Complaints by Month

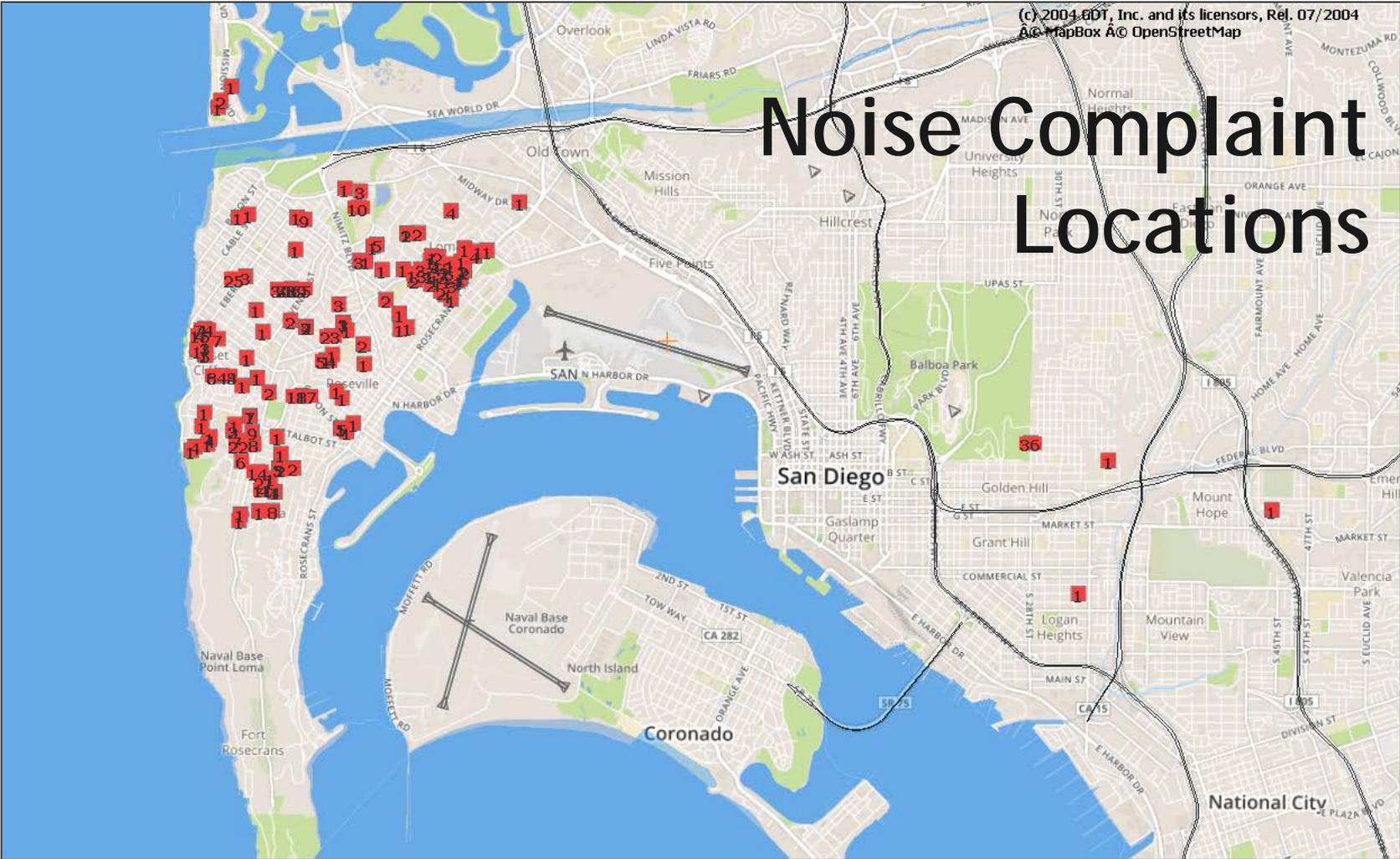


YEAR	Total Complaints
2012	232
2013	172
2014	156
2015	3,926
2016*	24,996



During June - July, 2016: 974 (14%) Noise Complaints were correlated to a noise event associated with San Diego International Airport aircraft operation.

Noise Complaint Locations



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