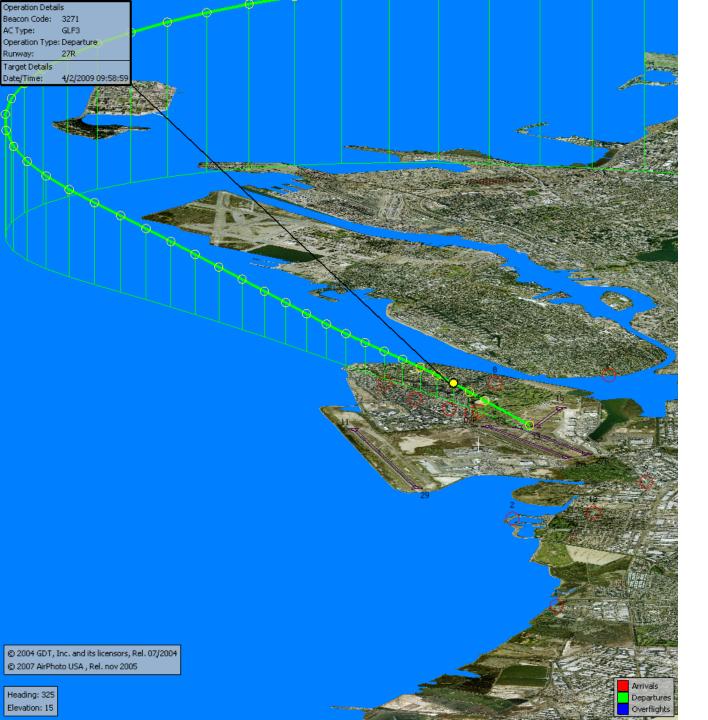
## NOISE FORUM SUMMARY

**North/South Field Working Groups** 

NOISE ABATEMENT REPORT FOURTH QUARTER 2011



Runway 27L/R Jet Departure NAP

2011Q4 96% Compliance (2,093 departures)

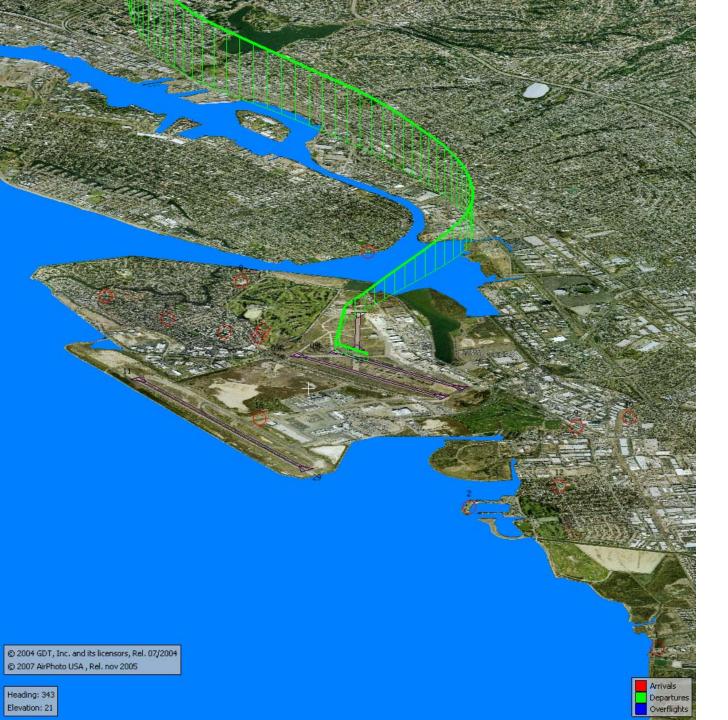
2010Q4 97% Compliance (2,028 departures)



Runway 09L/R Jet Landing NAP

2011Q4 89% Compliance (96 landings)

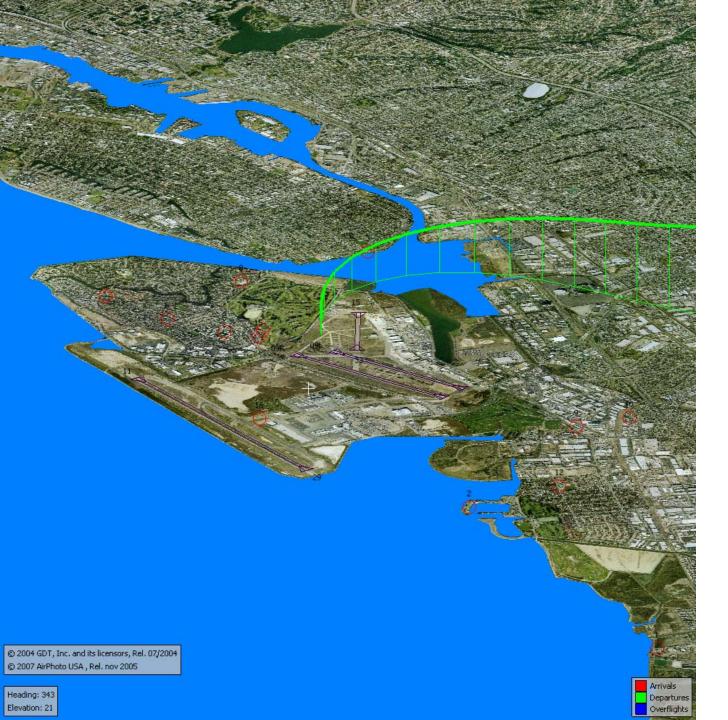
2010Q4 72% Compliance (278 landings)



VFR Aircraft Departure NAP

2011Q4 95% Compliance (920 departures)

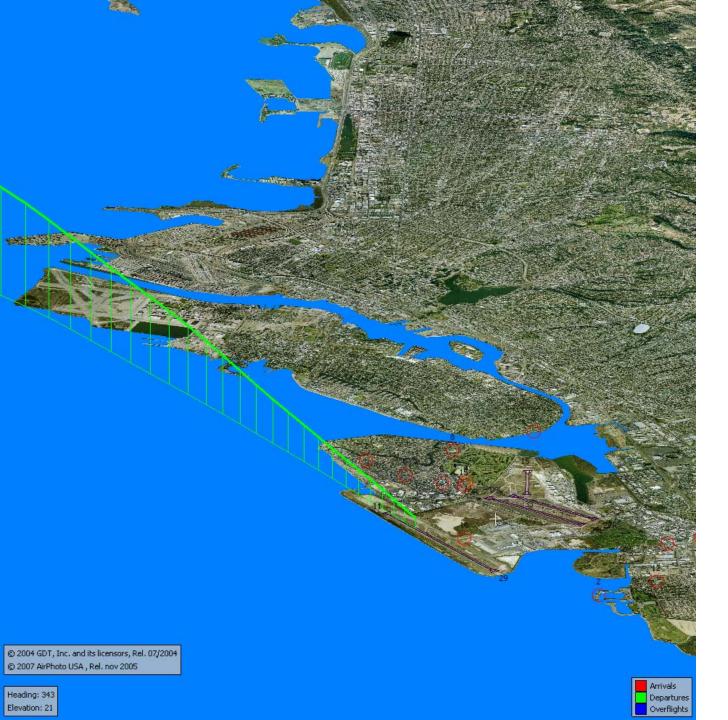
2010Q4 98% Compliance (1,333 departures)



North Field Quiet Hours NAP

2011Q4 85% Compliance (393 departures)

2010Q4 95% Compliance (578 departures)



Runway 29 Bay Farm Right Turn NAP

2011Q4 100% Compliance (15,494 departures)

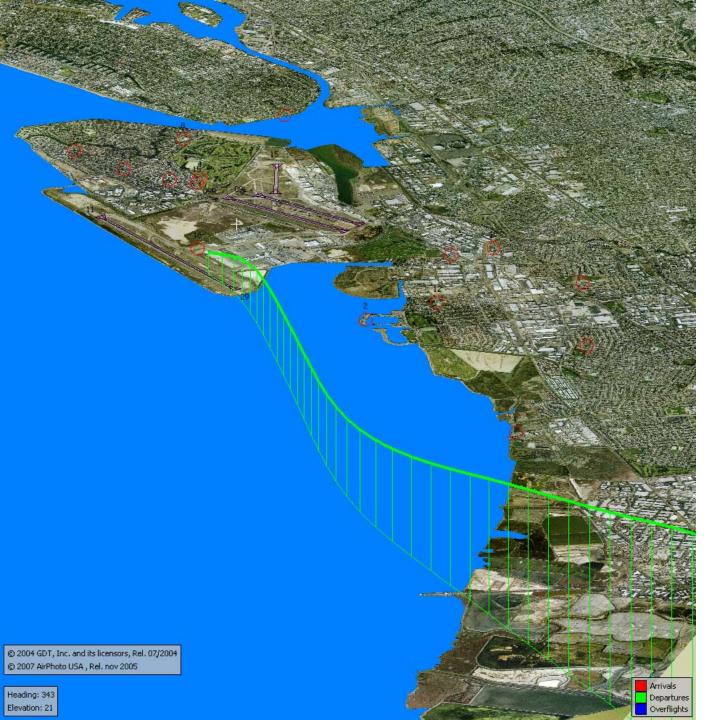
2010Q4 100% Compliance (13,633 departures)



Silent7 Night Departure NAP

2011Q4 93% Compliance (2,956 departures)

2010Q4 99% Compliance (2,248 departures)



Runway 11 Night Departure NAP

2011Q4 96% Compliance (79 departures)

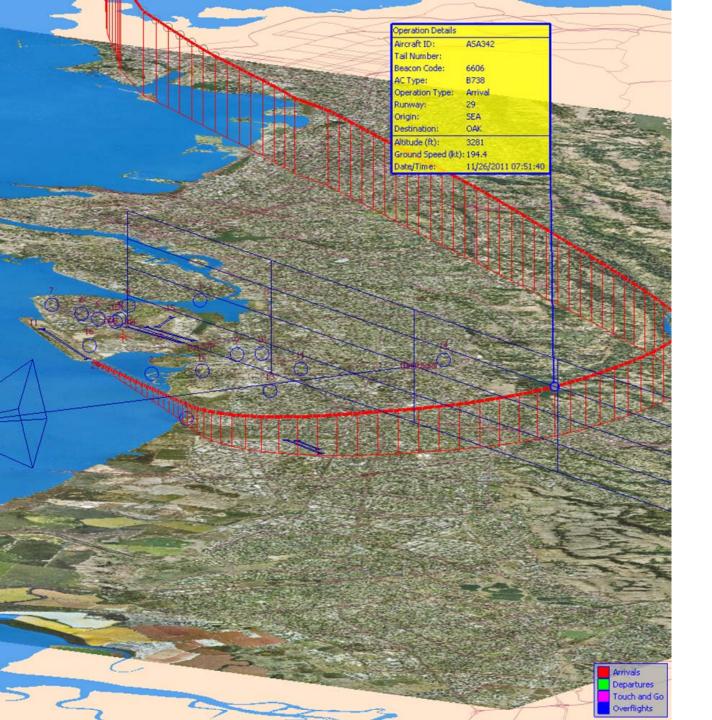
2010Q4 96% Compliance (171 departures)



## Runway 29 East Turn NAP

2011Q4 99% Compliance (4,054 departures)

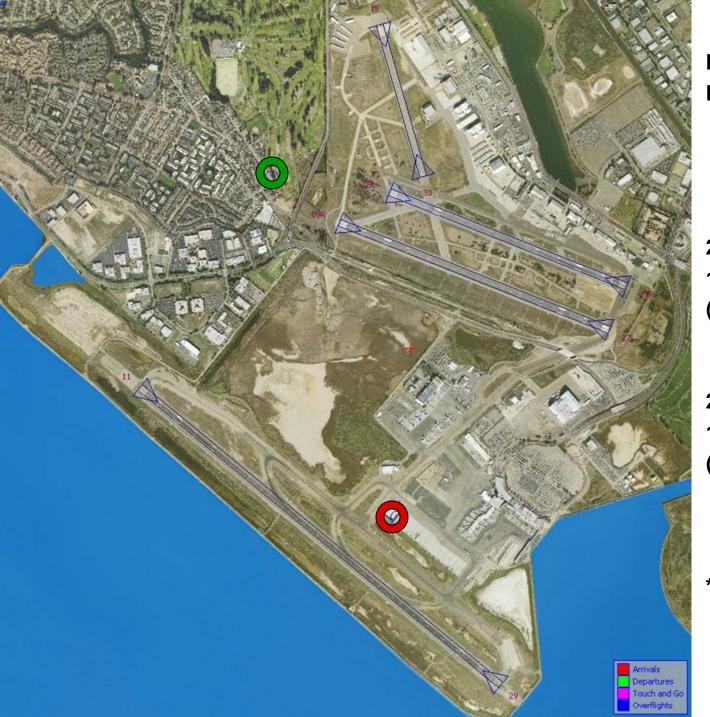
2010Q4 96% Compliance (3,886 departures)



100 Degree Radial At 3,000 ft. NAP

2011Q4 93% Compliance (2,525 landings)

2010Q4 87% Compliance (2,431 landings)



Engine Run-up NAP

2011Q4 100% Compliance (16 engine run-ups)\*

2010Q4 100% Compliance (58 engine run-ups)

\*Only above idle-power run-ups recorded.

			Table 1	. North Field Nig Tota		Departure Departure		surements	5		
				Fourth Qu	uarter 2011	(10:00 p.m.	to 6:00 a.m.)				
NMT	NMT Aircraft Noise		Aircraft Noise Events SEL 80 - 84.9 dBA			Aircraft Nois SEL 85 - 89		Aircraft Noise Events SEL ≥ 90 dBA			Total Aircraft
Number	Events Below SEL 80 dBA	Amount	Nightly Average	As Percentage of Departures	Amount	Nightly Average	As Percentage of Departures	Amount	Nightly Average	As Percentage of Departures	Noise Events
1	5	0	0.0	0.0%	2	0.0	0.4%	0	0.0	0.0%	7
2	128	10	0.1	1.8%	4	0.0	0.7%	0	0.0	0.0%	142
3	31	6	0.1	1.1%	0	0.0	0.0%	0	0.0	0.0%	37
4	114	31	0.3	5.5%	23	0.3	4.1%	12	0.1	2.1%	180
5	61	12	0.1	2.1%	1	0.0	0.2%	10	0.1	1.8%	84
6	16	4	0.0	0.7%	4	0.0	0.7%	7	0.1	1.2%	31
7	16	4	0.0	0.7%	7	0.1	1.2%	0	0.0	0.0%	27
8	27	14	0.2	2.5%	5	0.1	0.9%	0	0.0	0.0%	46
9	50	21	0.2	3.7%	8	0.1	1.4%	3	0.0	0.5%	82
10	109	41	0.5	7.2%	3	0.0	0.5%	0	0.0	0.0%	153
11	6	5	0.1	0.9%	0	0.0	0.0%	0	0.0	0.0%	11
12	115	13	0.1	2.3%	4	0.0	0.7%	3	0.0	0.5%	135
13	6	2	0.0	0.4%	1	0.0	0.2%	0	0.0	0.0%	9
14	24	0	0.0	0.0%	0	0.0	0.0%	0	0.0	0.0%	24
All NMTs	708	163	2	0	62	1	0	35	0	0	968

				Fourth Qua	arter 2011 (	10:00 p.m.	to 6:00 a.m.)				
NMT Number	Aircraft Noise Events Below SEL 80 dBA	Aircraft Noise Events SEL 80 - 84.9 dBA			Aircraft Noise Events SEL 85 - 89.9 dBA			Aircraft Noise Events SEL ≥ 90 dBA			Total Aircraft
		Amount	Nightly Average	As Percentage of Departures	Amount	Nightly Average	As Percentage of Departures	Amount	Nightly Average	As Percentage of Departures	Noise Events
3	31	6	0.1	2.5%	0	0.0	0.0%	0	0.0	0.0%	37
4	114	31	0.3	13.0%	23	0.3	9.6%	12	0.1	5.0%	180
5	61	12	0.1	5.0%	1	0.0	0.4%	10	0.1	4.2%	84
6	16	4	0.0	1.7%	4	0.0	1.7%	7	0.1	2.9%	31
7	16	4	0.0	1.7%	7	0.1	2.9%	0	0.0	0.0%	27
8	27	14	0.2	5.9%	5	0.1	2.1%	0	0.0	0.0%	46
0	21	1-4	0.2		Ŭ	••••		U U	0.0		
Total	265	71	0.8	EL Noise Measur	40	0.4	dro - Total Aircra	29	0.3		405
-		71 Table 3.	0.8	Fourth Qua	40 rements in arter 2011 (	0.4 San Lean	to 6:00 a.m.)	29 aft Departu	0.3	e Events	
	265 Aircraft Noise	71 Table 3.	0.8 Aircraft S	Fourth Qua	40 rements in arter 2011 (	0.4 San Lean 10:00 p.m.	to 6:00 a.m.) e Events	29 aft Departu	0.3 ures = 228		405 Total Aircraft
Total	265	71 Table 3.	0.8 Aircraft S	Fourth Qua	40 rements in arter 2011 (	0.4 San Lean 10:00 p.m.	to 6:00 a.m.) e Events	29 aft Departu	0.3 Jres = 228 Aircraft Noise		Total
Total	265 Aircraft Noise Events Below	71 Table 3.	0.8 Aircraft S Aircraft Nois SEL 80 - 84 Nightly	Fourth Qua e Events .9 dBA As Percentage of	40 rements in arter 2011 (	0.4 San Lean 10:00 p.m. Aircraft Noise SEL 85 - 89 Nightly	to 6:00 a.m.) e Events .9 dBA As Percentage of	29 aft Departu	0.3 ures = 228 Aircraft Nois SEL ≥ 90 Nightly	dBA As Percentage of	Total Aircraft Noise
Total NMT Number	265 Aircraft Noise Events Below SEL 80 dBA	71 Table 3. Amount	0.8 Aircraft S Aircraft Nois SEL 80 - 84 Nightly Average	Fourth Qua e Events .9 dBA As Percentage of Departures	40 rements in arter 2011 ( Amount	0.4 San Lean 10:00 p.m. Aircraft Noise SEL 85 - 89 Nightly Average	to 6:00 a.m.) e Events .9 dBA As Percentage of Departures	29 aft Departu	0.3 Jres = 228 Aircraft Nois SEL ≥ 90 Nightly Average	dBA As Percentage of Departures	Total Aircraft Noise Events
Total NMT Number 2	265 Aircraft Noise Events Below SEL 80 dBA	71 Table 3. Amount	0.8 Aircraft S Aircraft Nois SEL 80 - 84 Nightly Average 0.1	Fourth Qua e Events .9 dBA As Percentage of Departures 3.0%	40 rements in arter 2011 ( Amount 4	0.4 0.4 10:00 p.m. Aircraft Noise SEL 85 - 89 Nightly Average 0.0	to 6:00 a.m.) e Events .9 dBA As Percentage of Departures 1.2%	29 aft Departu Amount	0.3 ures = 228 Aircraft Noise SEL ≥ 90 Nightly Average 0.0	dBA As Percentage of Departures 0.0%	Total Aircraft Noise Events 142
Total NMT Number 2 9	265 Aircraft Noise Events Below SEL 80 dBA 128 50	71 Table 3. Amount 10 21	0.8 Aircraft Noise SEL 80 - 84 Nightly Average 0.1 0.2	Fourth Qua e Events .9 dBA As Percentage of Departures 3.0% 6.4%	40 rements in arter 2011 ( Amount 4 8	0.4 0.4 0.00 p.m. 1 0.00 p.m. 1 0.00 0.0 0.1	to 6:00 a.m.) e Events .9 dBA As Percentage of Departures 1.2% 2.4%	29 aft Departu Amount 0 3	0.3 Jres = 228 Aircraft Nois SEL ≥ 90 Nightly Average 0.0 0.0	dBA As Percentage of Departures 0.0% 0.9%	Total Aircraft Noise Events 142 82
Total NMT Number 2 9 10	265 Aircraft Noise Events Below SEL 80 dBA 128 50 109	71 Table 3. Amount 10 21 41	0.8 Aircraft S Aircraft Nois SEL 80 - 84 Nightly Average 0.1 0.2 0.5	Fourth Qua e Events .9 dBA As Percentage of Departures 3.0% 6.4% 12.5%	40 rements in arter 2011 ( Amount 4 8 3	0.4 0.4 0.00 p.m. 0.0 0.0 0.1 0.0	to 6:00 a.m.) e Events o dBA As Percentage of Departures 1.2% 2.4% 0.9%	29 aft Departu Amount 0 3 0	0.3 JIRES = 228 Aircraft Nois SEL ≥ 90 Nightly Average 0.0 0.0 0.0	dBA As Percentage of Departures 0.0% 0.9% 0.0%	Total Aircraft Noise Events 142 82 153
Total NMT Number 2 9 10 11	265 Aircraft Noise Events Below SEL 80 dBA 128 50 109 6	71 Table 3. Amount 10 21 41 5	0.8 Aircraft Noise SEL 80 - 84 Nightly Average 0.1 0.2 0.5 0.1	Fourth Qua e Events .9 dBA As Percentage of Departures 3.0% 6.4% 12.5% 1.5%	40 rements in arter 2011 ( Amount 4 8 3 0	0.4 0.4 0.4 0.00 p.m. 1 0.00 0.0 0.0 0.0 0.0	As Percentage of Departures 1.2% 2.4% 0.9% 0.0%	29 aft Departu Amount 0 3 0 0	0.3 Jres = 228 Aircraft Noise SEL ≥ 90 Nightly Average 0.0 0.0 0.0 0.0 0.0	dBA As Percentage of Departures 0.0% 0.9% 0.0% 0.0%	Total Aircraft Noise Events 142 82 153 11
NMT           Number           2           9           10           11           12	265 Aircraft Noise Events Below SEL 80 dBA 128 50 109 6 115	71 Table 3. Amount 10 21 41 5 13	0.8 Aircraft Nois SEL 80 - 84 Nightly Average 0.1 0.2 0.5 0.1 0.1 0.1	Fourth Qua e Events .9 dBA As Percentage of Departures 3.0% 6.4% 12.5% 1.5% 4.0%	40 rements in arter 2011 ( Amount 4 8 3 0 4	0.4 0.4 0.00 p.m. 1 0.00 p.m. 1 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0	to 6:00 a.m.)         e Events         o dBA         As Percentage of Departures         1.2%         2.4%         0.9%         0.0%         1.2%	29 aft Departu Amount 0 3 0 0 3 3	0.3 Jres = 228 Aircraft Nois SEL ≥ 90 Nightly Average 0.0 0.0 0.0 0.0 0.0 0.0	dBA As Percentage of Departures 0.0% 0.9% 0.0% 0.0% 0.0% 0.0% 0.9%	Total Aircraft Noise Events 142 82 153 11 135