



Oakland International Airport



A division of the Port of Oakland

NOISE ABATEMENT PROGRAM MANAGEMENT

Quarterly Reports Summary

First Quarter 2008

Prepared By

Noise/Environmental Management Office

May 28, 2008

North Field Quarterly Reports Summary

Runway 27R/L Jet Departure Restriction Compliance Summary First Quarter 2008				
	January	February	March	Quarterly
Airport-wide Corporate Jet Departures	967	886	855	2,708
Compliant Departures	946	856	830	2,632
Non-compliant Departures from Runways 27R/L	21	30	25	76
Compliance Rate	97.8%	96.6%	97.1%	97.2%
The section below compares compliance performance to total airport-wide jet departures.				
Total Airport Jet Departures	8,090	7,611	7,312	23,013
Compliant Departures	8,069	7,581	7,287	22,937
Non-compliant Departures from Runways 27R/L	21	30	25	76
Compliance Rate	99.7%	99.6%	99.7%	99.7%

Runway 09R/L Jet Landing Restriction Compliance Summary First Quarter 2008				
	January	February	March	Quarterly
Total SE Plan Corporate Jet Landings *	454	144	1	599
Compliant Landings	274	105	1	380
Non-compliant Landings on Runways 09R/L	180	39	0	219
Compliance Rate	60.4%	72.9%	100.0%	63.4%
The section below compares compliance performance to total airport-wide corporate jet landings.				
Total Corporate Jet Landings	957	1,008	792	2,757
Compliant Landings	777	969	792	2,538
Non-compliant Landings on Runways 09R/L	180	39	0	219
Compliance Rate	81.2%	96.1%	100.0%	92.1%
The section below compares compliance performance to total airport-wide jet landings.				
Total Airport Jet Landings	8,063	7,446	7,803	23,312
Compliant Landings	7,883	7,407	7,803	23,093
Non-compliant Landings on Runways 09R/L	180	39	0	219
Compliance Rate	97.8%	99.5%	100.0%	99.1%
* Note: During Southeast Plan, business jets will land on Runways 09R/L and 11.				

North Field Quarterly Reports Summary

VFR Aircraft Departure Procedure Compliance Summary First Quarter 2008				
	Runway 27R	Runway 27L	Runway 33	Total
Total VFR Departures	847	70	801	1,718
Total VFR Departures Over Alameda	76	11	54	141
Percentage of Total VFR Departures Over Alameda	9%	16%	7%	8%
Non-compliant VFR Departures Over Alameda	42	8	35	85
Compliant VFR Departures	805	62	766	1,633
Percentage of VFR Departure Compliance	95%	89%	96%	95%
IFR Departures	2,334	412	538	3,284
Total Departures	3,181	482	1,339	5,002
Compliance Percentage of Total Departures	99%	98%	97%	98%

North Field Quiet Hours Compliance Summary (10:00 p.m. to 6:00 a.m.) First Quarter 2008				
	January	February	March	Quarterly
Total Nighttime Departures	148	208	242	598
Compliant Departures	137	179	229	545
Average Compliant Departures per Night	4.4	6.0	7.4	5.9
Non-Compliant Departures	11	29	13	53
Average Non-Compliant Departures per Night	0.4	1.0	0.4	0.6
Compliance Percentage	93%	86%	95%	91%

South Field Quarterly Reports Summary

Runway 29 Right Turn Departure Restriction Compliance Summary First Quarter 2008				
	January	February	March	Quarter
Runway 29 Turbojet Departures	4,966	6,602	7,251	18,819
Runway 29 Right Turn Climb Out Departures	10	6	2	18
Percentage	0.20%	0.09%	0.03%	0.10%
Runway 29 RT Departure Success Rate	99.80%	99.91%	99.97%	99.90%
Note:				

Silent 7 Night Departure Procedure Compliance Summary First Quarter 2008				
	January	February	March	Quarter
Runway 29 Nighttime Turbojet Departures	667	1,100	1,282	3,049
Buffer Zone Departures	8	14	15	37
Percentage	1.2%	1.3%	1.2%	1.2%
Silent 7 Noncompliance	18	16	54	88
Percentage	2.7%	1.5%	4.2%	2.9%
Silent 7 Departure Success Rate	97.3%	98.5%	95.8%	97.1%

Runway 11 Night Departure Right Turn Procedure Compliance Summary First Quarter 2008				
	January	February	March	Quarter
Runway 11 Jet Departures (10:00 p.m. and 7:00 a.m.)	34	0	233	267
Non-compliant Departures (10:00 pm and 7:00 a.m.)	24	0	112	136
Compliant Departures	10	0	121	131
Right Turn Departure Success Rate	29.4%	n/a	51.9%	49.1%
Runway 11 Jet Departures (10:00 p.m. and 6:00 a.m.)	11	0	113	124
Non-compliant Departures (10:00 pm and 6:00 a.m.)	7	0	15	22
Compliant Departures (10:00 p.m. and 6:00 a.m.)	4	0	98	102
Success Rate without 6-7 AM Departures	36.4%	n/a	86.7%	82.3%

South Field Quarterly Reports Summary

Rolling Takeoff Procedure, Runway 29 Departures (1:00 to 5:00 AM) 1st Quarter 2008, RMT 2						
	Aircraft Departures	Recorded Noise Events (a)	Lmax Average	SEL Average	Avg. Duration (sec.)	
Baseline (November 2002) [A]						
B727	104	101	76	87	44	
DC10/MD10	87	32	69	78	22	
MD11	32	13	70	79	24	
A306	67	21	67	77	25	
1st Quarter (January through March) 2008 [B]						
	Total [X]	Avg. Monthly [X/3]				
B727	98	33	90	75	86	42
DC10/MD10	173	58	75	68	78	26
MD11	139	46	85	68	78	22
A306	151	50	63	67	76	22
Difference [A-B]						
B727		-71	-11	-1	-1	-2
DC10/MD10		-29	43	-1	0	4
MD11		14	72	-2	-1	-2
A306		-17	42	0	-1	-3
<p>(a) For the current calendar quarter reported, ANOMS does not correlate all departures to their respective noise events; that is most, but not all, aircraft back-blast noise events are effectively correlated as the program software algorithms may misidentify an aircraft noise event.</p> <p>Source: ANOMS (Airport Noise and Operations Monitoring System)</p>						