



Oakland International Airport



A division of the Port of Oakland

NOISE ABATEMENT PROGRAM MANAGEMENT

Quarterly Reports Summary

Fourth Quarter 2008

Prepared By

Noise/Environmental Management Office

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North Field Quarterly Reports Summary

Runway 27R/L Jet Departure Restriction Compliance Summary Fourth Quarter 2008				
	October	November	December	Quarterly
Airport-wide Corporate Jet Departures	657	627	628	1,912
Compliant Departures	639	605	610	1,854
Non-compliant Departures from Runways 27R/L	18	22	18	58
Compliance Rate	97.3%	96.5%	97.1%	97.0%
The section below compares compliance performance to total airport-wide jet departures.				
Total Airport Jet Departures	6,771	6,013	6,287	19,071
Compliant Departures	6,753	5,991	6,269	19,013
Non-compliant Departures from Runways 27R/L	18	22	18	58
Compliance Rate	99.7%	99.6%	99.7%	99.7%

Runway 09R/L Jet Landing Restriction Compliance Summary Fourth Quarter 2008				
	October	November	December	Quarterly
Total SE Plan Corporate Jet Landings *	40	47	53	140
Compliant Landings	24	32	38	94
Non-compliant Landings on Runways 09R/L	16	15	15	46
Compliance Rate	60.0%	68.1%	71.7%	67.1%
The section below compares compliance performance to total airport-wide corporate jet landings.				
Total Corporate Jet Landings	656	618	630	1,904
Compliant Landings	640	603	615	1,858
Non-compliant Landings on Runways 09R/L	16	15	15	46
Compliance Rate	97.6%	97.6%	97.6%	97.6%
The section below compares compliance performance to total airport-wide jet landings.				
Total Airport Jet Landings	6,736	5,988	6,280	19,004
Compliant Landings	6,720	5,973	6,265	18,958
Non-compliant Landings on Runways 09R/L	16	15	15	46
Compliance Rate	99.8%	99.7%	99.8%	99.8%
* Note: During Southeast Plan, business jets will land on Runways 09R/L and 11.				

North Field Quarterly Reports Summary

North Field Quiet Hours Compliance Summary (10:00 p.m. to 6:00 a.m.) Fourth Quarter 2008				
	October	November	December	Quarterly
Total Nighttime Departures	252	217	242	711
Compliant Departures	230	204	235	669
Average Compliant Departures per Night	7.4	6.8	7.6	7.3
Non-Compliant Departures	22	13	7	42
Average Non-Compliant Departures per Night	0.7	0.4	0.2	0.5
Compliance Percentage	91%	94%	97%	94%

VFR Aircraft Departure Procedure Compliance Summary Fourth Quarter 2008				
	Runway 27R	Runway 27L	Runway 33	Total
Total VFR Departures	703	72	534	1,309
Total VFR Departures Over Alameda	104	13	58	175
Percentage of Total VFR Departures Over Alameda	15%	18%	11%	13%
Non-compliant VFR Departures Over Alameda	38	1	27	66
Compliant VFR Departures	665	71	507	1,243
Percentage of VFR Departure Compliance	95%	99%	95%	95%
IFR Departures	2,510	274	699	3,483
Total Departures	3,213	346	1,233	4,792
Compliance Percentage of Total Departures	99%	100%	98%	99%

South Field Quarterly Reports Summary

Runway 29 Bay Farm Right Turn Departure Restriction Compliance Summary Fourth Quarter 2008				
	October	November	December	Quarter
Runway 29 Turbojet Departures	6,394	5,562	5,635	17,591
Runway 29 Right Turn Climb Out Departures	94	2	2	98
Percentage	1.47%	0.04%	0.04%	0.56%
Runway 29 RT Departure Success Rate	98.53%	99.96%	99.96%	99.44%
Note: Fleet Week Airshow scheduled in October resulted in 88 non-compliant departures.				

Silent 7 Night Departure Procedure Compliance Summary Fourth Quarter 2008				
	October	November	December	Quarter
Runway 29 Nighttime Turbojet Departures	1,061	960	992	3,013
Buffer Zone Departures	22	21	7	50
Percentage	2.1%	2.2%	0.7%	1.7%
Silent 7 Noncompliance	9	9	10	28
Percentage	0.8%	0.9%	1.0%	0.9%
Silent 7 Departure Success Rate	99.2%	99.1%	99.0%	99.1%

South Field Quarterly Reports Summary

Runway 11 Night Departure Right Turn Procedure Compliance Summary Fourth Quarter 2008				
	October	November	December	Quarter
Runway 11 Jet Departures (10:00 pm - 7:00 am)	47	78	119	244
Non-compliant Departures (10:00 pm - 7:00 am)	41	28	32	101
Compliant Departures	6	50	87	143
Right Turn Departure Success Rate	12.8%	64.1%	73.1%	58.6%
Runway 11 Jet Departures (10:00 pm - 6:00 am)	25	31	88	144
Non-compliant Departures (10:00 pm - 6:00 am)	20	2	4	26
Compliant Departures (10:00 pm - 6:00 am)	5	29	84	118
Success Rate without 6-7 AM Departures	20.0%	93.5%	95.5%	81.9%

Rolling Takeoff Procedure, Runway 29 Departures (1:00 to 5:00 AM) 4th 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	
4th Quarter (October through December) 2008 [B]						
	Total [X]	Avg. Monthly [X/3]				
B727	166	63	151	79	89	51
DC10/MD10	223	75	121	68	78	25
MD11	188	66	137	69	79	14
A306	208	67	84	66	75	18
Difference [A-B]						
B727		-41	50	3	2	7
DC10/MD10		-12	89	-1	0	3
MD11		34	124	-1	0	-10
A306		0	63	-1	-2	-7
(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. Source: ANOMS (Airport Noise and Operations Monitoring System)						