



Oakland International Airport



A division of the Port of Oakland

NOISE ABATEMENT PROGRAM MANAGEMENT

Quarterly Reports Summary

First Quarter 2009

Prepared By

Noise/Environmental Management Office

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North Field Quarterly Reports Summary

Runway 27R/L Jet Departure Procedure Compliance Summary First Quarter 2009				
	January	February	March	Quarterly
Airport-wide Corporate Jet Departures	622	569	606	1,797
Compliant Departures	605	558	590	1,753
Non-compliant Departures from Runways 27R/L	17	11	16	44
Compliance Rate	97.3%	98.1%	97.4%	97.6%
The section below compares compliance performance to total airport-wide jet departures.				
Total Airport Jet Departures	5,798	5,179	5,756	16,733
Compliant Departures	5,781	5,168	5,740	16,689
Non-compliant Departures from Runways 27R/L	17	11	16	44
Compliance Rate	99.7%	99.8%	99.7%	99.7%

Runway 09R/L Jet Landing Procedure Compliance Summary First Quarter 2009				
	January	February	March	Quarterly
Total SE Plan Corporate Jet Landings *	25	191	75	291
Compliant Landings	17	119	61	197
Non-compliant Landings on Runways 09R/L	8	72	14	94
Compliance Rate	68.0%	62.3%	81.3%	67.7%
The section below compares compliance performance to total airport-wide corporate jet landings.				
Total Corporate Jet Landings	633	575	617	1,825
Compliant Landings	625	503	603	1,731
Non-compliant Landings on Runways 09R/L	8	72	14	94
Compliance Rate	98.7%	87.5%	97.7%	94.8%
The section below compares compliance performance to total airport-wide jet landings.				
Total Airport Jet Landings	5,807	5,193	5,820	16,820
Compliant Landings	5,799	5,121	5,806	16,726
Non-compliant Landings on Runways 09R/L	8	72	14	94
Compliance Rate	99.9%	98.6%	99.8%	99.4%
* 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.) First Quarter 2009				
	January	February	March	Quarterly
Total Nighttime Departures	203	180	225	608
Compliant Departures	196	174	214	584
Average Compliant Departures per Night	6.3	6.2	6.9	6.5
Non-Compliant Departures	7	6	11	24
Average Non-Compliant Departures per Night	0.2	0.2	0.4	0.3
Compliance Percentage	97%	97%	95%	96%

VFR Aircraft Departure Procedure Compliance Summary First Quarter 2009				
	Runway 27R	Runway 27L	Runway 33	Total
Total VFR Departures	613	99	524	1,236
Total VFR Departures Over Alameda	86	20	45	151
Percentage of Total VFR Departures Over Alameda	14%	20%	9%	12%
Non-compliant VFR Departures Over Alameda	34	3	14	51
Compliant VFR Departures	579	96	510	1,185
Percentage of VFR Departure Compliance	94%	97%	97%	96%
IFR Departures	1,999	268	659	2,926
Total Departures	2,612	367	1,183	4,162
Compliance Percentage of Total Departures	99%	99%	99%	99%

South Field Quarterly Reports Summary

Runway 29 Bay Farm Right Turn Departure Procedure Compliance Summary First Quarter 2009				
	January	February	March	Quarter
Runway 29 Turbojet Departures	5,433	3,763	5,068	14,264
Runway 29 Right Turn Climb Out Departures	1	5	3	9
Percentage	0.02%	0.13%	0.06%	0.06%
Runway 29 RT Departure Success Rate	100.0%	99.9%	99.9%	99.9%

Silent 7 Night Departure Procedure Compliance Summary First Quarter 2009				
	January	February	March	Quarter
Runway 29 Nighttime Turbojet Departures	944	648	804	2,396
Buffer Zone Departures	14	9	6	29
Percentage	1.5%	1.4%	0.7%	1.2%
Silent 7 Noncompliance	7	2	10	19
Percentage	0.7%	0.3%	1.2%	0.8%
Silent 7 Departure Success Rate	99.3%	99.7%	98.8%	99.2%

South Field Quarterly Reports Summary

Runway 11 Night Departure Right Turn Procedure Compliance Summary First Quarter 2009				
	January	February	March	Quarter
Runway 11 Jet Departures (10:00 pm - 7:00 am)	57	260	94	411
Non-compliant Departures (10:00 pm - 7:00 am)	35	105	59	199
Compliant Departures	22	155	35	212
Right Turn Departure Success Rate	39%	60%	37%	52%
Runway 11 Jet Departures (10:00 pm - 6:00 am)	20	151	31	202
Non-compliant Departures (10:00 pm - 6:00 am)	1	4	0	5
Compliant Departures (10:00 pm - 6:00 am)	19	147	31	197
Success Rate without 6-7 AM Departures	95%	97%	100%	98%

Rolling Takeoff Procedure, Runway 29 Departures (1:00 to 5:00 AM) 1st Quarter 2009, 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 2009 [B]						
	Total [X]	Avg. Monthly [X/3]				
B727	132	63	96	79	89	51
DC10/MD10	198	75	81	69	78	26
MD11	132	66	77	69	78	20
A306	152	67	52	67	76	25
Difference [A-B]						
B727		-41	-5	3	2	7
DC10/MD10		-12	49	0	0	4
MD11		34	64	-1	-1	-4
A306		0	31	0	-1	0
(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)						