



Oakland International Airport



A division of the Port of Oakland

NOISE ABATEMENT PROGRAM MANAGEMENT

Quarterly Reports Summary

Third Quarter 2008

Prepared By

Noise/Environmental Management Office

November 24, 2008

North Field Quarterly Reports Summary

Runway 27R/L Jet Departure Restriction Compliance Summary Third Quarter 2008				
	July	August	September	Quarterly
Airport-wide Corporate Jet Departures	657	654	671	1,982
Compliant Departures	632	621	649	1,902
Non-compliant Departures from Runways 27R/L	25	33	22	80
Compliance Rate	96.2%	95.0%	96.7%	96.0%
The section below compares compliance performance to total airport-wide jet departures.				
Total Airport Jet Departures	7,336	7,153	6,486	20,975
Compliant Departures	7,311	7,120	6,464	20,895
Non-compliant Departures from Runways 27R/L	25	33	22	80
Compliance Rate	99.7%	99.5%	99.7%	99.6%

Runway 09R/L Jet Landing Restriction Compliance Summary Third Quarter 2008				
	July	August	September	Quarterly
Total SE Plan Corporate Jet Landings *	0	0	0	0
Compliant Landings	0	0	0	0
Non-compliant Landings on Runways 09R/L	0	0	0	0
Compliance Rate	N/A	N/A	N/A	N/A
The section below compares compliance performance to total airport-wide corporate jet landings.				
Total Corporate Jet Landings	648	649	675	1,972
Compliant Landings	648	649	675	1,972
Non-compliant Landings on Runways 09R/L	0	0	0	0
Compliance Rate	100.0%	100.0%	100.0%	100.0%
The section below compares compliance performance to total airport-wide jet landings.				
Total Airport Jet Landings	7,238	7,081	6,447	20,766
Compliant Landings	7,238	7,081	6,447	20,766
Non-compliant Landings on Runways 09R/L	0	0	0	0
Compliance Rate	100.0%	100.0%	100.0%	100.0%
* 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.) Third Quarter 2008				
	July	August	September	Quarterly
Total Nighttime Departures	210	221	240	671
Compliant Departures	197	210	230	637
Average Compliant Departures per Night	6.4	6.8	7.7	6.9
Non-Compliant Departures	13	11	10	34
Average Non-Compliant Departures per Night	0.4	0.4	0.3	0.4
Compliance Percentage	94%	95%	96%	95%

VFR Aircraft Departure Procedure Compliance Summary Third Quarter 2008				
	Runway 27R	Runway 27L	Runway 33	Total
Total VFR Departures	807	60	718	1,585
Total VFR Departures Over Alameda	81	5	51	137
Percentage of Total VFR Departures Over Alameda	10%	8%	7%	9%
Non-compliant VFR Departures Over Alameda	46	3	28	77
Compliant VFR Departures	761	57	690	1,508
Percentage of VFR Departure Compliance	94%	95%	96%	95%
IFR Departures	3,046	294	1,051	4,391
Total Departures	3,853	354	1,769	5,976
Compliance Percentage of Total Departures	99%	99%	98%	99%

South Field Quarterly Reports Summary

Runway 29 Bay Farm Right Turn Departure Restriction Compliance Summary Third Quarter 2008				
	July	August	September	Quarter
Runway 29 Turbojet Departures	7,277	7,142	6,549	20,968
Runway 29 Right Turn Climb Out Departures	7	1	4	12
Percentage	0.10%	0.01%	0.06%	0.06%
Runway 29 RT Departure Success Rate	99.90%	99.99%	99.94%	99.94%

Silent 7 Night Departure Procedure Compliance Summary Third Quarter 2008				
	July	August	September	Quarter
Runway 29 Nighttime Turbojet Departures	1,230	1,202	1,040	3,472
Buffer Zone Departures	18	13	18	49
Percentage	1.5%	1.1%	1.7%	1.4%
Silent 7 Noncompliance	25	8	13	46
Percentage	2.0%	0.7%	1.3%	1.3%
Silent 7 Departure Success Rate	98.0%	99.3%	98.8%	98.7%

Runway 11 Night Departure Right Turn Procedure Compliance Summary Third Quarter 2008				
	July	August	September	Quarter
Runway 11 Jet Departures (10:00 pm - 7:00 am)	1	2	0	3
Non-compliant Departures (10:00 pm - 7:00 am)	0	1	0	1
Compliant Departures	1	1	0	2
Right Turn Departure Success Rate	100.0%	50.0%	N/A	66.7%
Runway 11 Jet Departures (10:00 pm - 6:00 am)	0	1	0	1
Non-compliant Departures (10:00 pm - 6:00 am)	0	0	0	0
Compliant Departures (10:00 pm - 6:00 am)	0	1	0	1
Success Rate without 6-7 AM Departures	N/A	100.0%	N/A	100.0%

South Field Quarterly Reports Summary

Rolling Takeoff Procedure, Runway 29 Departures (1:00 to 5:00 AM) 3rd 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	
3rd Quarter (July through September) 2008 [B]						
	Total [X]	Avg. Monthly [X/3]				
B727	188	63	172	75	85	42
DC10/MD10	224	75	26	66	75	15
MD11	199	66	53	67	75	14
A306	202	67	17	66	74	13
Difference [A-B]						
B727		-41	71	-1	-2	-2
DC10/MD10		-12	-6	-3	-3	-7
MD11		34	40	-3	-4	-10
A306		0	-4	-1	-3	-12
(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)						