



# **Oakland** International Airport

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A division of the Port of Oakland

## **NOISE ABATEMENT PROGRAM MANAGEMENT**

### **Quarterly Reports Summary**

**Second Quarter 2008**

**Prepared By**

**Noise/Environmental Management Office**

**August 28, 2008**

## North Field Quarterly Reports Summary

<b>Runway 27R/L Jet Departure Restriction Compliance Summary Second Quarter 2008</b>				
	April	May	June	Quarterly
<b>Airport-wide Corporate Jet Departures</b>	694	698	681	2,073
<b>Compliant Departures</b>	659	661	661	1,981
<b>Non-compliant Departures from Runways 27R/L</b>	35	37	20	92
<b>Compliance Rate</b>	95.0%	94.7%	97.1%	95.6%
The section below compares compliance performance to total airport-wide jet departures.				
<b>Total Airport Jet Departures</b>	7,418	7,364	7,177	21,959
<b>Compliant Departures</b>	7,383	7,327	7,157	21,867
<b>Non-compliant Departures from Runways 27R/L</b>	35	37	20	92
<b>Compliance Rate</b>	99.5%	99.5%	99.7%	99.6%

<b>Runway 09R/L Jet Landing Restriction Compliance Summary Second Quarter 2008</b>				
	April	May	June	Quarterly
<b>Total SE Plan Corporate Jet Landings *</b>	0	4	0	4
<b>Compliant Landings</b>	0	2	0	2
<b>Non-compliant Landings on Runways 09R/L</b>	0	2	0	2
<b>Compliance Rate</b>	N/A	50.0%	n/A	50.0%
The section below compares compliance performance to total airport-wide corporate jet landings.				
<b>Total Corporate Jet Landings</b>	694	681	674	2,049
<b>Compliant Landings</b>	694	679	674	2,047
<b>Non-compliant Landings on Runways 09R/L</b>	0	2	0	2
<b>Compliance Rate</b>	100.0%	99.7%	100.0%	99.9%
The section below compares compliance performance to total airport-wide jet landings.				
<b>Total Airport Jet Landings</b>	7,340	7,266	7,116	21,722
<b>Compliant Landings</b>	7,340	7,264	7,116	21,720
<b>Non-compliant Landings on Runways 09R/L</b>	0	2	0	2
<b>Compliance Rate</b>	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

<b>North Field Quiet Hours Compliance Summary (10:00 p.m. to 6:00 a.m.) Second Quarter 2008</b>				
	April	May	June	Quarterly
<b>Total Nighttime Departures</b>	265	225	260	750
<b>Compliant Departures</b>	258	216	247	721
<b>Average Compliant Departures per Night</b>	8.3	7.2	8.0	7.8
<b>Non-Compliant Departures</b>	7	9	13	29
<b>Average Non-Compliant Departures per Night</b>	0.2	0.3	0.4	0.3
<b>Compliance Percentage</b>	97%	96%	95%	96%

<b>VFR Aircraft Departure Procedure Compliance Summary Second Quarter 2008</b>				
	Runway 27R	Runway 27L	Runway 33	Total
<b>Total VFR Departures</b>	994	72	686	1,752
<b>Total VFR Departures Over Alameda</b>	86	11	40	137
<b>Percentage of Total VFR Departures Over Alameda</b>	9%	15%	6%	8%
<b>Non-compliant VFR Departures Over Alameda</b>	49	7	24	80
<b>Compliant VFR Departures</b>	945	65	662	1,672
<b>Percentage of VFR Departure Compliance</b>	95%	90%	97%	95%
<b>IFR Departures</b>	3,057	436	716	4,209
<b>Total Departures</b>	4,051	508	1,402	5,961
<b>Compliance Percentage of Total Departures</b>	99%	99%	98%	99%

## South Field Quarterly Reports Summary

<b>Runway 29 Bay Farm Right Turn Departure Restriction Compliance Summary Second Quarter 2008</b>				
	April	May	June	Quarter
Runway 29 Turbojet Departures	7,348	7,250	7,132	21,730
<b>Runway 29 Right Turn Climb Out Departures</b>	<b>10</b>	<b>4</b>	<b>1</b>	<b>15</b>
Percentage	0.14%	0.06%	0.01%	0.07%
Runway 29 RT Departure Success Rate	99.86%	99.94%	99.99%	99.93%

<b>Silent 7 Night Departure Procedure Compliance Summary Second Quarter 2008</b>				
	April	May	June	Quarter
Runway 29 Nighttime Turbojet Departures	1,162	1,229	1,172	3,563
Buffer Zone Departures	13	21	23	57
Percentage	1.1%	1.7%	2.0%	1.6%
<b>Silent 7 Noncompliance</b>	<b>14</b>	<b>14</b>	<b>15</b>	<b>43</b>
Percentage	1.2%	1.1%	1.3%	1.2%
Silent 7 Departure Success Rate	98.8%	98.9%	98.7%	98.8%

<b>Runway 11 Night Departure Right Turn Procedure Compliance Summary Second Quarter 2008</b>				
	April	May	June	Quarter
Runway 11 Jet Departures (10:00 p.m. and 7:00 a.m.)	4	0	0	4
<b>Non-compliant Departures (10:00 pm and 7:00 a.m.)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Compliant Departures	4	0	0	4
Right Turn Departure Success Rate	100.0%	N/A	N/A	100.0%
Runway 11 Jet Departures (10:00 p.m. and 6:00 a.m.)	4	0	0	4
<b>Non-compliant Departures (10:00 pm and 6:00 a.m.)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Compliant Departures (10:00 p.m. and 6:00 a.m.)	4	0	0	4
Success Rate without 6-7 AM Departures	100.0%	N/A	N/A	100.0%

## South Field Quarterly Reports Summary

<b>Rolling Takeoff Procedure, Runway 29 Departures (1:00 to 5:00 AM) 2nd Quarter 2008, RMT 2</b>						
	Aircraft Departures	Recorded Noise Events (a)	Lmax Average	SEL Average	Avg. Duration (sec.)	
<b>Baseline (November 2002) [A]</b>						
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	
<b>2nd Quarter (April through June) 2008 [B]</b>						
	Total [X]	Avg. Monthly [X/3]				
B727	145	48	133	74	84	39
DC10/MD10	220	73	56	67	76	20
MD11	205	68	78	67	76	21
A306	199	66	34	66	75	20
<b>Difference [A-B]</b>						
B727		-56	32	-2	-3	-5
DC10/MD10		-14	24	-2	-2	-3
MD11		36	65	-3	-3	-3
A306		-1	13	-1	-2	-5
<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. Source: ANOMS (Airport Noise and Operations Monitoring System)</p>						