



OaklandInternational Airport



A division of the Port of Oakland

NOISE ABATEMENT PROGRAM MANAGEMENT

Quarterly Reports Summary

Third Quarter 2006

Prepared By

Noise/Environmental Management Office

Quarterly North Field Reports Summary

Corporate Jet Preferential Runway Use Program Runway 27R/L Jet Departure Procedure Compliance Summary - Third Quarter 2006				
	July	August	September	Quarterly
Airport-wide Corporate Jet Departures	731	850	844	2,425
Compliant Departures	708	831	812	2,351
Non-compliant Departures from Runways 27R/L	23	19	32	74
Compliance Rate	96.9%	97.8%	96.2%	96.9%
The section below compares compliance performance to total airport-wide jet landings.				
Total Airport Turbojet Departures	8,131	8,625	7,962	24,718
Compliant Departures	8,108	8,606	7,930	24,644
Non-compliant Departures from Runways 27R/L	23	19	32	74
Compliance Rate	99.7%	99.8%	99.6%	99.7%

Corporate Jet Preferential Runway Use Program Runway 09R/L Jet Arrival Procedure Compliance Summary - Third Quarter 2006				
	July	August	September	Quarterly
Corporate Jet Arrivals (Runways 09R/L,11) *	0	0	1	1
Compliant Arrivals	0	0	0	0
Non-compliant Arrivals on Runways 09R/L	0	0	1	1
Compliance Rate	n/a	n/a	0.0%	0.0%
The section below compares compliance performance to total airport-wide jet landings.				
Total Airport Turbojet Arrivals	8,214	8,653	7,980	24,847
Compliant Arrivals	8,214	8,653	7,979	24,846
Non-compliant Arrivals on Runways 09R/L	0	0	1	1
Compliance Rate	100.0%	100.0%	100.0%	100.0%
* Note: During Southeast Plan, business jets will land on Runways 09R/L and 11.				

**VFR Aircraft Departure Procedure
Performance Report Summary
Third Quarter 2006**

	Runway 27R	Runway 27L	Runway 33	Total Departures
Total VFR Departures	822	104	1,289	2,215
Total VFR Departures Over Alameda	154	8	68	230
Percentage of Total VFR Departures Over Alameda	19%	8%	5%	10%
Non-compliant VFR Departures Over Alameda	69	3	36	108
Compliant VFR Departures	753	101	1,253	2,107
Percentage of VFR Departure Compliance	92%	97%	97%	95%
IFR Departures	3,029	604	954	4,587
Total Departures	3,851	708	2,243	6,802
Compliance Percentage of Total Departures	98%	100%	98%	98%

**North Field Quiet Hours Report
Third Quarter 2006
(10:00 p.m. to 6:00 a.m.)**

	July	August	September	Quarter
Total Nighttime Departures	267	320	270	857
Compliant Departures	246	293	247	786
Average Compliant Departures per Night	7.9	9.5	8.2	8.5
Non-Compliant Departures	21	27	23	71
Average Non-Compliant Departures per Night	0.7	0.9	0.8	0.8
Compliance Percentage	92%	92%	91%	92%

Quarterly South Field Reports Summary

Runway 29 Right Turn Departure Restriction Third Quarter 2006				
	July	August	September	Quarter
Runway 29 Turbojet Departures	8,240	8,613	7,945	24,798
Runway 29 Right Turn Climb Out Departures	5	3	3	11
Percentage	0.06%	0.03%	0.04%	0.04%
Runway 29 RT Departure Success Rate	99.94%	99.97%	99.96%	99.96%

Silent 7 Night Departure Procedure Third Quarter 2006				
	July	August	September	Quarter
Runway 29 Nighttime Turbojet Departures	1,319	1,419	1,202	3,940
Buffer Zone Departures	18	23	25	66
Percentage	1.4%	1.6%	2.1%	1.7%
Silent 7 Deviations	17	14	7	38
Percentage	1.3%	1.0%	0.6%	1.0%
Silent 7 Departure Success Rate	98.7%	99.0%	99.4%	99.0%

Runway 11 Night Departure Right Turn Procedure Third Quarter 2006				
	July	August	September	Quarter
Runway 11 Turbojet Departures	3	3	8	14
Non-compliant Departures	0	0	0	0
Compliant Departures	3	3	8	14
Right Turn Departure Success Rate	100.0%	100.0%	100.0%	100.0%
Runway 11 Jet Departures (10:00 p.m. and 6:00 a.m.)	3	3	8	14
Non-compliant Departures (10:00 pm and 6:00 a.m.)	0	0	0	0
Compliant Departures (10:00 p.m. and 6:00 a.m.)	3	3	8	14
Success Rate without 6-7 AM Departures	100.0%	100.0%	100.0%	100.0%

**Engine Run-up Restriction Program
Third Quarter 2006**

	July	August	September	Quarter
Runups - 7:00 PM to 10:00 PM	1	0	3	4
Runups Greater Than 75 dB	0	0	0	0
Runups - 10:00 PM to 7:00 AM	11	13	21	45
Runups Greater Than 70 dB	0	0	0	0
Power Engine Runups (>50%)	23	20	35	78
Total Runups in Enclosure (GRE)	19	17	31	67
Total Engine Runups	23	20	35	78

**Rolling Takeoff Procedure
Runway 29 Departures (1:00 and 5:00 a.m.)
Third Quarter 2006**

Baseline Data @ RMT #2 (November 2002)	Total Nov. 2002 Departures		Noise Events	Lmax Average	SEL Average	Duration Average (seconds)
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
Third Quarter 2006	Aircraft Departures		Noise Events	Lmax Average	SEL Average	Duration Average (seconds)
	Total Quarterly	Average Monthly				
B727	181	60	152	72	81	29
DC10/MD10	259	86	42	67	76	17
MD11	148	49	39	67	75	14
A306	204	68	13	66	75	16
Difference				Lmax Average	SEL Average	Duration Average (seconds)
B727				-4.0	-6.0	-15
DC10/MD10				-2.0	-2.0	-5
MD11				-3.0	-4.0	-10
A306				-1.0	-2.0	-9