



Oakland International Airport



A division of the Port of Oakland

NOISE ABATEMENT PROGRAM MANAGEMENT

Quarterly Reports Summary

Second 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 Second Quarter 2009				
	April	May	June	Quarterly
Airport-wide Corporate Jet Departures	577	553	584	1,714
Compliant Departures	565	536	562	1,663
Non-compliant Departures from Runways 27R/L	12	17	22	51
Compliance Rate	98%	97%	96%	97%
The section below compares compliance performance to total airport-wide jet departures.				
Total Airport Jet Departures	5,707	5,662	5,685	17,054
Compliant Departures	5,695	5,645	5,663	17,003
Non-compliant Departures from Runways 27R/L	12	17	22	51
Compliance Rate	100%	100%	100%	100%

Runway 09R/L Jet Landing Procedure Compliance Summary Second Quarter 2009				
	April	May	June	Quarterly
Total SE Plan Corporate Jet Landings *	41	50	0	91
Compliant Landings	26	37	0	63
Non-compliant Landings on Runways 09R/L	15	7	0	22
Compliance Rate	63%	74%	N/A	69%
The section below compares compliance performance to total airport-wide corporate jet landings.				
Total Corporate Jet Landings	597	568	582	1,747
Compliant Landings	556	518	581	1,725
Non-compliant Landings on Runways 09R/L	15	7	0	22
Compliance Rate	93%	91%	N/A	99%
The section below compares compliance performance to total airport-wide jet landings.				
Total Airport Jet Landings	5,742	5,683	5,820	17,245
Compliant Landings	5,727	5,676	5,820	17,223
Non-compliant Landings on Runways 09R/L	15	7	0	22
Compliance Rate	100%	100%	N/A	100%
* 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.) Second Quarter 2009				
	April	May	June	Quarterly
Total Nighttime Departures	217	231	235	683
Compliant Departures	209	222	222	653
Average Compliant Departures per Night	6.7	7.4	7.2	7.1
Non-Compliant Departures	8	9	13	30
Average Non-Compliant Departures per Night	0.3	0.3	0.4	0.3
Compliance Percentage	96%	96%	94%	96%

VFR Aircraft Departure Procedure Compliance Summary Second Quarter 2009				
	Runway 27R	Runway 27L	Runway 33	Total
Total VFR Departures	884	132	512	1,528
Total VFR Departures Over Alameda	57	7	17	81
Percentage of Total VFR Departures Over Alameda	6%	5%	3%	5%
Non-compliant VFR Departures Over Alameda	10	0	4	14
Compliant VFR Departures	874	132	508	1,514
Percentage of VFR Departure Compliance	99%	100%	99%	99%
IFR Departures	2,511	451	754	3,716
Total Departures	3,395	583	1,266	5,244
Compliance Percentage of Total Departures	100%	100%	100%	100%

South Field Quarterly Reports Summary

Runway 29 Bay Farm Right Turn Departure Procedure Compliance Summary Second Quarter 2009				
	April	May	June	Quarter
Runway 29 Turbojet Departures	5,302	5,225	5,576	16,103
Runway 29 Right Turn Climb Out Departures	6	2	5	13
Percentage	0.1%	0.0%	0.1%	0.1%
Runway 29 RT Departure Success Rate	100%	100%	100%	100%

Silent 7 Night Departure Procedure Compliance Summary Second Quarter 2009				
	April	May	June	Quarter
Runway 29 Nighttime Turbojet Departures	896	849	880	2,625
Buffer Zone Departures	15	17	10	42
Percentage	2%	2%	1%	2%
Silent 7 Noncompliance	3	12	7	22
Percentage	0.3%	1.4%	0.8%	0.8%
Silent 7 Departure Success Rate	100%	99%	99%	99%

South Field Quarterly Reports Summary

Runway 11 Night Departure Right Turn Procedure Compliance Summary Second Quarter 2009				
	April	May	June	Quarter
Runway 11 Jet Departures (10:00 pm - 7:00 am)	44	47	1	92
Non-compliant Departures (10:00 pm - 7:00 am)	20	13	0	33
Compliant Departures	24	34	1	59
Right Turn Departure Success Rate	55%	72%	100%	64%
Runway 11 Jet Departures (10:00 pm - 6:00 am)	47	37	1	85
Non-compliant Departures (10:00 pm - 6:00 am)	0	3	0	3
Compliant Departures (10:00 pm - 6:00 am)	47	34	1	82
Success Rate without 6-7 AM Departures	100%	92%	100%	96%

Rolling Takeoff Procedure, Runway 29 Departures (1:00 to 5:00 AM) 2nd Quarter 2009, RMT 2						
	Aircraft Departures	Recorded Noise Events (a)	Lmax Average	SEL Average	Avg. Duration (seconds)	
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	
2nd Quarter April through June 2009 [B]						
	Total [X]	Avg. Monthly [X/3]				
B727	108	36	102	75	85	40
DC10/MD10	168	56	35	67	76	17
MD11	161	54	46	66	74	12
A306	216	72	15	66	76	20
Difference [A-B]						
B727		-68	1	-1	-2	-4
DC10/MD10		-31	3	-2	-2	-5
MD11		22	33	-4	-5	-12
A306		5	-6	-1	-1	-5
(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)						