



Oakland International Airport



A division of the Port of Oakland

South Field Quarterly Report Fourth Quarter 2007



Prepared for
The South Field Research Group

Prepared by
Oakland International Airport
Noise and Environmental Compliance Office

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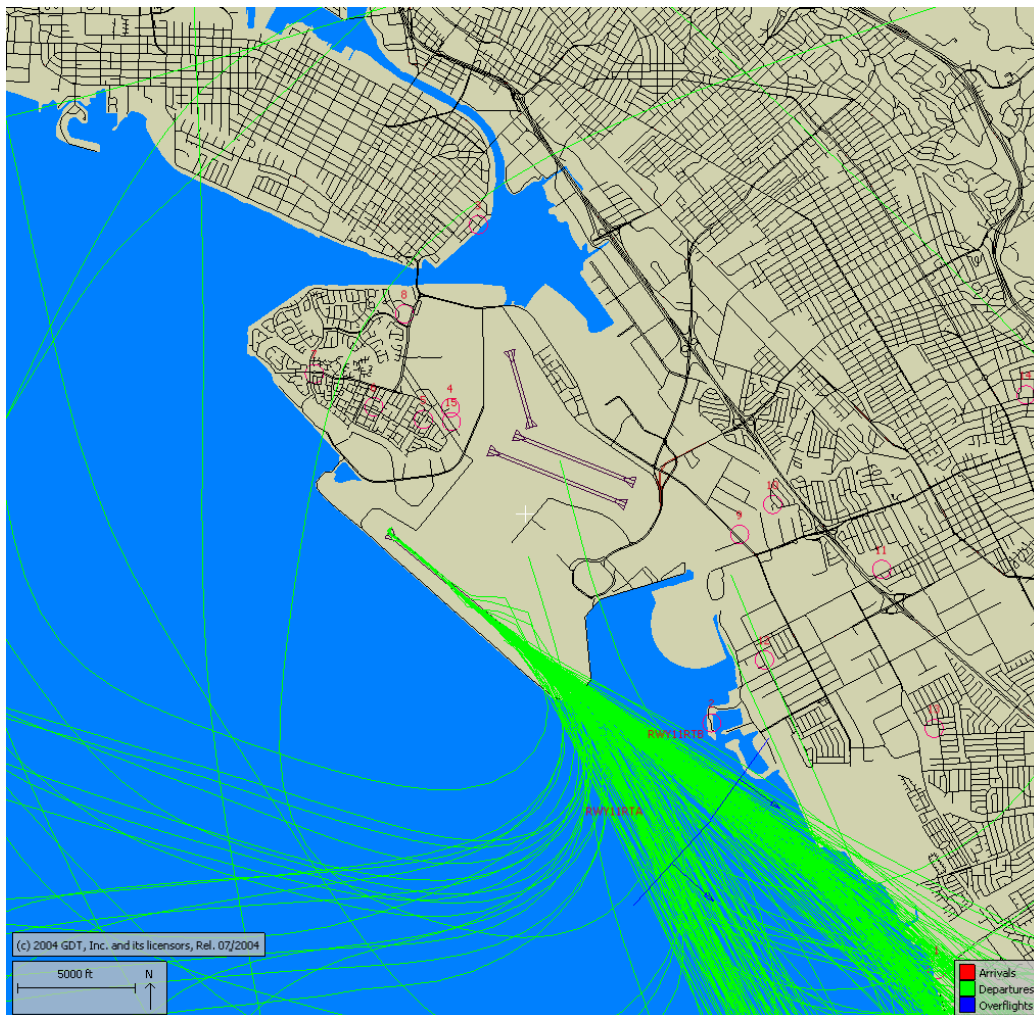
South Field Group Quarterly Report
2007 Q4

Rolling Takeoff Procedure, Runway 29 Departures, 1:00 to 5:00 AM) 4th Quarter 2007, 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	
4th Quarter (October through December) 2007 [B]						
	Total [X]	Avg. Monthly [X/3]				
B727	92	31	75	75	85	39
DC10/MD10	205	68	89	68	78	27
MD11	131	44	70	69	79	26
A306	169	56	61	67	76	20
Difference [A-B]						
B727		-73	-26	-1	-2	-5
DC10/MD10		-19	57	-1	0	5
MD11		12	57	-1	0	2
A306		-11	40	0	-1	-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.</p> <p>Source: ANOMS (Airport Noise and Operations Monitoring System)</p>						

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Runway 11 Night Departure Right Turn Procedure Compliance Summary Fourth Quarter 2007				
	October	November	December	Quarter
Runway 11 Jet Departures (10:00 p.m. and 7:00 a.m.)	34	0	233	267
Non-compliant Departures (10:00 pm and 7:00 a.m.)	24	0	112	136
Compliant Departures	10	0	121	131
Right Turn Departure Success Rate	29.4%	n/a	51.9%	49.1%
Runway 11 Jet Departures (10:00 p.m. and 6:00 a.m.)	11	0	113	124
Non-compliant Departures (10:00 pm and 6:00 a.m.)	7	0	15	22
Compliant Departures (10:00 p.m. and 6:00 a.m.)	4	0	98	102
Success Rate without 6-7 AM Departures	36.4%	n/a	86.7%	82.3%

All Flight Tracks



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Flight Tracks – 10:00 PM to 6:00 AM

