



# Oakland International Airport



A division of the Port of Oakland

## South Field Quarterly Report Fourth Quarter 2010



Prepared for  
The South Field Research Group

Prepared by  
Oakland International Airport  
Noise and Environmental Compliance Office

February 22, 2011

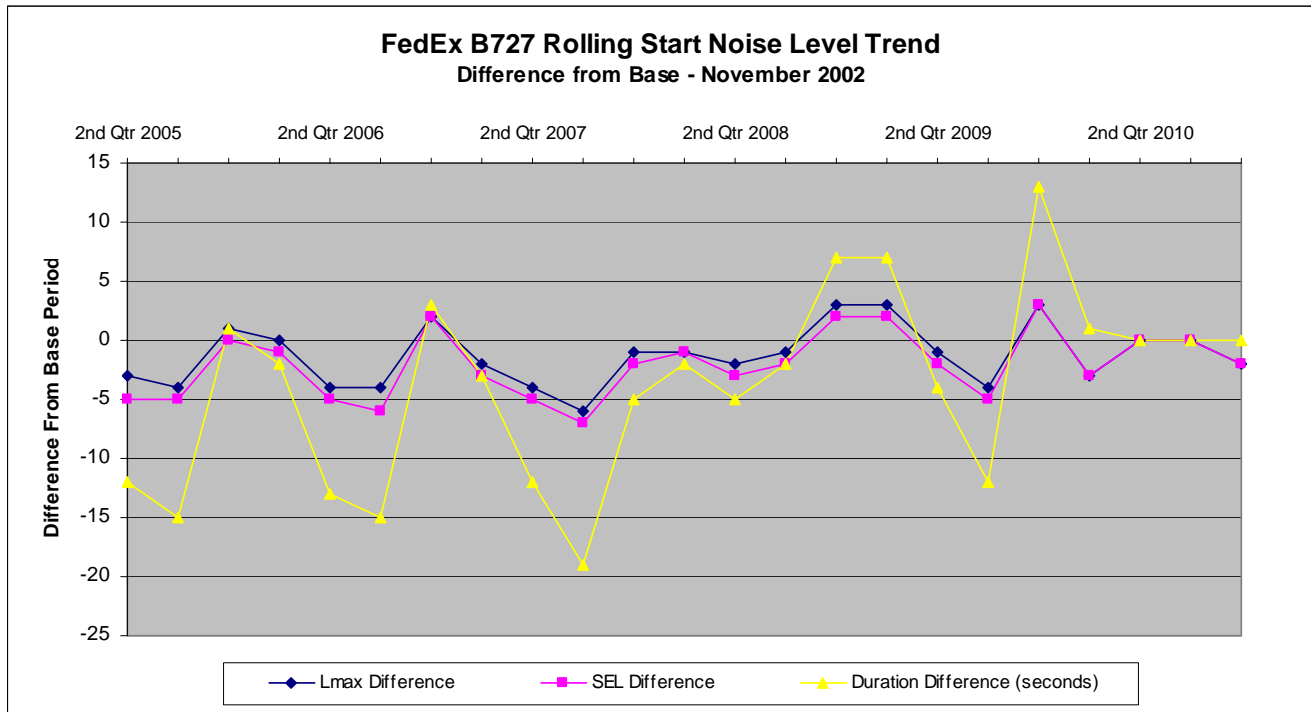
## South Field Group Quarterly Report 2010 Q4

Rolling Take-off Night Departure Procedure (1:00 to 5:00 AM) Fourth Quarter 2010, 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	
4th Quarter (October through December 2010) [B]						
	Total [X]	Est. Avg. Monthly [X/3]				
B727	7	2	5	74	85	44
DC10/MD10	179	60	95	68	77	20
MD11	199	66	123	70	80	24
A306	161	54	81	66	76	17
Difference [A-B]						
<b>B727</b>		<b>-102</b>	<b>-96</b>	<b>-2</b>	<b>-2</b>	<b>0</b>
<b>DC10/MD10</b>		<b>-27</b>	<b>63</b>	<b>-1</b>	<b>-1</b>	<b>-2</b>
<b>MD11</b>		<b>34</b>	<b>110</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>A306</b>		<b>-13</b>	<b>60</b>	<b>-1</b>	<b>-1</b>	<b>-8</b>
<small>(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)</small>						

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4th Quarter (October through December 2009) [B]						
	Total [X]	Est. Avg. Monthly [X/3]				
B727	31	10	23	79	90	57
DC10/MD10	180	60	87	68	77	22
MD11	160	53	96	69	79	23
A306	204	68	76	66	76	21
Difference [A-B]						
<b>B727</b>		<b>-94</b>	<b>-78</b>	<b>3</b>	<b>3</b>	<b>13</b>
<b>DC10/MD10</b>		<b>-27</b>	<b>55</b>	<b>-1</b>	<b>-1</b>	<b>0</b>
<b>MD11</b>		<b>21</b>	<b>83</b>	<b>-1</b>	<b>0</b>	<b>-1</b>
<b>A306</b>		<b>1</b>	<b>55</b>	<b>-1</b>	<b>-1</b>	<b>-4</b>

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**South Field Group Quarterly Report**  
2010 Q4

<b>Runway 11 Night Departure NAP Compliance Summary Fourth Quarter 2010</b>				
10:00 p.m. to 6:00 a.m.	October	November	December	Quarter
<b>Total Nighttime Departures</b>	29	24	118	171
<b>Buffer Time Departures</b>	0	0	3	3
<b>Compliant Departures</b>	28	23	114	165
<b>Non-Compliant Departures</b>	1	1	4	6
<b>Compliance Rate</b>	97%	96%	97%	96%