LAX/Community Noise Roundtable

Information on Aircraft In-Flight Procedures

Los Angeles World Airports
Environmental Services Division
Overview

Statistical information on the following operations:

- Extended Downwind Approach
- Short Turns
- Go-arounds
- East Departures
- Early Turns
- Loop Departures
- Palos Verdes Overflights
Extended Downwind Approach

Monitoring north arrivals extending downwind over Monterey Park boundary

Annual Comparison

Year | Monterey Park | N. Arrivals
--- | --- | ---
2000* | 23906 | 101317
2001 | 26418 | 107875
2002 | 16979 | 92535
2003 | 13736 | 87350
2004 | 14240 | 87525
2005 | 14643 | 92286
2006 | 21885 | 95016
2007 | 25868 | 101719

* 11-month period

Annual Comparison

Year | Monterey Park | N. Arrivals
--- | --- | ---
2000* | 10.5% | 24%
2001 | -35.7% | 24%
2002 | -19.1% | 18%
2003 | 3.7% | 16%
2004 | 2.8% | 16%
2005 | 49.5% | 16%
2006 | 18.2% | 23%
2007 | 0% | 25%

* 11-month period
Extended Downwind Approach

Monthly Comparison

Monterey Park
N. Arrivals

Extended Downwind Approach

Los Angeles World Airports

July 9, 2008
Extended Downwind Approach
May 2008

Altitude over Monterey Park

Number of Operations By Time of Day

Los Angeles World Airports
Arriving jet aircraft turning early prior to reaching the Harbor Freeway to land at LAX
Monitoring pilot or ATC initiated go-arounds or missed approaches
Non-Conforming East Departures
Midnight to 6:30 AM

This report shows a summary of aircraft operations that depart to the east while the airport is still conducting westerly departures between midnight and 6:30 a.m. These individual easterly departures usually occur when the pilot of a heavy aircraft (e.g. B747s) determines that the tail wind is too great for the weight of the aircraft and requests to depart east into the wind for aircraft safety.

Typical easterly departure routes.

Annual Comparison

Monthly Comparison
Early Turn to the North

Aircraft departing to the ocean turn early prior to reaching the shoreline.
Early Turn to the South

Aircraft departing to the ocean turn early prior to reaching the shoreline

Early turn over El Segundo
Early Turns Breakdown
May 08

<table>
<thead>
<tr>
<th>Gate Description</th>
<th>Operations</th>
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<tbody>
<tr>
<td>Total Early Turns Ops</td>
<td>385</td>
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<tr>
<td>Hyperion Gate</td>
<td>305</td>
</tr>
<tr>
<td>El Segundo Gate</td>
<td>66</td>
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<tr>
<td>North Dunes Gate</td>
<td>14</td>
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Early Turn Runway Utilization

<table>
<thead>
<tr>
<th>Runway</th>
<th>Utilization</th>
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<tbody>
<tr>
<td>25L</td>
<td>232</td>
</tr>
<tr>
<td>25R</td>
<td>139</td>
</tr>
<tr>
<td>24L</td>
<td>6</td>
</tr>
<tr>
<td>24R</td>
<td>8</td>
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Sample Early Turns
5/6/2008 Tuesday

Los Angeles World Airports

July 9, 2008
Sample Early Turns
5/10/2008 Saturday
Sample Missed Loop Departure
Monitoring loop departures overflying communities

Missed LAX Loop Departure – By Community

Annual Comparison

<table>
<thead>
<tr>
<th>Year</th>
<th>Manhattan</th>
<th>Hermosa</th>
<th>Redondo</th>
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<tbody>
<tr>
<td>2000</td>
<td>4323</td>
<td>-11%</td>
<td>-14%</td>
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<tr>
<td>2001</td>
<td>4818</td>
<td>9%</td>
<td>10%</td>
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<tr>
<td>2002</td>
<td>4126</td>
<td>33%</td>
<td>14%</td>
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<tr>
<td>2003</td>
<td>3747</td>
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<td>10%</td>
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<tr>
<td>2004</td>
<td>4121</td>
<td>10%</td>
<td>-10%</td>
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<tr>
<td>2005</td>
<td>5722</td>
<td>-10%</td>
<td>-10%</td>
</tr>
<tr>
<td>2006</td>
<td>3821</td>
<td>-10%</td>
<td>-10%</td>
</tr>
<tr>
<td>2007</td>
<td>3456</td>
<td>-10%</td>
<td>-10%</td>
</tr>
</tbody>
</table>

Total (Missed Loop)
Missed LAX Loop Departure – By Community

Monthly Comparison

- Total (Missed Loop)
- Manhattan
- Hermosa
- Redondo

Monthly Comparison

- Missed Loop
- Total Loops

Los Angeles World Airports

July 9, 2008
Monitoring southbound turboprops departing from LAX that overfly Peninsula
Turboprop Departures with JEDDD RNAV Waypoints Shown