Statistical Update on LAX Aircraft Operations

September 10, 2014

LAX/Community Noise Roundtable
Overview

Statistical information on the following operations:

- Loop Departure
- Extended Downwind Approach
- Short Turn
Monitoring LOOP departures under 10,000 ft Altitude

LAX Loop Departure

Annual Comparison

Monthly Comparison
Loop Departure Altitude – July 2014

Re-crossing the Shoreline

Altitude (feet)

Distance (feet) along the Shoreline
Loop Departure by Operator

Top 10 Operators
One Year Period
(Aug 2013 - Jul 2014)

<table>
<thead>
<tr>
<th>Operator</th>
<th>LOOP under 10K ft</th>
<th>Total LOOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>SkyWest</td>
<td>159</td>
<td>5227</td>
</tr>
<tr>
<td>Southwest</td>
<td>131</td>
<td>9415</td>
</tr>
<tr>
<td>United</td>
<td>103</td>
<td>9365</td>
</tr>
<tr>
<td>American</td>
<td>75</td>
<td>8683</td>
</tr>
<tr>
<td>Virgin America</td>
<td>69</td>
<td>4420</td>
</tr>
<tr>
<td>American Eagle/Envoy</td>
<td>44</td>
<td>1420</td>
</tr>
<tr>
<td>Delta</td>
<td>35</td>
<td>6044</td>
</tr>
<tr>
<td>GA</td>
<td>34</td>
<td>2014</td>
</tr>
<tr>
<td>Air Canada</td>
<td>33</td>
<td>1482</td>
</tr>
<tr>
<td>El Al</td>
<td>16</td>
<td>110</td>
</tr>
</tbody>
</table>
Monitoring north arrivals extending downwind over Monterey Park boundary

Extended Downwind Approach

Annual Comparison

Monthly Comparison

* 11-month period

Los Angeles World Airports
LAX Arrival Traffic
One Day (7/5/14)
Monterey Park Overflights
One Day (7/5/14)
Extended Downwind Approach

Altitude over Monterey Park

Number of Operations By Time of Day

July 2014 - Total 2081
July 2013 - Total 2413
July 2012 - Total 1654
Extended Downwind Approach by Operator

Top 10 Operators
One Year Period (Aug 2013 - Jul 2014)

- SkyWest: MP Overflights 6673, North Arrivals 30415
- Southwest: MP Overflights 2771, North Arrivals 14072
- Alaska: MP Overflights 1551, North Arrivals 7327
- United: MP Overflights 1463, North Arrivals 1463
- Virgin America: MP Overflights 1047, North Arrivals 7092
- Compass Airlines: MP Overflights 999, North Arrivals 5282
- American: MP Overflights 880, North Arrivals 4662
- GA: MP Overflights 762, North Arrivals 4521
- Horizon Air: MP Overflights 720, North Arrivals 3205
- Great Lakes Aviation: MP Overflights 573, North Arrivals 2562
- 1870

Bar chart showing the top 10 operators for MP overflights and North arrivals over an one year period from Aug 2013 to Jul 2014.
Arriving jet aircraft turning early prior to reaching the Harbor Freeway to land at LAX
Inverse Relationship between Short Turn and Extended Downwind Approach
Short Turn Flight Tracks – July 2014
Short Turn – Time of Day

Operations Per Hour

- July 2014 - Total 51
- July 2013 - Total 93
- July 2012 - Total 97
Short Turn by Operator

Top 10 Operators
One Year Period
(Aug 2013 - Jul 2014)