Statistical Update on Aircraft Operations

November 10, 2015

LAX/Community Noise Roundtable
Overview

Statistical information on the following operations:

- 25L Departures
- Palos Verdes Overflights
Departures – Runways 25L and 25R
Annual Comparison

<table>
<thead>
<tr>
<th>Year</th>
<th>25R Departures</th>
<th>25L Departures</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>157,040</td>
<td>10,157</td>
</tr>
<tr>
<td>2011</td>
<td>167,900</td>
<td>9,912</td>
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<tr>
<td>2012</td>
<td>157,729</td>
<td>12,098</td>
</tr>
<tr>
<td>2013</td>
<td>162,572</td>
<td>15,291</td>
</tr>
<tr>
<td>2014</td>
<td>173,323</td>
<td>11,061</td>
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</tbody>
</table>

Number of Departures
### Departures – Runways 25L and 25R
13-month period

- **Passenger Aircraft**
- **Cargo Aircraft**
- **25L Closure**
- **25R Closure**

<table>
<thead>
<tr>
<th>Month</th>
<th>25L Closure</th>
<th>25R Closure</th>
<th>25L Departures</th>
<th>25R Departures</th>
<th>Total Departures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sep-14</td>
<td>1002</td>
<td>1002</td>
<td>13647</td>
<td>13647</td>
<td>27294</td>
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<tr>
<td>Oct-14</td>
<td>1307</td>
<td>1002</td>
<td>14051</td>
<td>14051</td>
<td>28102</td>
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<tr>
<td>Nov-14</td>
<td>1307</td>
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<td>14051</td>
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<td>28102</td>
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<td>Dec-14</td>
<td>848</td>
<td>1002</td>
<td>14042</td>
<td>14042</td>
<td>28084</td>
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<td>Jan-15</td>
<td>1391</td>
<td>1002</td>
<td>15144</td>
<td>15144</td>
<td>30288</td>
</tr>
<tr>
<td>Feb-15</td>
<td>1391</td>
<td>1002</td>
<td>15144</td>
<td>15144</td>
<td>30288</td>
</tr>
<tr>
<td>Mar-15</td>
<td>1508</td>
<td>1002</td>
<td>14191</td>
<td>14191</td>
<td>28382</td>
</tr>
<tr>
<td>Apr-15</td>
<td>1508</td>
<td>1002</td>
<td>14191</td>
<td>14191</td>
<td>28382</td>
</tr>
<tr>
<td>May-15</td>
<td>1508</td>
<td>1002</td>
<td>14191</td>
<td>14191</td>
<td>28382</td>
</tr>
<tr>
<td>Jun-15</td>
<td>1508</td>
<td>1002</td>
<td>14191</td>
<td>14191</td>
<td>28382</td>
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<tr>
<td>Jul-15</td>
<td>1508</td>
<td>1002</td>
<td>14191</td>
<td>14191</td>
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<tr>
<td>Aug-15</td>
<td>1508</td>
<td>1002</td>
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<td>14191</td>
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<tr>
<td>Sep-15</td>
<td>1508</td>
<td>1002</td>
<td>14191</td>
<td>14191</td>
<td>28382</td>
</tr>
</tbody>
</table>
25L Departures
September 2015

12 AM - 6:30 AM

Day of the Month

Number of 25L Departures

25R Closure - Number of Hours
25L Departures
September 2015

6:30 AM - 11:59 PM

Day of the Month

Number of 25L Departures

Number of 25R Departures

25R Closure - Number of Hours

25L Departure

25R Closure
## Departures by Aircraft Category
### September 2015

<table>
<thead>
<tr>
<th></th>
<th>6:30 AM - 11:59 PM</th>
<th>12 AM – 6:30 AM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aircraft Category</strong></td>
<td><strong>25L Departures</strong></td>
<td><strong>25R Departures</strong></td>
</tr>
<tr>
<td>Passenger</td>
<td>1%</td>
<td>99%</td>
</tr>
<tr>
<td>General Aviation</td>
<td>22%</td>
<td>78%</td>
</tr>
<tr>
<td>Cargo</td>
<td>46%</td>
<td>54%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>4%</td>
<td>96%</td>
</tr>
</tbody>
</table>
Cargo Departures on 25L & 25R by Operator
September 2015

Number of Departures

25L Departures
25R Departures

FedEx
Cainy Pacific Cargo
Nippon Air Cargo
China Airlines
Cargolux
Air China Cargo
Polar Air Cargo
UPS
Airborne Express
Singapore Airlines Cargo
MAS Air Cargo
Lufthansa Cargo
Kuwait Air
Amerflight
Atlas Air
Southern Air Cargo
Aero Union
China Cargo Airlines
Qantas
Contract Air Cargo
Fed Ex Departures on 25L & 25R

25R Departures
25L Departures
Linear (25R Departures)
Linear (25L Departures)
Palos Verdes Peninsula – Turboprop Overflights

Monitoring southbound turboprops departing from LAX that overfly Peninsula

![Map of LAX and Palos Verdes Peninsula]

**Monthly Comparison**

- **Southbound Turboprops**
- **PV Peninsula**

**Annual Comparison**

- Southbound Turboprops
- PV Peninsula

( ) = daily average

**Number of Departures**

- 2010: 7699
- 2011: 10364
- 2012: 11173
- 2013: 10699
- 2014: 10072

- 2010: (13)
- 2011: (14)
- 2012: (14)
- 2013: (10)
- 2014: (11)
Turboprop Altitudes over PV

July 2015 to September 2015

Number of Turboprop Overflights

Altitude Range

- <5000: 13
- 5000-6999: 64
- 7000-8999: 145
- 9000-11000: 28
- >11000: 3

Turboprop Overflights
Turboprop Operators

One Year Period
(Oct 2014 - Sep 2015)
Top 5 Operators

Number of Departures

- SkyWest: 1056
- Great Lakes Aviation: 796
- Horizon Air: 897
- Contract Air Cargo: 314
- General Aviation: 244

PV Turboprop Overflight
Southbound Turboprop Traffic
Palos Verdes Peninsula – Jet Overflights

Monitoring southbound jets departing from LAX that overfly Peninsula

Annual Comparison

Monthly Comparison
Jet Altitudes over PV Peninsula

July 2015 to Sept 2015

Number of Jet Overflights

Altitude Range

- <10000: 19
- 10000-10999: 26
- 11000-11999: 72
- 12000-13000: 83
- >13000: 352