Analysis on LAX Arrivals near La Habra Heights

April 13, 2011
LAX/Community Noise Roundtable
Illustration of CDA Profile

Continuous Descent Approach Benefit

- CDA Approach
- ILS Approach

10,000’
30nm

2,000’
6nm

3°

Los Angeles World Airports
1st Sample of Actual CDA Profile

One Operation Per Profile

- Non CDA (One Arrival - A319)
- CDA (One Arrival - B738)

Distance - miles

Altitude

23 miles (20 NM)
2\textsuperscript{nd} Sample of Actual CDA Profile

One Operation Per Profile

- Non CDA (One Arrival - B752)
- CDA (One Arrival - A319)

Distance - miles

Altitude

23 miles (20 NM)
25L Arrivals – Flight Profile Comparison

25L Arrivals
Average Altitude
One Week Comparison

Distance (miles)  | Altitude
--- | ---
23 miles (20 NM) | Avg. Difference of 617 Ft

2004 (One Week Average)  
2011 (One Week Average)
24R Arrivals - Flight Profile Comparison

24R Arrivals
Average Altitude
One Week Comparison

2004 (One Week Average)
2011 (One Week Average)

Average Difference of 1101 Ft

Distance (miles)

Los Angeles World Airports
25L Arrivals – Altitude Range Comparison

25L Arrivals
One Week

2004 (1/10 to 1/16) - 1675 Arrivals
2011 (1/10 to 1/16) - 1637 Arrivals
24R Arrivals – Altitude Range Comparison

24R Arrivals
One Week

- 2004 (1/10 to 1/16) - 960 Arrivals
- 2011 (1/10 to 1/16) - 891 Arrivals