Analysis of LAX Operations Over Long Beach

LAX/Community Noise Roundtable
January 10, 2018
Overview

• Review LAX departures and arrivals over Long Beach

• Identify and analyze any changes
  – SoCal Metroplex implementation

• Summary of Results
Analysis of LAX Departure Operations

- Increased southbound departures year to year
- OSHNN departures ~ 17 – 18% of southbound departures
- Decreased Long Beach overflights in 2017
Pre Phase 2 Metroplex Implementation
LAX Southbound Jet Departures – 1 Month (February 2017)
Post Metroplex Implementation
LAX Southbound Jet Departures – 1 Month (May 2017)
Analysis of OSHNN Departure Operations

- 14% decrease in departures over Long Beach in 2017
- Decrease in aircraft vectored over Long Beach with Metroplex implementation
Analysis of LAX Arrival Operations

• Very low LAX arrival operations over Long Beach

• In 2017, there were 183 LAX arrivals out of 44,130 total arrivals from the south
  ~ 1 overflight every 2 days

One Day Sample (8/15/17)
LAX Departures

• Fewer departure flights over Long Beach
  – Over 10% decrease in aircraft vectored over Long Beach after Metroplex implementation
  – Path of vectored aircraft shifted to northwest
  – Aircraft altitude unchanged for 2016 and 2017: 95% at or above 13,000 ft

LAX Arrivals

• Sporadic Aircraft Arrivals over Long Beach
  – Average: 1 arrival every 2 days