FAA’s Southern California Metroplex Project
LAWA Staff Update to LAX/Community Noise Roundtable
July 13, 2016
FAA Metroplex - Proposed Action

• Today, most airports still widely use ground-based navigation technologies to manage air traffic in the National Air Space (NAS)
• The movement to the next generation of aviation is shifting to smarter, satellite-based and digital technologies, along with new procedures that strive to make air travel more convenient, predictable and environmentally friendly
• FAA is now seeking to optimize airspace procedures and working to transition to a full Performance Based Navigation (PBN) by 2030
• FAA developed Metroplex Program to streamline implementation of PBN at larger metropolitan areas with complex airspace
FAA Metroplex Original Schedule

- OAPM Study Team Completes Recommendations
- Issue Notice of Intent to Prepare Draft EA (Jan 2014)
- Notional Designs Completed by D&I Team (June 2014)
- Agency Briefing Meetings (Fall 2014)
- Complete Draft EA (Spring 2015)
- Circulate Draft EA for Public Review (30 Days)
- Conduct Public Workshops (Summer 2015)
- Review Comments and Prepare Responses (Summer 2015)
- Circulate Final EA (Summer 2015)
- FONSI (Proposed November 2015)
- Implement Metroplex Procedures (Proposed March 2016)
Past Actions

- September 2012 – RT Sent Letter to FAA: Seeking support for addressing Work Program items, including:
  - Extended Downwind Approach; Turboprop Community Overflights; Improperly Flown Loop Departures; Early Turns; and Continuous Descent Approach Altitudes
- January 2014 - FAA Responded to RT Letter:
  - Apologized for delay (sequestration, furloughs, funding, etc.)
  - Confirmed receipt of comments for consideration during the design process
  - Stated FAA’s primary mission - to promote safe and efficient use of the NAS
  - FAA Modernization and Reform Act of 2012 – Accelerated Implementation of PBN
  - OAPM (or Metroplex) is that accelerated process, and will further this mission thru implementation of optimized procedures that will not result in significant noise impacts
Past Actions

- June 8, 2015 – Draft Environmental Assessment (EA) Released and 30-day Public Comment Period
- June 11, 2015 – RT Letter to FAA: Requesting 30-day Extension on Public Comment
- July 1, 2015 – LAWA Letter to FAA: Requesting 60-day Extension on Public Comment, and additional information to be provided.
- July 8, 2015 – LAWA Presentation to RT on EA with Comment Letter Recommendations
- July 8, 2015 – FAA Extends Comment Period to September 8, 2015
- September 2, 2015 – RT Formal Comment Letter addressing several areas of concern:
  - Shifting noise from one community to another
  - Exposing new residential areas to aircraft overflights
  - Lowering aircraft altitudes over communities
  - Concentration of flights
  - Post-implementation adjustments
  - SMO de-confliction to alleviate departure delays
  - Noise metrics used (CNEL in CA)
  - Information provided in the EA insufficient to assess potential impacts
  - Prior recommendations from 9/24/12 letter
Past Actions

- September 8, 2015 – FAA Extends Comment Period to October 8, 2015 (120 day extension)
- September 8, 2015 - LAWA Comment Letter: Requests additional supplemental information and time, continued and expanded outreach, and use of CNEL metric
- October 8, 2015 – 2nd LAWA Comment Letter: Suggests further outreach, *including noise maps provided by LAWA*
- October 8, 2015 – Formal Comment Period Closed
There are changes as high as 9.0 dB DNL, but since they are outside of the 45 DNL, they are not reported in the EA.
LAWA Outreach

- May 2015 - LAWA Website
- May 2015 - LAWA Fact Sheet
- May 27, 2015 – LAWA-Hosted Elected Officials Briefing
- June/July 2015 - Mayor’s Office Staff Briefing
- Summer 2015 - City Council Staff Briefings
- June 2016 - Congressional Briefing (Bass and Lieu)
- June 2016 - City Council IGTC&T Committee (filed in Full Council)
Phoenix – Before and After RNAV

Before & After September 18, 2014 Flight Path Arrivals from the West

Before & After September 18, 2014 Flight Departures to the West
LAWA Outreach (Congressional Offices)

LAX Arrival Procedure
Existing Procedure
SADDE
Proposed Procedure
CRSHR and IRONMN RNAVs and RNPs

Shaded Areas: Congressional Districts 33 and 37

Source: Federal Aviation Administration
LAWA Outreach (City Council)
LAWA Outreach (City Council)

LAX Departure Procedure
Existing Procedure
CASTA SID
LAWA Outreach (City Council)

LAX Departure Procedure
Proposed Procedure: MLIBU SID
1000’ Decrease in Altitude

LAX Over-Ocean Arrivals
Proposed Procedure
BIGBR and BRUEN STARs
Next Steps

• LAWA continuing to review available materials
• Additional potential briefings being planned (beyond LAX Roundtable):
  • SCAG
  • Neighborhood councils
  • Council offices
  • Other elected representatives
• FAA response to comments and Final EA – tentatively summer 2016
• Schedule for implementation (in 2 or 3 phases) – based on charting cycles
  • November 2016
  • April 2017
  • May 2017
Thank You