Initial Comparison of Extended Downwind Approach Before and After Metroplex Implementation

May 10, 2017

LAX/Community Noise Roundtable
Metroplex procedures implemented in 3 phases:

- Phase 1: Nov 10, 2016 and Jan 5, 2017
- Phase 2: March 2, 2017 – RNP procedures published
- Phase 3: April 27, 2017 – RNAV STAR Procedures published (IRNMMN, HUULL, and RYDRR)
North Downwind RNAV/RNP Procedures
Difference Between Existing and New Procedures

Conventional Procedure
RNAV STAR Procedure
RNP Procedure
Pre Phase 3 Metroplex Implementation – 1 week (April 20 - 26, 2017)
Side-by-Side Comparison

Before

After
Extended Downwind Approach – Monterey Park Overflights

Number of Operations

Altitude over Monterey Park
Summary

• RNAV STAR Procedures (IRNMN, HUULL, and RYDRR) are in use
  – Concentration of flight tracks along waypoints

• North Downwind RNP Arrival Procedure is not in use yet

• Extended Downwind Approach will most likely continue due to:
  – Delayed Flight Operations for Metroplex Phase 3 Implementation
  – Weather Conditions and/or Traffic Volume

• LAWA will continue to monitor and revisit these and other Metroplex procedures at a later date