



BRIEFING FOR SOCAL PILOTS ASSOCIATION

GENERAL AVIATION IMPROVEMENT PROGRAM (GAIP)

August 8, 2017

PURPOSE OF GAIP

- **Completion of Terminal C, Parking Structure C and related commercial air service infrastructure in 2011**
- **Character of general aviation (level of activity and types of aircraft) has changed significantly since JWA's last planning initiative in 1990**
 - ✓ *Decrease in operation of smaller, single engine aircraft*
 - ✓ *Increase in operation of larger, corporate jets*
- **Most general aviation-related leases have expired**
- **Consistent with Board of Supervisors commitment to provide high quality services and facilities**
 - ✓ *Mission Statement: "Making Orange County a safe, healthy, and fulfilling place to live, work, and play, today and for generations to come by providing outstanding, cost-effective regional public services."*



DETAILED PLANNING ASSUMPTIONS

- **Provide for compliance with applicable FAA regulations (obstructions, aircraft movement, etc.)**
- **Design for up to three (3) full-service FBOs**
- **Maintain, where possible, number and type of general aviation based aircraft facilities (hangars & tiedowns) comparable to existing**
- **Provide, where possible, separate facilities for OCSD Air Support, independent charter operators and flight schools**
- **Evaluate feasibility of providing General Aviation Facility (GAF) for inspection of international arrivals and general aviation-specific terminal uses**
- **Maintain on-site piston engine maintenance facilities/services**
- **Retain existing general aviation fuel farm (SE corner of airfield)**
- **Provide self-service fueling facilities for smaller, independent general aviation operators**
- **Where possible, segregate vehicle service road and taxiway**



PRIOR OUTREACH

- **Spring/summer of 2015: JWA Planning Team met with on-airport GAIP stakeholders.**
- **The following stakeholder suggestions were incorporated into project alternatives:**
 - **Self-service fueling facility (AvGas)**
 - **Stand-alone flight school facility**
 - **Option for 3 FBOs**
 - **Option to show a mix of large and small hangars**
 - **Maintain all existing GA components (Flight schools, aircraft maintenance, rental aircraft, FBO's, fueling etc.)**
- **November 2016: Interviews and Online Survey with JWA based aircraft owners**





GENERAL AVIATION AREA

ALTERNATIVES FOR EVALUATION

- Proposed Project:** Two (2) full-service FBOs (east and west)
- Alternative 1:** Three (3) full-service FBOs (two east, one west)
- Alternative 2:** Two (2) full-service FBOs (both on east)
- Alternative 3:** Two (2) full-service FBOs (existing locations, but require improvements to better comply with FAA regulations)
- Alternative 4:** “No project”



Limited Service
Southwest FBO

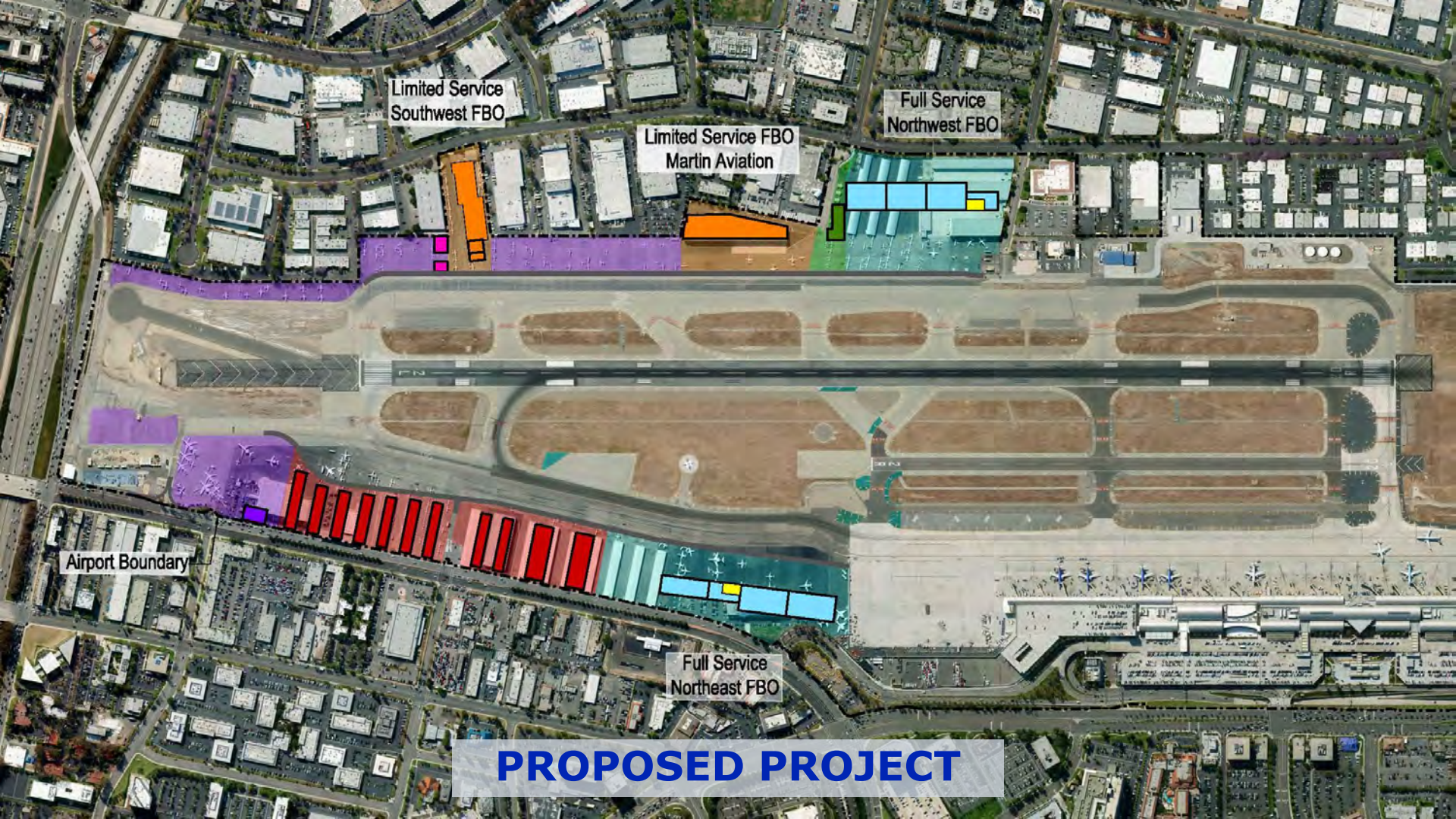
Limited Service FBO
Martin Aviation

Full Service
Northwest FBO

Airport Boundary

Full Service
Northeast FBO

PROPOSED PROJECT



Limited Service Southwest FBO

Limited Service FBO Martin Aviation

Full Service Northwest FBO

Airport Boundary

Full Service Southeast FBO

Full Service Northeast FBO

ALTERNATIVE 1



Limited Service
Southwest FBO

Limited Service FBO
Martin Aviation

Airport Boundary

Full Service
Southeast FBO

Full Service
Northeast FBO

ALTERNATIVE 2



Limited Service Southwest FBO

Limited Service FBO Martin Aviation

Airport Boundary

Full Service Southeast FBO

Full Service Northeast FBO

ALTERNATIVE 3



NEXT STEPS

- **Draft Environmental Impact Report (EIR)**
 - **Second quarter 2018.**
 - **Public will have 45 days to review and provide comments.**
- **For information related to the GAIP go to the JWA website:**
<http://www.ocair.com/generalaviation/gaimprovement>

