



County of San Diego

## **McCLELLAN-PALOMAR AIRPORT**

# **MASTER PLAN UPDATE AND PROGRAM ENVIRONMENTAL IMPACT REPORT**

Virtual Informational Meeting

September 29, 2021



# Traducción simultánea en español

Si necesita traducción simultánea:



# How to Participate

?

Zoom Comments/Questions? Send message using Q&A

Submit Questions  
During the Meeting



Use the Q&A feature at the bottom  
of your screen

# Zoom controls - Computer

?

Zoom Comments/Questions? Send message using Q&A

Use Q&A window  
to send questions

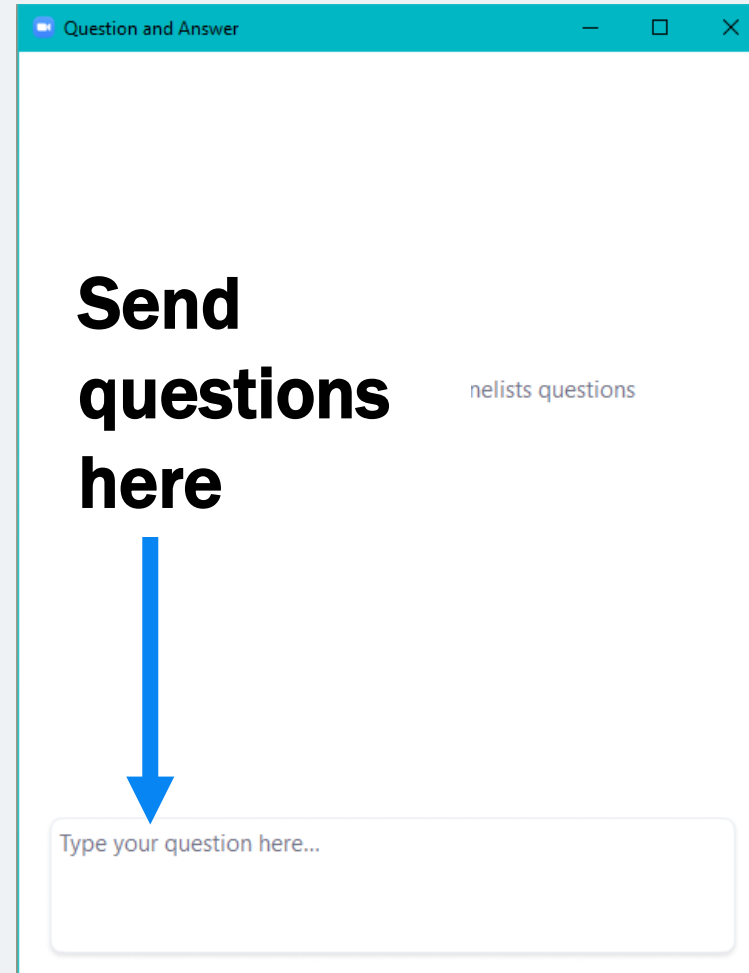


Q&A



English

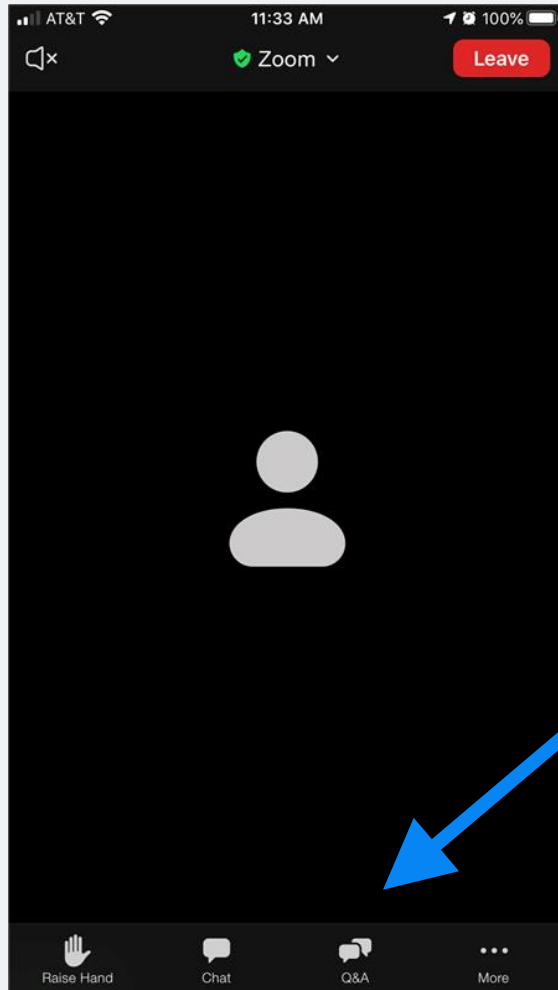
Leave



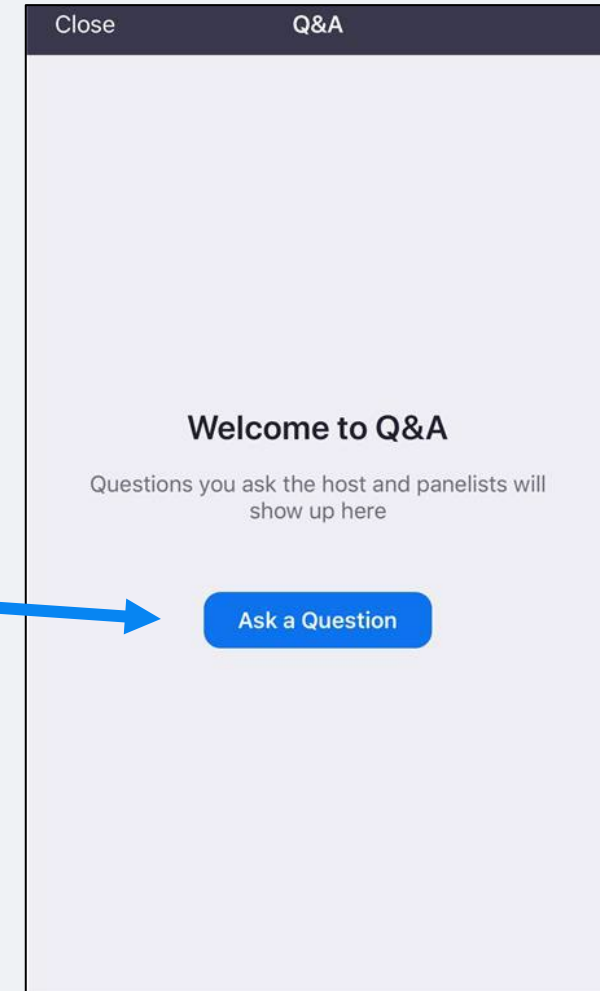
# Zoom controls – Mobile Device

?

Zoom Comments/Questions? Send message using Q&A



Access the  
Q&A window  
to send  
questions



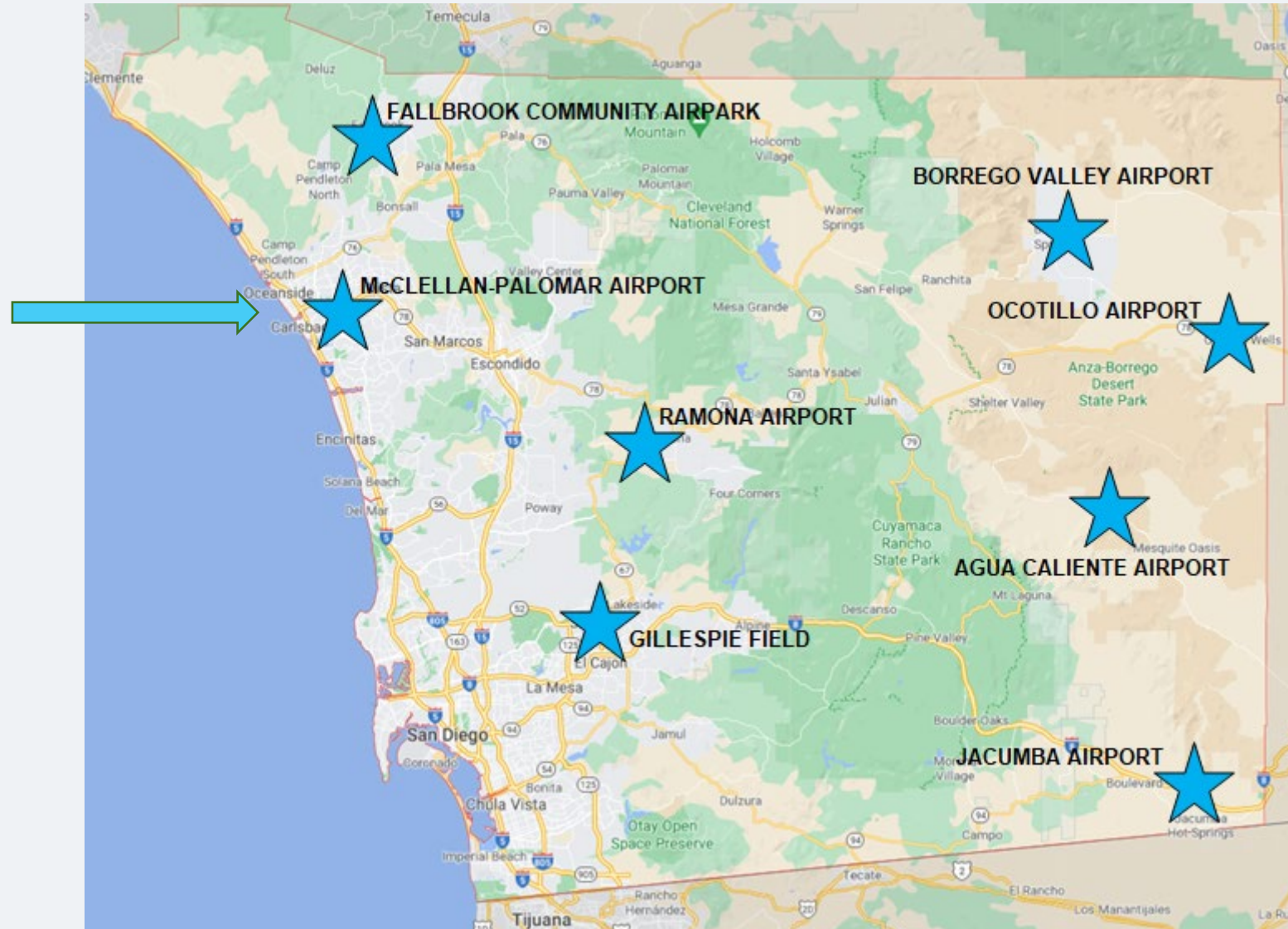
# Agenda

- McClellan-Palomar Airport overview
- The Airport Master Plan and its history
- How could the airport enhance safety
- What should the role of the airport be in the community
- What should the role of the airport be in the region
- What could an environmentally sustainable airport look like

# **McCLELLAN-PALOMAR AIRPORT AND MASTER PLAN**

---

# County Airports System



1959



# Today



# What is a Master Plan?



**20-Year Development Plan to  
Enhance Airport Safety and Facilitate Aviation Demand**

# History Leading To Master Plan Update

---

- 2011:** Board directed a runway extension feasibility study
- 2013:** Feasibility Study determined runway length too short for current aircraft and feasible to extend up to 900'
- 2015:** Board directed Master Plan update with safety improvements based on airplanes using the airport

# 2018 Board Adopted Master Plan

## 20-Year Improvement Plan

### CONCEPTUAL DEVELOPMENT PHASES/FEATURES:

#### NEAR-TERM (0-7 YEARS)

- 1 Relocation of the Glideslope Building and Antenna
- 2 Relocation of the Segmented Circle and Windsock Equipment
- 3 Relocation of ARFF Facility
- 4 Construction of EMAS System for RWY 24
- 5 Relocation of the Vehicle Service Road
- 6 Relocation of Lighting Vault
- 7 200' Extension of Existing RWY 06-24 and TWY A

#### INTERMEDIATE-TERM (8-12 YEARS)

- 8 Removal of Fuel Farm on North Apron
- 9 Removal of the North Apron and TWY N
- 10 Area Reserved for Future GA Parking
- 11 Passenger/Admin/Parking Facility Improvements

#### PHASE 3: LONG-TERM (13-20 YEARS)

- 12 Relocation / 200'/600' Extension of RWY 06-24 (Includes REILs, PAPIs, Localizer Antennae and MALSRs)
- 13 Removal/Reconstruction of Existing Connector Taxiways
- 14 Removal/Reconstruction of Existing TWY A (Includes Lighting)
- 15 Construction of EMAS System for RWY 06
- 16 Relocation of EMAS System for RWY 24



# Master Plan Approval & Legal Challenge

Oct 2018

- Board Approved Master Plan & Environmental Impact Report

Nov 2018

- Lawsuit filed challenging Master Plan & Environmental Impact Report

Jan 2021

- Ruling: additional noise analysis & Conditional Use Permit amendment

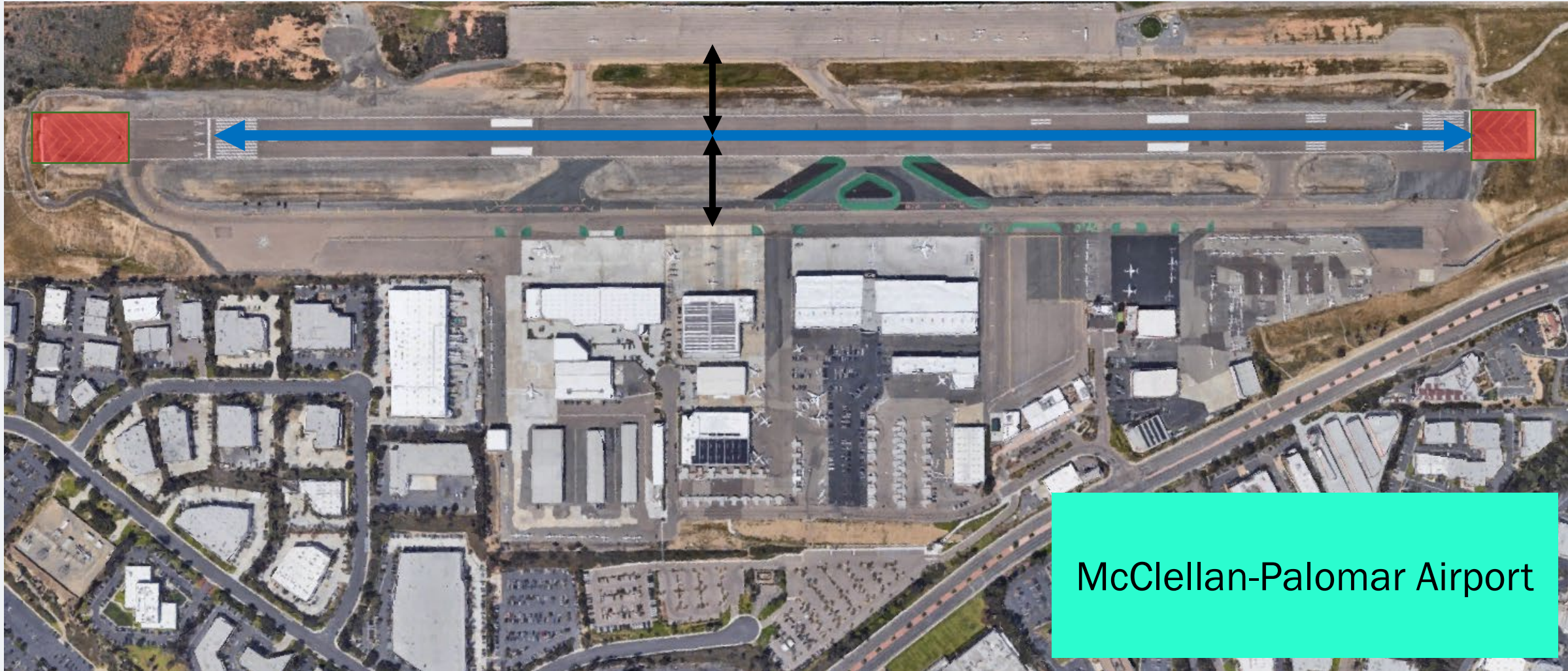
May 2021

- Board Rescinded Master Plan & Environmental Impact Report

# SAFETY ENHANCEMENTS

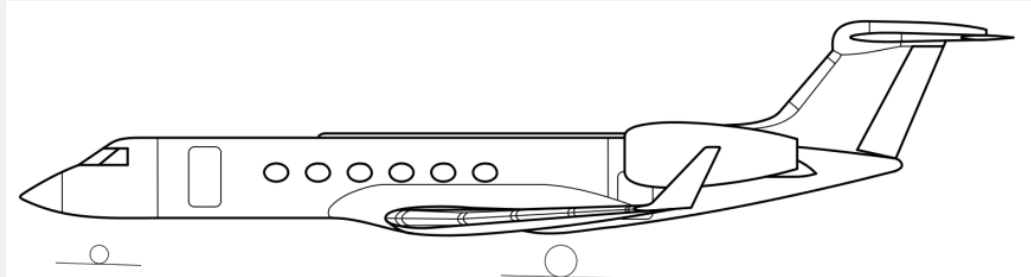
---

# Airport Design Standards



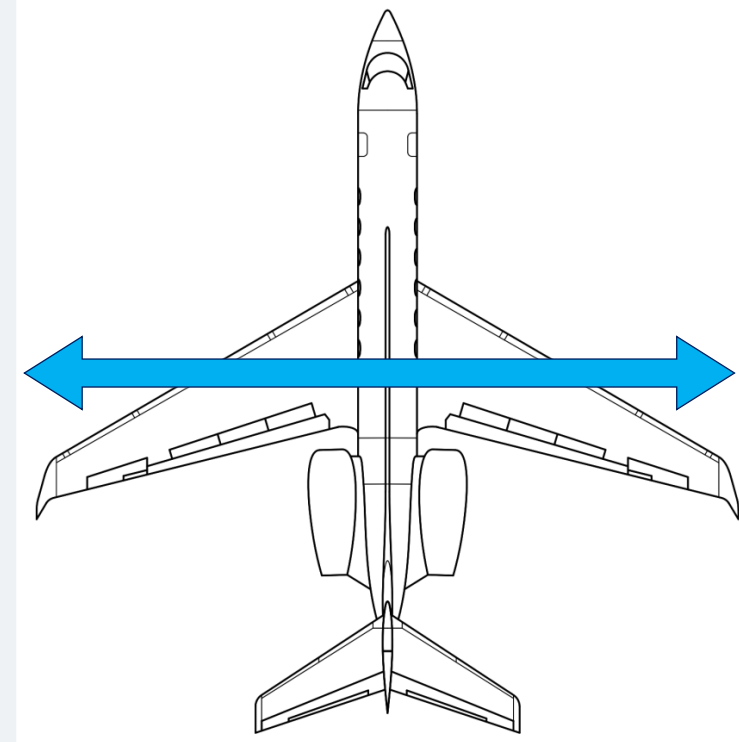
McClellan-Palomar Airport

# Critical Design Aircraft



**Approach Speed  
(Shown by a Letter)**



**A, B, C, D, E**



**Wingspan  
(Shown by a Roman Numeral)**

**I, II, III, IV, V**

# Critical Design Aircraft

Airplane Design Categories		Category Approach Speed	Category Wingspan width	Category Airplane
<b>B-II</b>		91-120 knots	49-78 feet	Falcon 2000 (1997 Master Plan: Critical Aircraft)
				Wingspan: 63.5'
<b>D-III</b>		141-166 knots	79-117 feet	Gulfstream 650 (2018 Master Plan Update: Critical Aircraft)
				Wingspan: 99.7'

# B-II With Safety Enhancements



# D-III Design Standards



# Safety Enhancement Alternatives and Options

## Design Standard Alternatives

- B-II: Current Airfield Condition
- D-III: Enhances Safety to Accommodate Current Aircraft

## Runway Extension Options

- B-II: Up to 900 feet
- D-III: Up to 800 feet

# ROLE OF THE AIRPORT IN THE COMMUNITY AND REGION

---

# Role of the Airport

## National Significance:



- Certified Commercial Service Airport
- Included in the National Airport System Plan
- Classified as a National Air Transportation Asset

## Regional and Community Services:



- Air Transportation Hub
- Emergency Services
- Economic Engine



# Air Transportation Hub



Commercial Service



General Aviation



Business Aviation



# Emergency Services



# Emergency Services



# Economic Engine For Region and Community

Regional  
Impact

Current  
(2019)

Carlsbad  
Impact



**Jobs**

**2,590**

Supported by  
the Airport



**Income**

**US \$168M**

Generated by  
jobs



**Economic  
Activity**

**US \$461M**

Generated by  
Industry Activity



**Tax  
Revenue**

**US \$72M**

Generated by  
Industry Activity  
and Income



**Jobs**

**910**

Supported by  
the Airport



**Income**

**US \$53M**

Generated by  
jobs



**Economic  
Activity**

**US \$165M**

Generated by  
Industry Activity

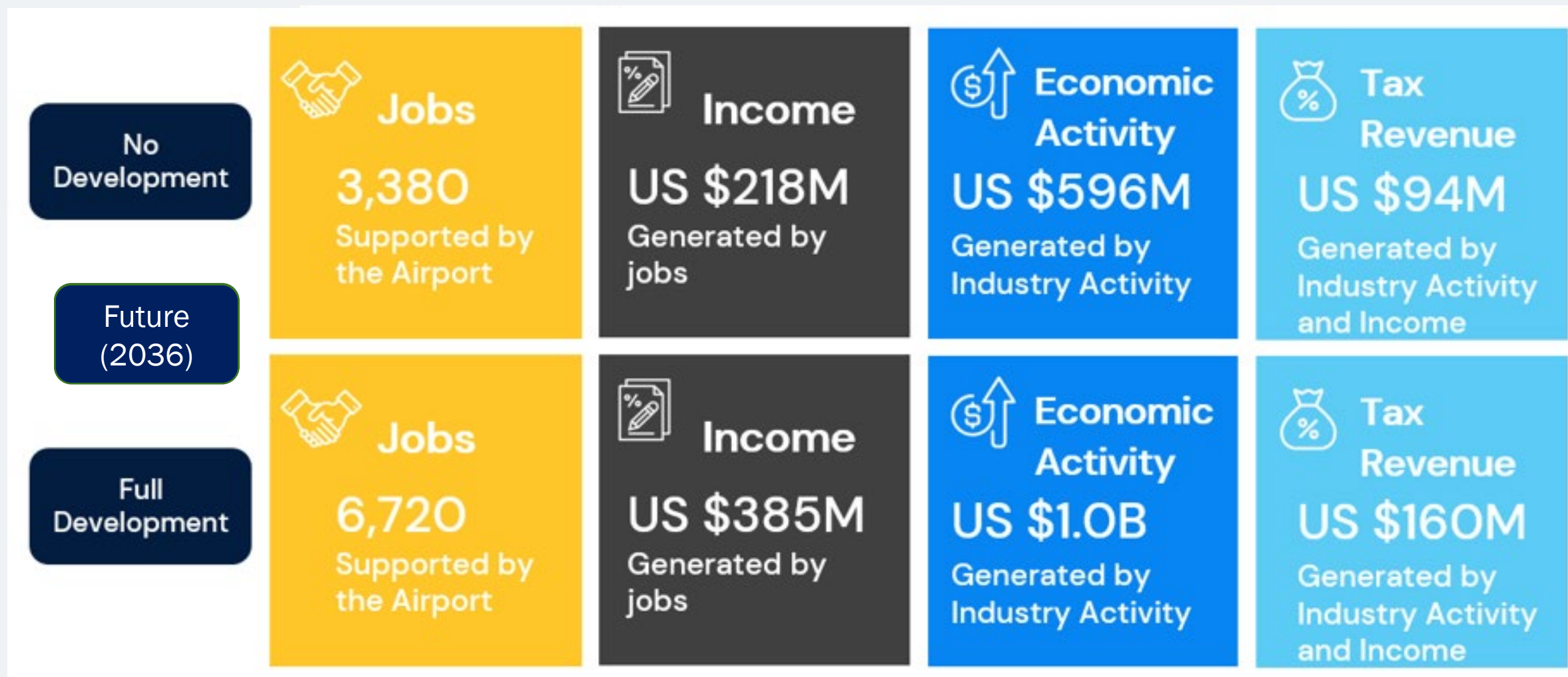


**Tax  
Revenue**

**US \$23M**

Generated by  
Industry Activity  
and Income

# Economic Engine For Region and Community



# SUSTAINABILITY

---

# Airport Sustainability



# Electric Airliners Becoming a Reality

14 JULY 2021 **NEWS**

**United Airlines signs deal to acquire 100 Heart Aerospace ES-19 aircraft**



United commits to reducing its greenhouse gas emissions by 100% by 2050.  
Credit: © United Airlines.

# NEXT STEPS

---

# Survey

## Survey

- ☐ Role of the Airport in the Community
- ☐ Role of the Airport in the Region
- ☐ Safety Enhancements
- ☐ Sustainability



# How to Stay Informed and Involved

## How to Stay Informed:

- Visit the Project Website
- Sign Up for Email Updates

## How to Stay Involved:

- Provide Comments via Email
- Attend Public Meetings:
  - Palomar Airport Advisory Committee Meeting: Oct 14
  - Board of Supervisors Meeting: Nov 3 (tentative)



County of San Diego

## **McCLELLAN-PALOMAR AIRPORT**

# **MASTER PLAN UPDATE AND PROGRAM ENVIRONMENTAL IMPACT REPORT**

Virtual Informational Meeting

September 29, 2021

