HWO Master Plan Update Technical Advisory Committee (TAC) Briefing #1

September 28, 2016

BROWARD COUNTY FLORIDA

TAC Committee

Role:

To provide input on the master planning analysis from the technical and operational perspectives.

Briefing Agenda

- Background
- Master Planning Team
- Study Overview
- Master Planning Process and Schedule
- Airport Baseline Conditions
- Internal Visioning Charrette – Key Themes
- Aviation Activity Forecasts
- Next Steps

Background

FORT LAUDERDALE-HOLLYWOOD INTERNATIONAL AIRPORT
BROWARD COUNTY, FLORIDA

NORTH PERRY AIRPORT
BROWARD COUNTY, FLORIDA

October 2014 – County Commission Board approved RFP No. R1277707P1 for Airport Master Plan Update Consultant Services

January 2015 – Final Evaluations and Rankings Completed

March 2015 – County Commission Board Approved Ranking and Negotiations Commenced

October 2015 – County Commission Board Approves Agreement with Ricondo & Associates, Inc. for Airport Master Plan Update Consultant Services

November 2015 – Notice to Proceed Issued

Master Planning Team

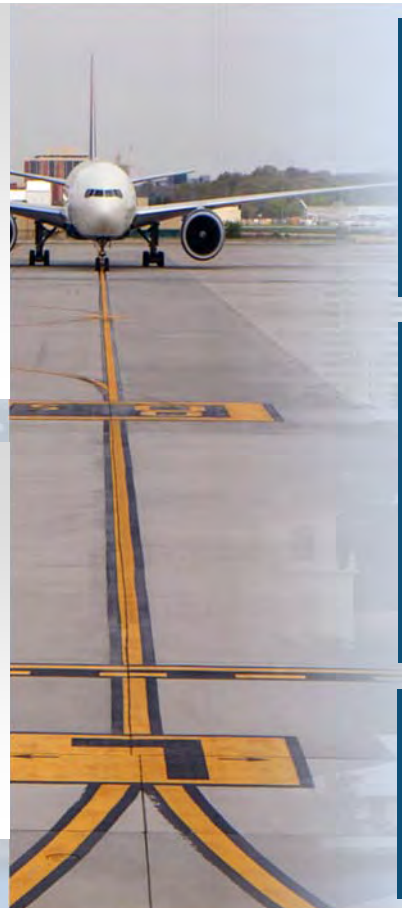
Study Overview

FLL
MASTER PLAN

COMPLETED 2010

HWO
MASTER PLAN UPDATE

COMPLETED 2009

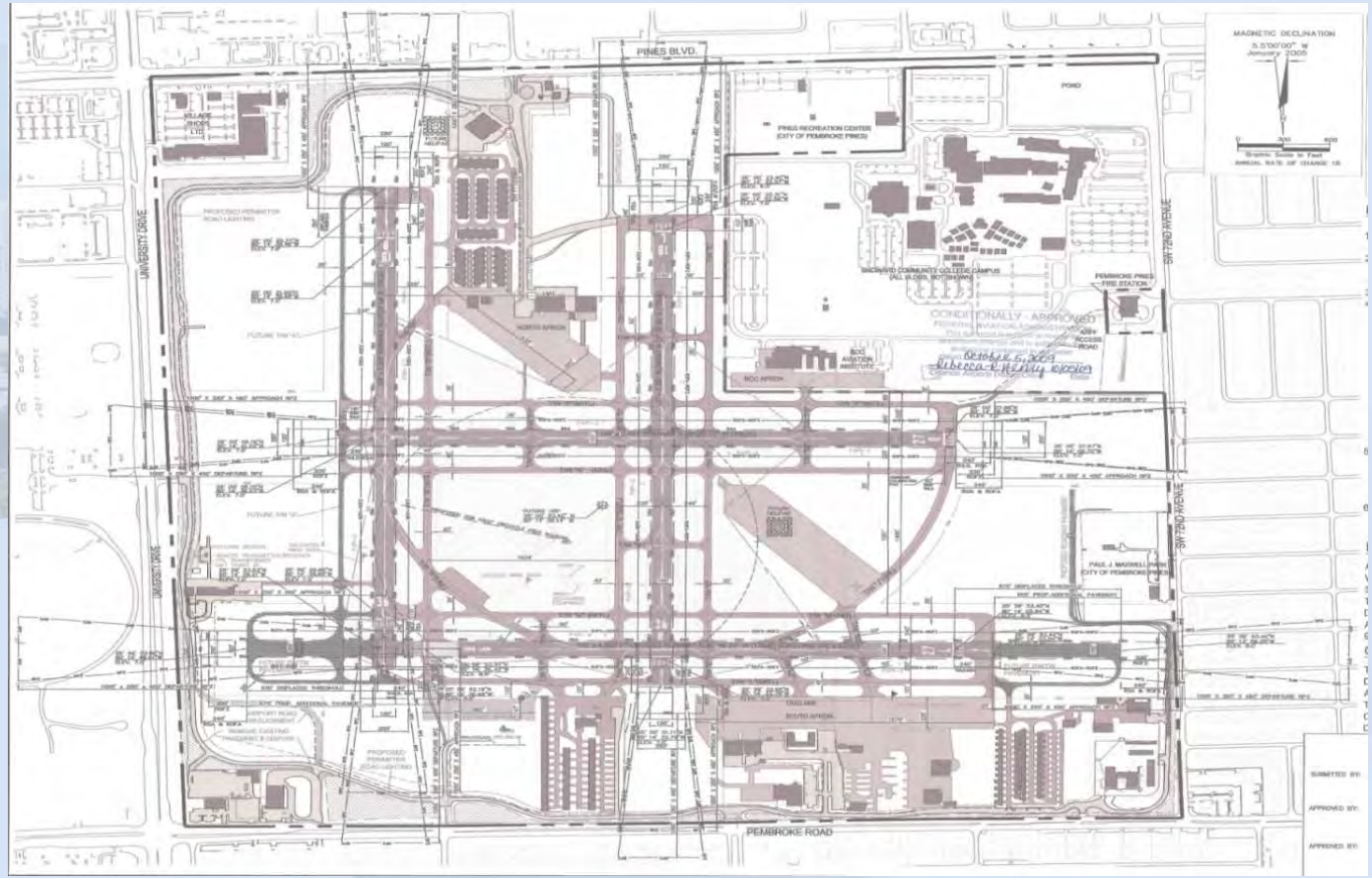


Changes in the overall aviation market and the global economy warrant master plan updates.

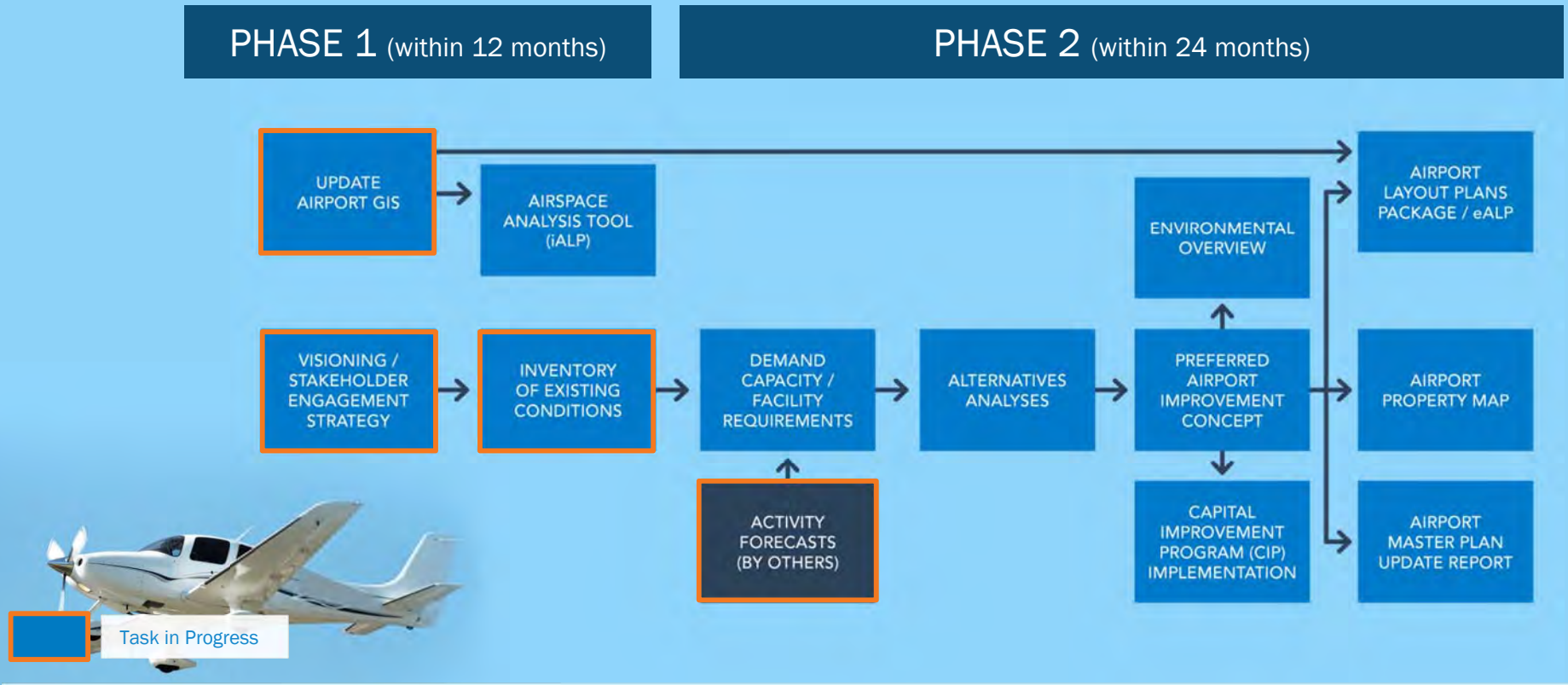
Federal Aviation Administration (FAA) and the Florida Department of Transportation (FDOT) will partly fund the master plans.

Two sequential phases were identified to correlate with federal and state funding.

Long-term Airport Plan proposed by 2009 Master Plan



HWO Master Planning Process



Stakeholder engagement throughout the Study to occur through Master Plan Committee Meetings, Stakeholder briefings, and Public meetings

Desired Study Outcomes

HWO
MASTER PLAN UPDATE

will produce the following:

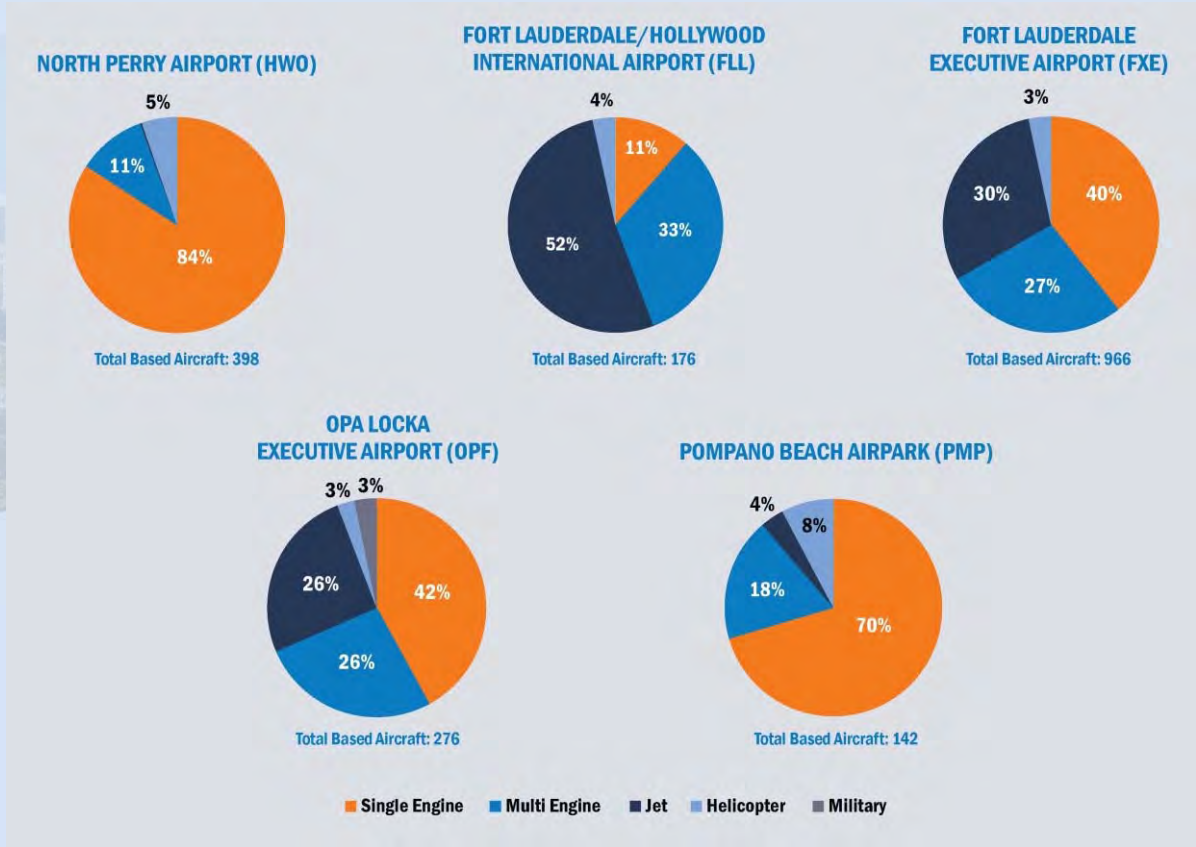
- Future vision for HWO to assess its future role within the regional air transportation system
- A comprehensive long-term development plan for HWO
- Updated Capital Improvement Program (CIP)
- Electronic Airport Layout Plan (eALP): Compliant with FAA's AGIS (Airport GIS) Standards
- Airspace Analysis Tool (iALP)

Airport Baseline Conditions

HWO Current Conditions

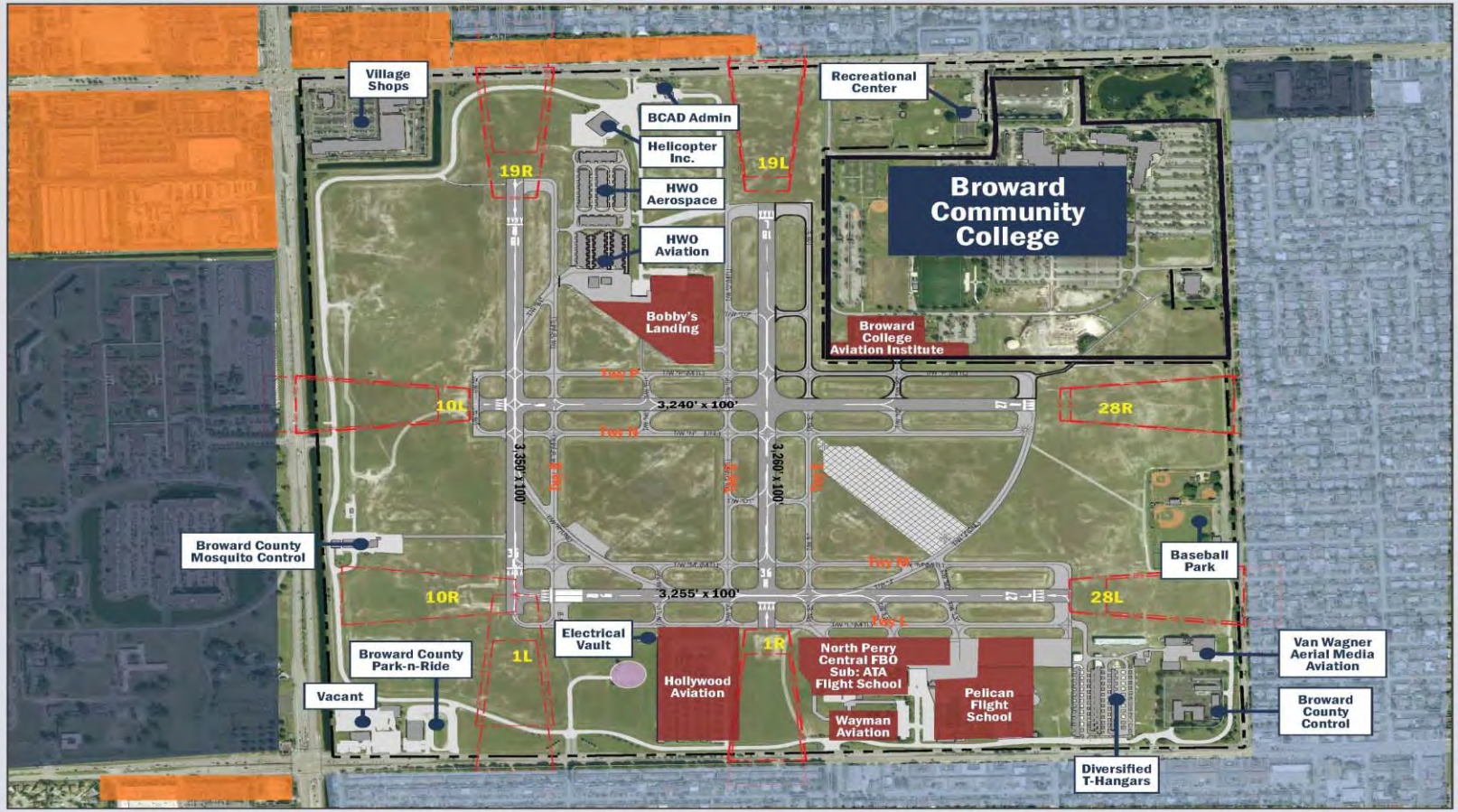
- Airport Size: 536 Acres
- Designated as a General Aviation Reliever Facility
- Restricted to aircraft of 12,500 pounds or less MTOW
- Four paved runways and affiliated taxiways
    - Runway 1L/19R – 3,350 ft. X 100 ft. (Visual)
    - Runway 1R/19L – 3,260 ft. X 100 ft. (Visual)
    - Runway 10L/28R - 3,240 ft. X 100 ft. (Non-precision instrument – 28R)
    - Runway 10R/28L – 3,255 ft. X 100 ft. (Non-precision instrument – 10R)
- All runway ends are currently displaced
- Contract Air Traffic Control Tower

Overview of the Airport and HWO's Role Today



SOURCES: Kimley-Horn & Associates, Inc.,Draft HWO Activity Forecasts, April, 2016; Airnav CY 2015 Based Aircraft Data.

HWO Existing Conditions



Internal Visioning Charrette – March 2016

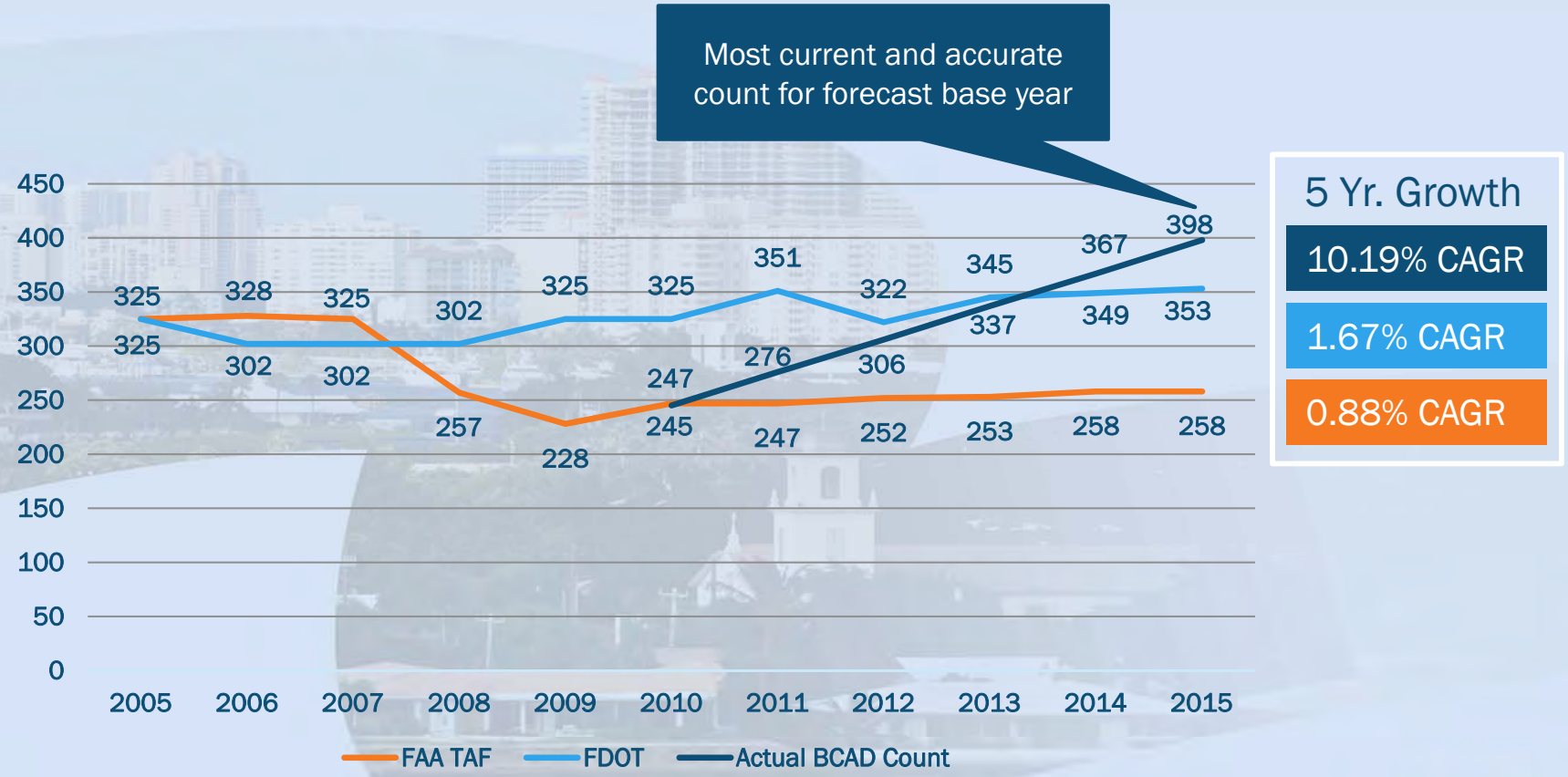
Key Themes

General Themes for the Airport

- Position HWO as a “Community” airport.
- Surplus land at HWO creates opportunities to diversify the revenue base through non-aeronautical development.
- Current infrastructure limitations (runway length, pavement limitations, and airspace constraints) and community sensitivities (noise) will continue to limit ability to enhance the role of HWO.
- Opportunities to explore: revenue generating development that is community friendly; light manufacturing; other development that yield benefits for the community.

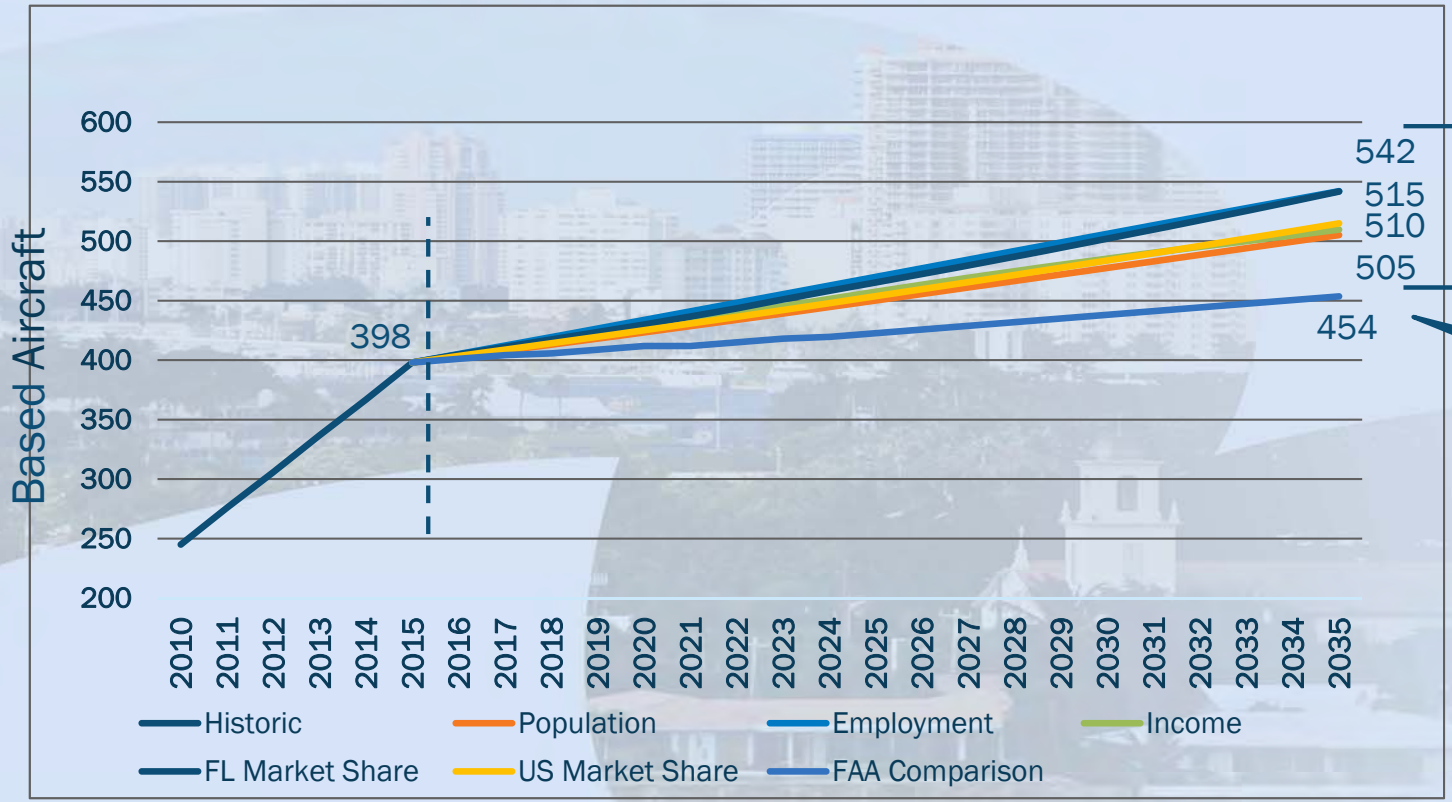
Airport Activity Forecasts

Historic Based Aircraft



5 Yr. Growth
10.19% CAGR
1.67% CAGR
0.88% CAGR

Based Aircraft Forecast Comparison

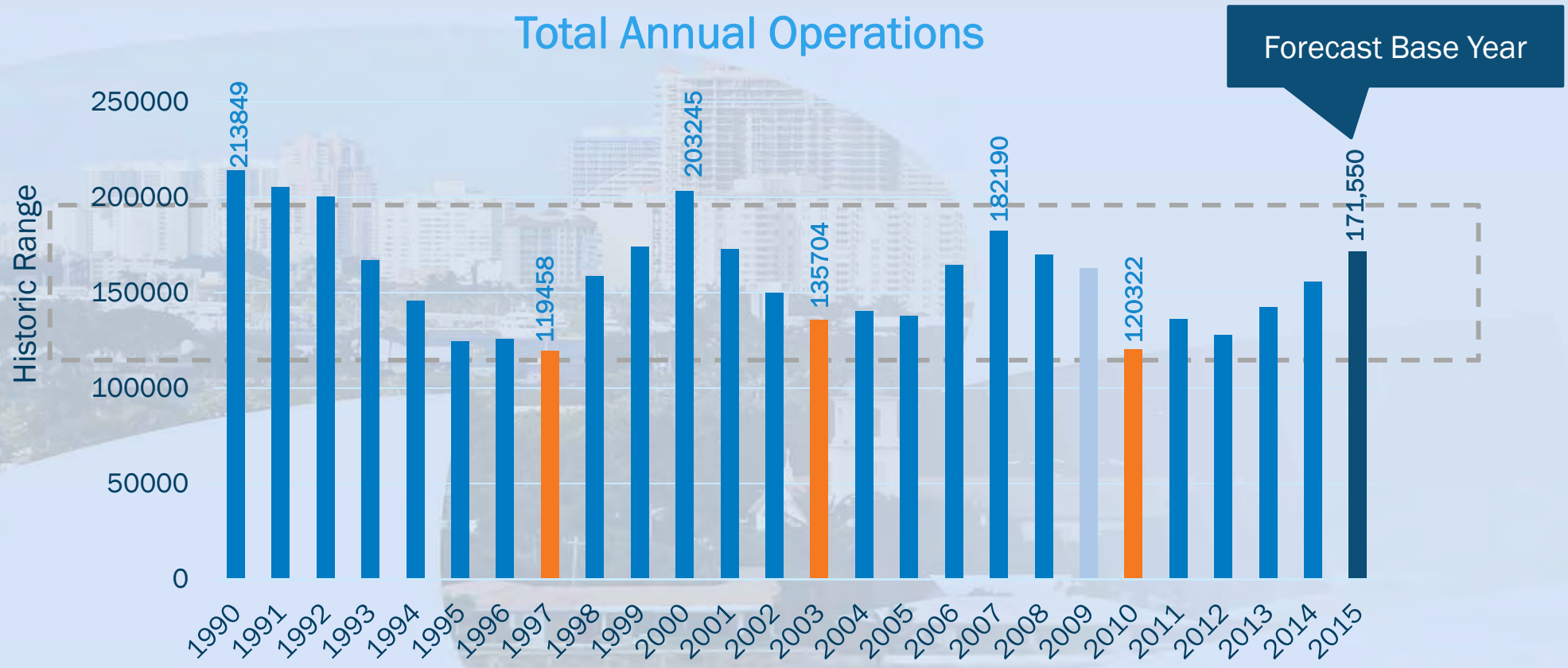


Socioeconomic and market share forecasts continue historic trend but do not acknowledge local limitations.

FAA Comparison recommend as Preferred based aircraft forecast

Historic Operations

Total Annual Operations



Source: FAA ATADS which is consistent with ATC Tower Counts

Operations Forecast Comparison

Ops per Base Aircraft recommend as Preferred operations forecast

- Socioeconomic and market share forecasts do not draw strong correlations.
- OPBA pairs current activity levels with based aircraft forecast.

Next Steps

- Submit Forecasts to the FAA for Review and Approval
- Begin Capacity Analysis and Identification of Future Needs

THANK YOU!

BROWARD COUNTY FLORIDA