



HWO Master Plan Update Policy Advisory Committee (PAC) Briefing #1

September 22, 2016

PAC Committee



Provides:

- Input on macro-level policy issues
- Comments relative to the near-term and long-term aviation goals of Broward County
- Guidance
- Community and Regulatory 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



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

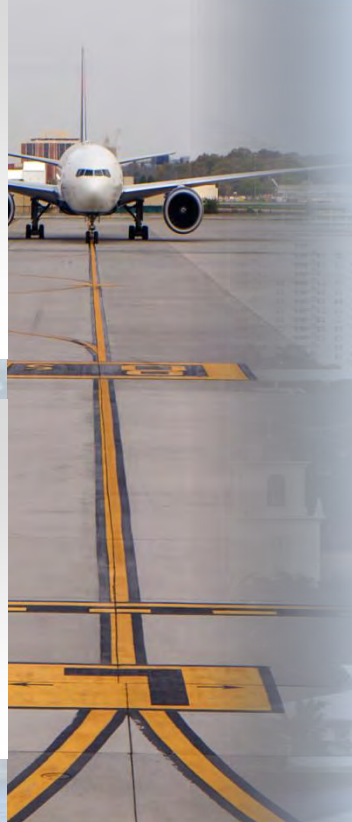
MASTER PLAN

COMPLETED 2010

HWO

MASTER PLAN UPDATE

COMPLETED 2009

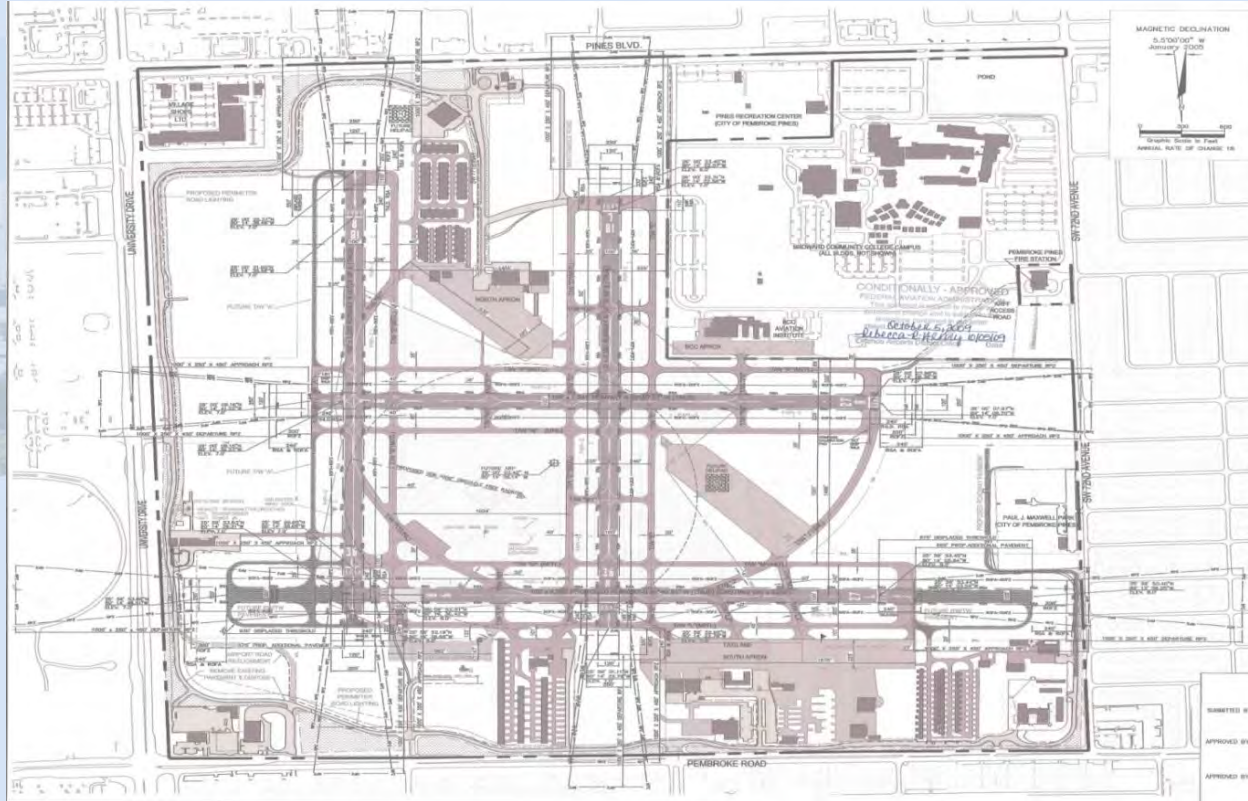


Changes in the overall aviation market and the global economy warrant master plan updates.

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

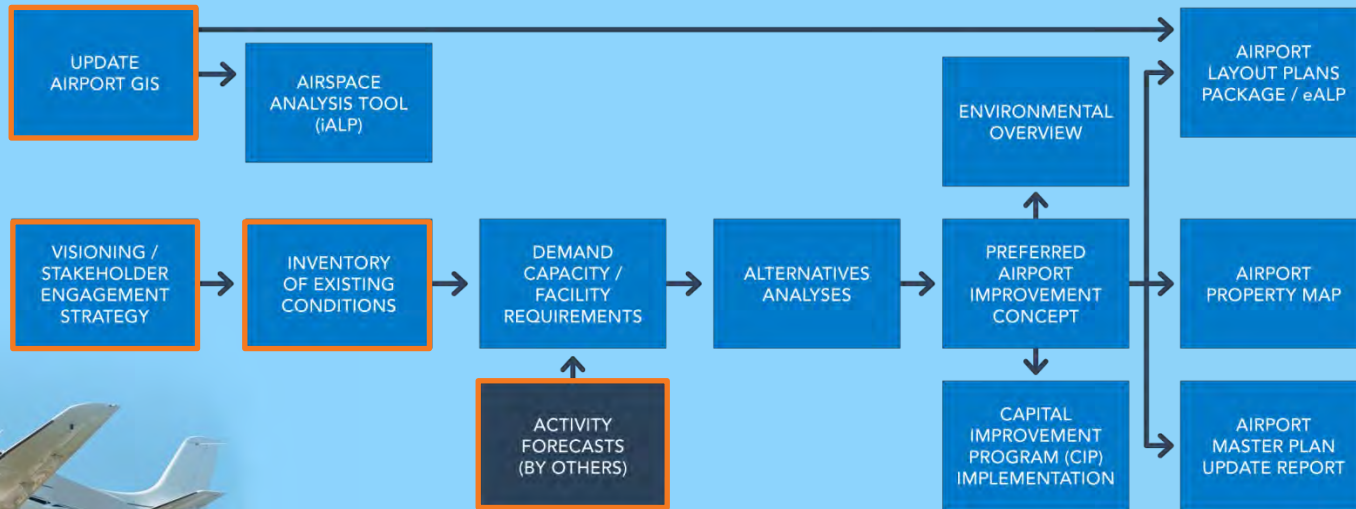


HWO Master Planning Process



PHASE 1 (within 12 months)

PHASE 2 (within 24 months)



Task in Progress

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

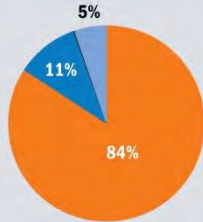


- Airport Size: 536 Acres
- Designated as a General Aviation Reliever Facility
- Restricted to aircraft of 12,500 pounds or less MTOW
- Four paved runways and affiliated taxiways
 - Runway 1L/19R – 3,350 ft. X 100 ft. (Visual)
 - Runway 1R/19L – 3,260 ft. X 100 ft. (Visual)
 - Runway 10L/28R - 3,240 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

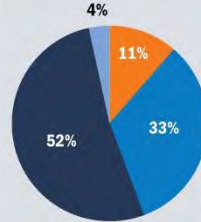


NORTH PERRY AIRPORT (HWO)



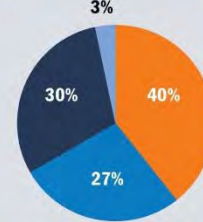
Total Based Aircraft: 398

FORT LAUDERDALE/HOLLYWOOD INTERNATIONAL AIRPORT (FLL)



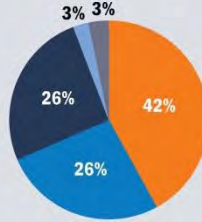
Total Based Aircraft: 176

FORT LAUDERDALE EXECUTIVE AIRPORT (FXE)



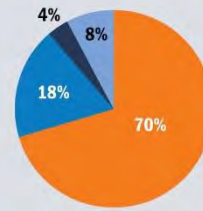
Total Based Aircraft: 966

OPA LOCKA EXECUTIVE AIRPORT (OPF)



Total Based Aircraft: 276

POMPANO BEACH AIRPARK (PMP)

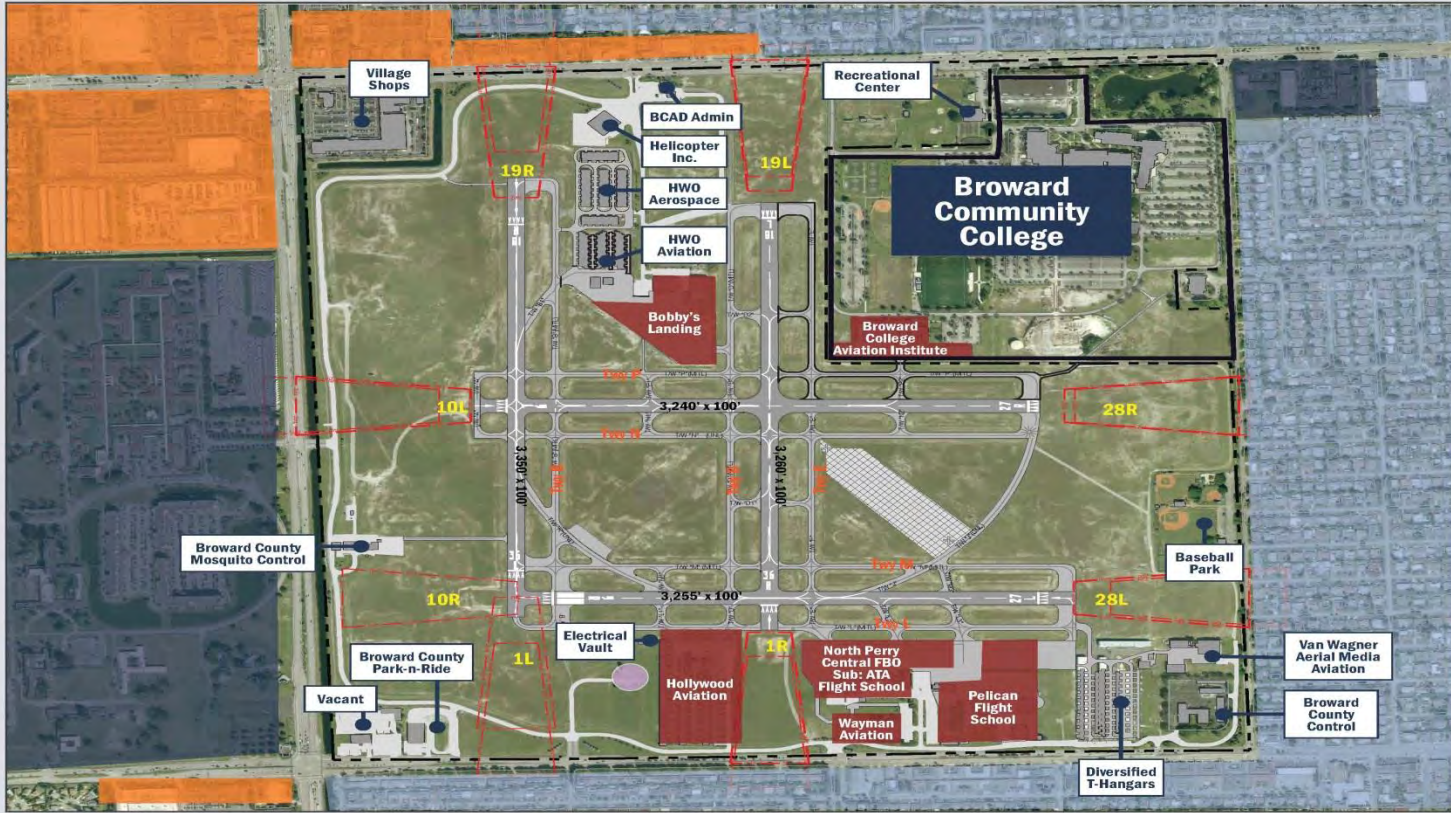


Total Based Aircraft: 142

Single Engine Multi Engine Jet Helicopter Military

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

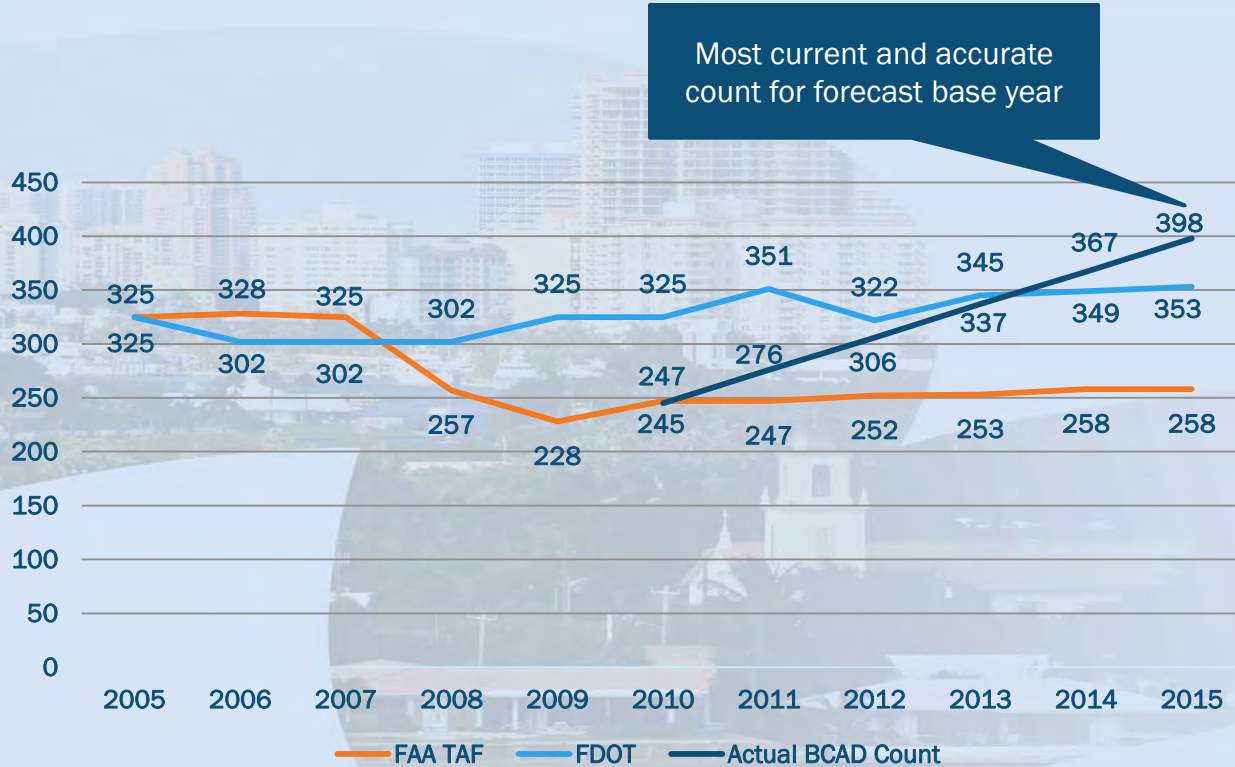
General Themes for the Airport



- 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



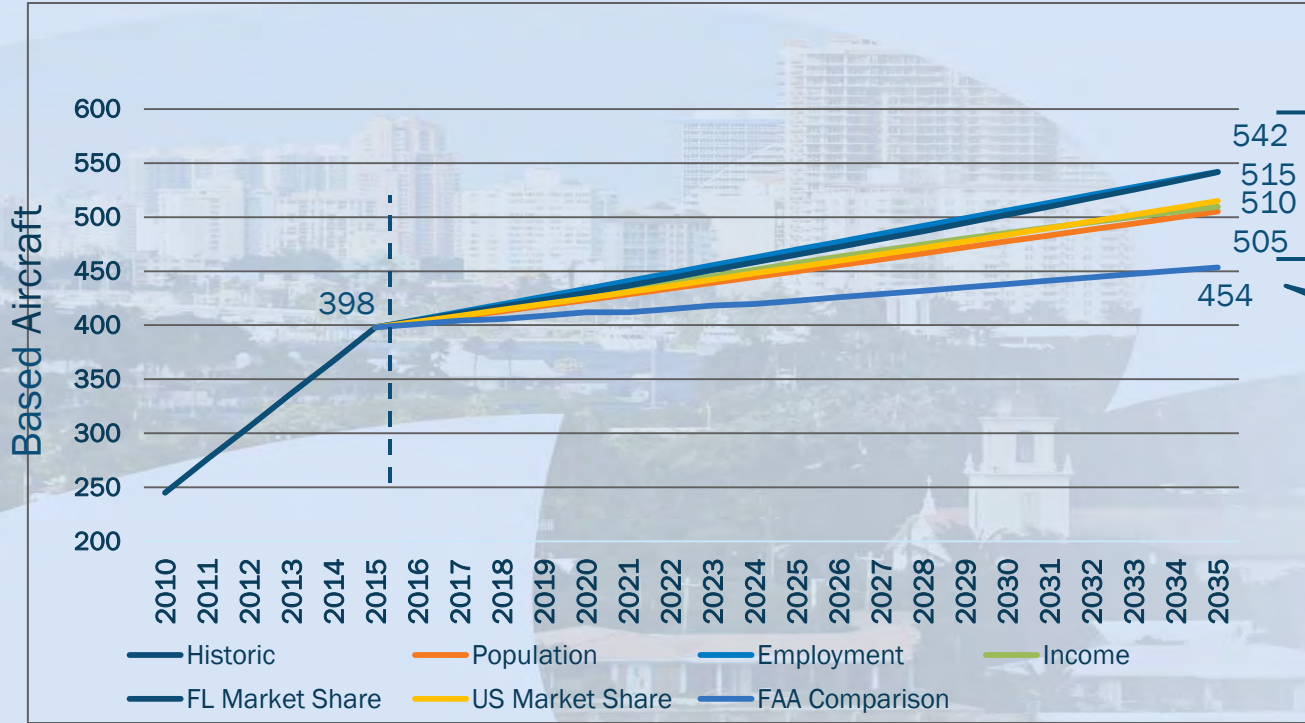
5 Yr. Growth

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.

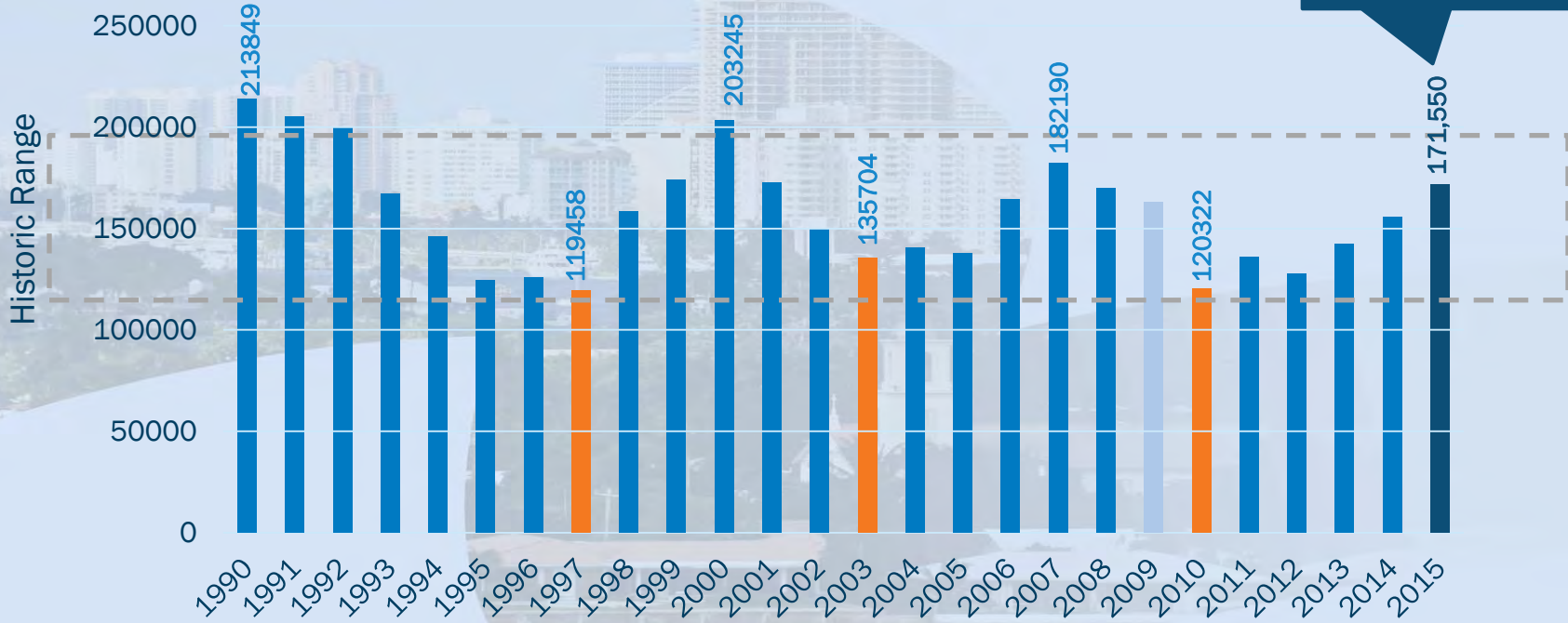
FAA Comparison recommend as Preferred based aircraft forecast

Historic Operations



Total Annual Operations

Forecast Base Year



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!

