Agenda

• Master Plan Definition and Process
• Existing Conditions and Study Area
• Aviation Activity Forecast
• Proposed Short-, Intermediate-, and Long-Term Development
• Airport Layout Plan (ALP)
• Joint Use Review
• Outreach Program
• Next Steps
What is an Airport Master Plan?

“An airport master plan is a comprehensive study of an airport and usually describes the short-, medium-, and long-term development plans to meet future aviation demand.”

– FAA Advisory Circular 150/5070-6B – Airport Master Plans

Why Update the Key West International Master Plan:

• Previous Master Plan was completed in 2003

• Federal Aviation Administration (FAA) recommends updating master plans every 5 to 10 years

• Ensures that the Airport will be able to accommodate future aviation demand

• Keeps the Airport in compliance with FAA requirements to maintain an up-to-date Airport Layout Plan (ALP)
Airport Master Plan Process

1. INVENTORY
   - Airport History
   - Environmental Overview
   - Financial Data
   - Historical Aviation Activity
   - Regional Setting and Land Use
   - Existing Facility Conditions

2. AVIATION FORECAST
   - Passenger Terminal
   - Auto Parking
   - Ground Access and Roadways
   - Cargo Facilities
   - General Aviation Facilities
   - Support Facilities
   - Airfield/Airspace Facilities

3. DEMAND/CAPACITY ANALYSIS AND FACILITY REQUIREMENTS
   - Enplanements
   - Peaking Characteristics
   - Fleet Mix
   - Factors Affecting Demand

4. ALTERNATIVES DEVELOPMENT
   - Identify Alternatives
   - Evaluate Alternatives
   - Select Preferred Alternative

5. ENVIRONMENTAL REVIEW/ SUSTAINABILITY INITIATIVES
   - Environmental Overview Report
   - Recycle, Reuse and Waste Reduction Plan
   - Sustainability Workshop/Framework
   - Evaluation of Proposed Development
   - Noise Evaluation

6. FINANCIAL PLANNING
   - Capital Investment Plan
   - Sources of Funding
   - Project Sequencing/Master Schedule
   - Financial Feasibility

7. AIRPORT LAYOUT PLAN
   - Approach Plans
   - FAR Part 77 Plans
   - Airport Layout Plan
   - Land Use Plans
   - Data Sheet

Completed
- Received FAA approval in August 2016

Ongoing
Existing Conditions and Study Area

334 acres

Runway 9-27 (5,073' x 100)

S. Roosevelt Road
The approved forecasts drove the proposed Master Plan development.

**Sources:** FAA, April 2016 (historical); Ricondo & Associates Inc., McFarland Johnson, Inc., May 2016 (forecast).
Proposed Intermediate-Term Development

(6 - 10 Year Horizon)
Proposed Long-Term Development

(11 - 20 Year Horizon)
Joint Use Review

Joint-Use Viability Review

- Joint Military and Commercial Airline Use Only
- Review of Existing Documentation and Informal Coordination with Naval Air Station Personnel
- Identified Areas with Particular Operational Challenges (aircraft operational requirements, security, developable land, facility requirements)
- Further Development and Study of Joint-Use Concept Would be Required

Stakeholder Involvement and Public Outreach

PUBLIC MEETING #1: NOVEMBER 1, 2016
Master Plan Process
Aviation Activity Forecasts

PUBLIC MEETING #2: JANUARY 19, 2018
Facility Requirements
Development Alternatives

PUBLIC MEETING #3: JUNE 14, 2018
Preferred Development Layout
Implementation Plan and Financial Feasibility

TECHNICAL REVIEW COMMITTEE MEETING #1: JUNE 16, 2016
Inventory
Aviation Activity Forecasts

TECHNICAL REVIEW COMMITTEE MEETING #2: NOVEMBER 2, 2016
Facility Requirements
Development Alternatives

TECHNICAL REVIEW COMMITTEE MEETING #3: MAY 23, 2017
Preferred Development Layout
Environmental Overview
Preferred Development Plan
Next Steps

BOCC approval of final recommendations and airport layout plan
  – Revise plan and documentation as necessary

Submit Airport Master Plan Update and ALP set to:
  – Federal Aviation Administration (FAA)
  – Florida Department of Transportation (FDOT)

Closeout project upon receipt of FAA and FDOT approvals