

*PENSACOLA
INTERNATIONAL
AIRPORT*

*MASTER PLAN
UPDATE*

WORKING PAPER 1

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RS&H



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CHAPTER 1
GOALS AND OBJECTIVES

1.1 INTRODUCTION

An airport master plan is a comprehensive study of an airport that describes the short-, medium-, and long-term development plans to meet future aviation demand, typically with a 20-year outlook. The last Pensacola International Airport master plan for was completed in 2000 and is overdue for an update. Regular, recurring updates of airport master plans help ensure that current and relevant development strategies are in place for the continued safe, efficient, and sustainable operation of an airport.

This Pensacola International Airport Master Plan Update for Pensacola International Airport will be completed in 2017 and will address the recommended plan for the Airport through 2035. This Master Plan Update defines airfield, landside, terminal, and land-use plans necessary to meet the forecast aviation demands. The study considers the specific role Pensacola International Airport plays within the National Airspace System and the local community. Therefore, the potential socio-economic, environmental, and financial impacts are considered throughout the course of this study.

The purpose of this Chapter is to describe the framework for the Master Plan Update process – including description of the study goals and objectives. This framework is established at the outset of the project to facilitate the customization of this study to the uniqueness of the Airport.

1.2 GOALS AND OBJECTIVES

A list of study goals and objectives was generated with the purpose of identifying the desired accomplishments of the Master Plan Update process. The study goals are broad foundational statements that represent the Airport's aspirations for the master plan process. The study objectives are more specific and measurable criteria by which accomplishment of the goals can be gauged.

Master plan goals and objectives are a reflection of the key airport issues that the master plan will attempt to resolve. Pensacola International Airport staff identified ongoing and anticipated issues based on review of the surrounding environs at the outset of the study. This list of issues is the basis of the study goals and objectives. The goals and objectives are used to focus the study analysis on the key issues and focus areas that are most important.

The list of study goals and objectives is as follows:

Goal: Consider public input

- » Objective: Share findings and invite general public input through a public involvement workshop
- » Objective: Solicit input from Technical Advisory Committee and Citizen Advisory Committee throughout the Master Plan process
- » Objective: Review community and other previous studies for applicability to the Master Plan process

Goal: Accommodate short-term (2020), intermediate-term (2025), and long-term (2035) demand

- » Objective: Identify facility enhancements (e.g., reconfigure, repurpose) to increase efficiency and functionality

- » Objective: Establish a plan for airfield infrastructure to support future development to accommodate the critical aircraft
- » Objective: Evaluate long-term air cargo development options based upon forecast cargo activity
- » Objective: Identify RON / RAD parking options to meet demand
- » Objective: Create an efficient operating environment for helicopter operations
- » Objective: Evaluate general aviation facilities to increase usability
- » Objective: Implement corporate general aviation facility strategy
- » Objective: Identify potential passenger terminal enhancements to accommodate user needs
- » Objective: Confirm main terminal building has adequate capacity to accommodate demand through planning horizon
- » Objective: Ensure concourse has adequate capacity to accommodate aircraft parking during peak hour
- » Objective: Assess vehicle parking alternatives to balance demand between different price point options
- » Objective: Enhance rental car ready / return facilities to increase efficiency
- » Objective: Reconfigure terminal curbside to reduce congestion
- » Objective: Provide backup power and water supplies

Goal: Promote highest and best land use

- » Objective: Identify complimentary land use options adjacent to the passenger terminal
- » Objective: Encourage compatibility between on- and off-airport land uses
- » Objective: Promote highest and best land use to support efficient airport operations
- » Objective: Assess potential for relocating / consolidating Remote Transmitter/Receiver (RTR) sites that currently diminish other land development opportunities
- » Objective: Validate highest and best land use of Airport Commerce Park

Goal: Conform with industry regulations and guidelines

- » Objective: Resolve nonstandard airfield configuration layouts to enhance safety
- » Objective: Assess airspace conditions to promote efficient use of navigable airspace

Goal: Further environmental awareness

- » Objective: Coordinate airport development with community land use plans
- » Objective: Minimize aircraft/airport impact on airport neighbors
- » Objective: Recognize noise sensitivity of nearby uses
- » Objective: Implement environmental sustainability initiatives

Goal: Maintain fiscal sustainability

- » Objective: Minimize increases to airline cost per enplaned passenger in the near- and intermediate-term
- » Objective: Encourage financially self-sustaining general aviation development

- » Objective: Match the 5-year CIP to available grants and Capital Improvement account deposits
- » Objective: Minimize increases in new airport debt in near- and intermediate-term
- » Objective: Enhance non-airline revenue by employing innovative revenue development strategies
- » Objective: Encourage adaptive reuse of existing facilities
- » Objective: Identify strategies to increase airline revenue generation
- » Objective: Identify fiscally responsible and cost-effective airport development options

Goal: Facilitate regional economic growth

- » Objective: Enhance regional transportation connections to the Airport
- » Objective: Encourage increased economic impact to community
- » Objective: Facilitate healthy partnerships with local business entities

Goal: Consider future industry trends

- » Objective: Consider impacts of potential TSA directives for employee screening
- » Objective: Evaluate impacts of future passenger processing technologies on terminal building space
- » Objective: Assess impacts of corporate general aviation growth trends

1.3 STUDY ORGANIZATION

The Master Plan Update study will be prepared in coordination with the Federal Aviation Administration (FAA), Florida Department of Transportation (FDOT), and other local agencies and interests. The organization of the study and resulting technical documentation complies with the recommended outlines and scopes in the following regulatory documents:

- » FAA Advisory Circular 150/5070-6B, Change 2, *Airport Master Plans*
- » FDOT *Guidebook for Airport Master Planning (April 2010)*

The outline of the Master Plan Update technical report is as follows:

Chapter 1 - Goals and Objectives

Chapter 1 describes the initial goals and objectives of the Airport that are reflective of the identified focus areas for the Master Plan.

Chapter 2 - Inventory of Existing Conditions

Chapter 2 will report on the state of the existing facilities. The purpose is to document the issues that the subsequent proposed development will address. This effort includes investigation of key issues of the various airport stakeholders and users. Data sources include review of previous studies, observations, and interviews

Chapter 3 - Forecasts

Chapter 3 will describe the forecast aeronautical demand activity for short-, intermediate-, and long-term time frames at the Airport. The forecast will be prepared based on an analysis of historic air traffic, trend factors, and socioeconomic considerations. The forecast will use the base year of federal fiscal year 2015. The short-term horizon is fiscal year 2020, the intermediate-term horizon is fiscal year 2025, and the long-term horizon is fiscal year 2035. This element of the Master Plan Update will be submitted for specific review by the FAA.

Chapter 4 - Facility Requirements / Demand Capacity

Chapter 4 will describe the ability of the existing airport facilities to accommodate the forecast aeronautical demand activity. The chapter will identify facility enhancements that will be required to accommodate the demand based on capacity shortfalls. This analysis is key to the justification of the proposed airport development.

Chapter 5 - Identification and Evaluation of Alternatives and Recommended Master Plan

Chapter 5 will describe the identification, evaluation and selection of the recommended alternative of the strategic vision for the Airport. This analysis brings together multiple elements of the planning process to identify ways to address the previously identified facility requirements and evaluate the development alternatives to obtain a thorough understanding of the strengths and weaknesses of the respective alternatives.

Chapter 6 - Environmental Overview

Chapter 6 will describe the environmental considerations for the recommended alternative following the guidelines defined in the FAA *Environmental Desk Reference for Airport Actions* guidebook. This reflects the consideration of possible environmental and socioeconomic costs associated with the recommended Master Plan. This description supports the subsequent environmental analysis required to implement the recommended alternative.

Chapter 7 - Airport Layout Plan

Chapter 7 will include the Airport Layout Plan drawing sheets depicting the recommended developments and improvements planned for the airport. This chapter will also include the anticipated land uses in the vicinity of the Airport. The drawing sheets will be accompanied by a description narrative of the projects that comprise the recommended alternative. This element of the Master Plan Update will be submitted for specific review by the FAA.

Chapter 8 - Financial Plan

Chapter 8 will provide guidance for a timely and reasonable implementation of the recommended improvements at the Airport. The Capital Improvement Plan will also be supplied highlighting the short-term project implementation timeframe and funding sources. This includes a realistic schedule for the implementation of the development proposed in the recommended plan.