

CHAPTER 1: GOALS AND OBJECTIVES

1.1 INTRODUCTION

The purpose of an airport master plan, as defined in Federal Aviation Administration (FAA) Advisory Circular (AC) 150/5070-6B, is to develop the Airport sponsor’s “strategy for the development of the airport.” Development can be defined as expansion, if necessary, and modernization. The Advisory Circular also states that the goal of any master plan is to “provide the framework needed to guide future airport development that will cost-effectively satisfy aviation demand, while considering potential environmental and socioeconomic impacts.”

While the FAA’s guidance provides a general framework for the master plan process, it is essential, at the outset of the master plan, to develop a vision, project specific goals and measurable objectives that encompass the context of the specific airport and its environs. The vision, goals and objectives for the Tucson International Airport (TIA) Master Plan Update identified at the onset of the project are described in this chapter.

1.2 VISION

The Tucson Airport Authority (TAA), which operates TIA, has the following mission statement that expresses the vision of the Authority:

The mission of Tucson Airport Authority is to promote aviation and foster economic development by strategically planning, developing and operating the most effective and efficient airport system for southern Arizona.

For the Master Plan Update, a separate mission statement or vision was developed with input from TAA staff members, the consultant team, and members of the Project Advisory Committee (PAC). The PAC is comprised of representatives from the greater Tucson area with a vested interest in TIA.

Tucson International Airport Master Plan Vision

The mission of the Master Plan Update is to develop an environmentally-friendly, strategic facility and land use implementation plan for TIA and TAA managed property that: accommodates aviation demand within a 20-year planning horizon; maximizes revenue potential in consideration of benefits to residents and businesses surrounding TIA; aligns with strategic economic development planning in the vicinity of TIA and the greater Tucson area; and contributes to the quality of life for residents, employers, and employees in the region.

1.3 GOALS AND OBJECTIVES

The purpose of the Airport Master Plan Goals and Objectives is to provide *measurable* criteria to help formulate development scenarios. The goals and objectives were formulated based on input from TAA staff members, the consultant team, and members of the Project Advisory Committee (PAC).

The following goals identify planning priorities for six focus areas and provide guidelines that were followed while developing the Master Plan Update:

- **Aeronautical** – Maintain TIA’s role as a major air transportation facility.
- **Safety** – Maintain and enhance Airport safety and security.
- **Financial** – Consider fiscal impacts to TAA and identify revenue generating opportunities and economic development in the vicinity of TIA to benefit the region.
- **Community** – Increase TIA’s role as an asset and centerpiece of the community’s transportation infrastructure and as an economic development driver in southern Arizona.
- **Environment**– Promote environmental stewardship in development plans and in consideration of ecological and social issues.
- **Land Use** – Promote compatible land uses, align with strategic community initiatives to preserve and grow major employment centers, and leverage reasonable revenue enhancement opportunities.

The following objectives provide measurable actions for meeting the goals:

Aeronautical Objectives

- Accommodate the forecast aircraft fleet mix
- Accommodate forecast passengers and aircraft operations
- Accommodate the needs of general aviation, military and cargo activities
- Provide for airport growth beyond the planning horizon, as appropriate
- Maintain or improve efficiency in airport operations
- Plan facilities that meet or exceed airport design and operational standards

Safety Objectives

- Plan facilities that meet or exceed airfield design standards
- Use airfield design and land use planning to enhance safety and efficiency
- Use airfield design, as possible, to reduce the potential for human error
- Consider facility security requirements and accommodate emerging technologies

Financial Objectives

- Realize the revenue potential of airport land development for long-term fiscal benefit
- Maximize eligibility for FAA funding of proposed improvements
- Minimize TAA liabilities and financial risk
- Encourage diverse revenue streams to promote TAA’s financial sustainability
- Promote physical development of TIA that provides operational and maintenance efficiency

Community Objectives

- Enhance airport access for all users
- Promote on-airport land uses that benefit the surrounding community
- Identify opportunities to integrate TIA into the larger intermodal transportation network
- Promote an intermodal business and transportation “campus” within a user-friendly environment
- Seek out opportunities to further mitigate community noise impacts

Environmental Objectives

- Coordinate TIA development with regional environmental preservation and mitigation efforts
- Incorporate “green” solutions in both building and site planning
- Reuse or re-purpose facilities, where feasible, and promote modular or flexible planning

Land Use Objectives

- Ensure appropriate reservation of TIA land for long-term aeronautical growth
- Leverage TIA assets as a catalyst and center for industrial preservation and growth
- Promote the highest and best use of on-airport property
- Integrate and align airport development with regional transportation and infrastructure planning
- Promote urban design improvements which establish clear gateways to TIA