

Introduction- Purpose and Objectives



INTRODUCTION

Kayenta Airport is a general aviation airport located in northeastern Arizona. The airport is located approximately one mile southeast of the Town of Kayenta immediately north of US Highway 160. The airport encompasses approximately 140 acres of land and is owned and operated by Kayenta Township.

PURPOSE

An airport master plan document describes and depicts the overall concept for the long-term development of an airport. It presents the concepts graphically in the airport layout plan (ALP) drawing set and reports the data and logic upon which the concept is based in the airport master plan (AMP) report. The goal of the master plan report is to provide guidelines for future airport development that will satisfy aviation demand in a financially feasible manner, while at the same time balancing the aviation, environmental and socioeconomic issues in the community with respect to the airport.

OBJECTIVES

The primary objectives of the airport master plan are to develop an attainable phased development plan concept that will satisfy the needs of the airport in a safe, efficient, economical and environmentally sound manner. The plan serves as a guide to decision makers, airport users and the general public for implementing airport development actions in line with both airport and community concerns and objectives.

General objectives of the Kayenta Airport Master Plan include, but are not limited to:

- Clearly identify the present and future roles of the airport.
- Evaluate the potential demand for commercial service flights serving Monument Valley.
- Update aircraft activity forecasts for the airport.
- Refine the size and layout of commercial service and general aviation areas.
- Determine the preferred development alternatives for meeting airfield facility requirements and FAA safety and design standards.
- Provide a plan for improvement of the facility to accommodate increased usage and to meet current FAA airport design standards.
- Identify optimum landside uses, which will enhance the economic benefits of the airport and that are compatible with airside development.
- Prepare a schedule of development projects and reasonable cost estimates by which to implement the improvements proposed herein (i.e. Capital Improvement Plan).
- Develop realistic, phased development and maintenance plans for the airport.
- Provide an Airport Layout Plan drawing set in accordance with current FAA standards.
- Prepare an Environmental Overview for proposed development.
- Prepare a proposed, comprehensive Airport Standards Manual for the Airport, which incorporates the necessary information and regulations for users of the Airport.
- Prepare a compatible land-use and height restriction plan for the airport vicinity including recommended zoning protection within the airport influence zone.

Specific objectives of the Sponsor include:

- Rehabilitating/reconstructing airfield pavements to provide a safe airport.
- Relocating the airport entrance road to align with the new hospital entrance.
- Providing a high quality and aesthetic facility that can be marketed for aerial tours and economic development.
- Identifying planning areas for future hangars and aviation related businesses.
- Coordinating land uses surrounding the airport including Eagle Air Med with flight tracks to ensure continued land use compatibility.
- Integrating the Airport Master Plan with the ongoing Township Master Plan.

MASTER PLAN PROCESS

Airport planning takes place at a national, state, regional and local level. These plans are formulated on the basis of overall transportation demands and are coordinated with other transportation planning and comprehensive land use planning. The National Plan of Integrated Airport Systems (NPIAS) is a ten-year plan continually updated and published biannually by the Federal Aviation Administration (FAA). This publication lists developments at public use airports that are considered to be of national interest and thus eligible for financial assistance for airport planning and development under the Airport and Airway Improvement Act of 1982. Statewide Integrated Airport Systems Planning identifies the general location and characteristics of new airports and the general expansion needs of existing airports to meet statewide air transportation goals. This planning is performed by state transportation or aviation planning agencies. Regional Integrated Airport Systems Planning identifies airport needs for a large regional or metropolitan area. Needs are stated in general and incorporated into statewide system plans. Airport Master Plans are prepared by the operators of individual airports and are usually completed with the assistance of consultants.

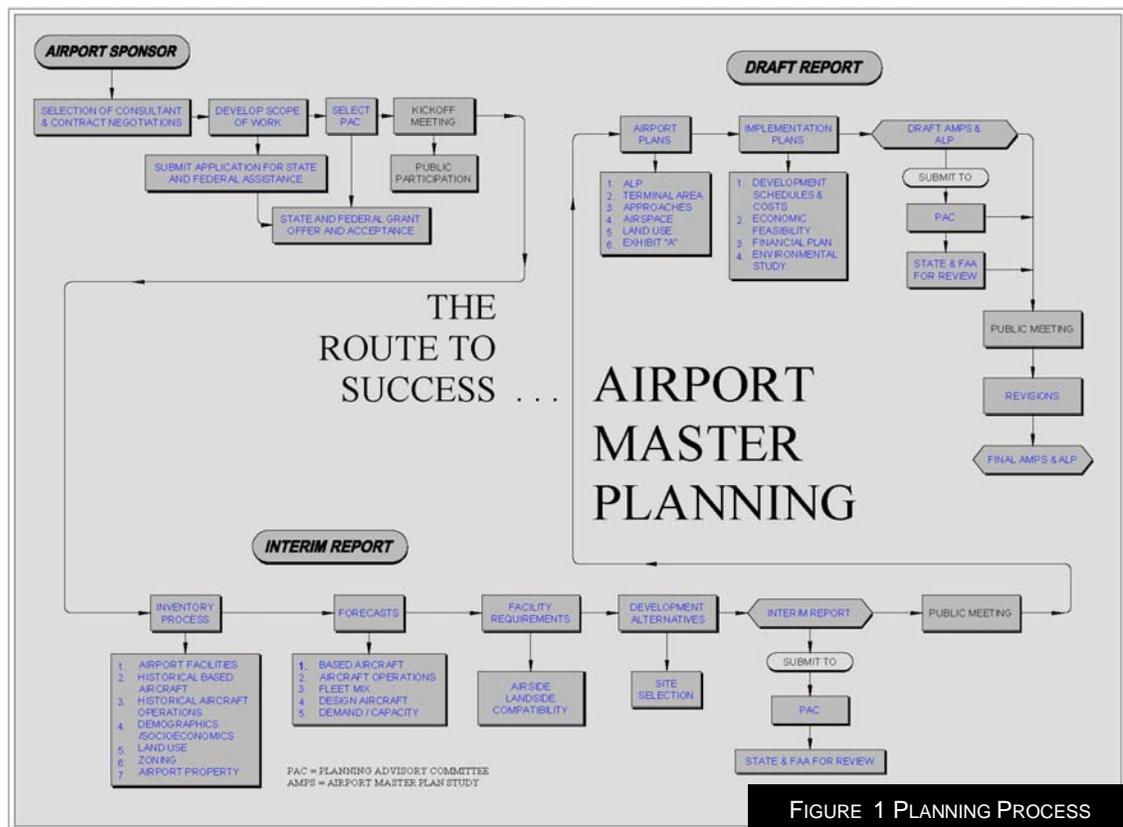


FIGURE 1 PLANNING PROCESS

The airport master planning process involves collecting data, forecasting demand, determining facility requirements, and developing plans and schedules. The flow chart in Figure 1 depicts the steps in the master planning process. This process must take into consideration the needs and concerns of the airport sponsor, airport tenants and users, as well as the general public.

The Kayenta Planning Advisory Committee (PAC) consists of members representing varied interests in the airport. Their involvement and input throughout the master planning process will help to keep interested parties informed and will foster consensus for future development actions. Current members include:

- Margie Drilling FAA Airport Planner Airports Division
- Ray Boucher Arizona Department of Transportation
- Greg Wilson Indian Health Services
- Chris Claw Kayenta Fire Department
- Stephan Young Kayenta Fire Department
- Lte. Kee Thinn Kayenta Police
- Albert Bailey Kayenta Chapter
- Lena Clisto Kayenta Chapter
- Christ Gransen NTUA
- William L. Allsbrook KUSD
- Tom Platero NDOT
- Joe Hunt Eagle Air Med
- Charles H. Young Kayenta Township Commission
- Jimmie Austin Kayenta Township Commission
- Richard Mike Kayenta Township Commission
- Anthony Peterman Kayenta Township Commission
- Helen Bonaha Kayenta Townships Commission
- Eugene Bedonie Kayenta Township Commission