

Chapter 6.0 – Airport Layout Plan

This Chapter presents the Airport Layout Plan (ALP) and associated drawings for Newport State Airport (UUU). The ALP drawing set depicts, graphically, the development of the airport proposed over the twenty-year planning period. Although the planning process is dynamic in nature, the ALP is intended to serve as the framework for future development and growth for UUU.

The Airport Master Plan, along with the ALP, must be supplemented by an annual evaluation of airport needs, upon which scheduling and project development presented in the ALP occurs. Updating the ALP and the Master Plan should occur every five to ten years to identify the progress of airport development, identify trends in aviation, and developing recommendations that will address the needs of the airport.

6.1 Airport Layout Plan Drawing Set

The ALP drawing set contains several sheets depicting the existing facilities, planned development, and other pertinent information concerning the airport. The ALP drawing set contains the following drawings:

- Sheet 1 - Title Sheet
- Sheet 2 - Existing Airport Facilities
- Sheet 3 - Airport Layout Plan
- Sheet 4 - FAR Part 77 Imaginary Surfaces (Runway 4-22 and 16-34 Approach Plan and Profile)
- Sheet 5 - Terminal Area Plan
- Sheet 6 - Airport Zoning Plan

These sheets are discussed in detail in the following Sections. A full set of sheets is presented at the end of this Chapter.

6.2 Title Sheet

The Title Sheet is the introductory sheet of the drawing set. Basic information about the airport is shown on this sheet including an index to the drawing sheets, location map, vicinity map, and relevant text. The Title Sheet is identified as Sheet 1 and is depicted at the end of this Chapter.

6.3 Existing Airport Facilities Plan

The Existing Airport Facilities Plan depicts the existing facilities of the airport at the time of this Master Plan. The purpose of the drawing is to show the existing layout and act as a reference for future development shown in the Airport Layout Plan. Information provided on this drawing includes data tables, airfield facilities, surrounding transportation infrastructures, off airport buildings, and relevant topography. The Existing Airport Facilities Plan is identified as Sheet 2 and is located at the end of this Chapter.

6.4 Airport Layout Plan

The Airport Layout Plan depicts the proposed projects identified in Chapter 4, *Alternatives Analysis*. The projects shown are for the full 20-year planning period. It should be noted that implementation of these

projects will be phased, based on facility priorities, as follows: Phase I: 2006 – 2011, Phase II: 2011 – 2016, and Phase III 2016 – 2026.

Table 6.1 presents the projects identified on the ALP by Airside and Landside project categorization.

**Table 6.1
 Preferred Alternative Projects**

Airside Projects
Environmental Assessment & Drainage Evaluation
Drainage Evaluation and Improvements
Rehabilitation Runway 16-34 & Intersection
Rehabilitation & Expansion of Based Aircraft Apron
Obstruction Easement and/or Removal
Construction of Partial Parallel Taxiway to Runway 16-34
Rehabilitation Runway 4-22
Expansion of Transient Aircraft Apron
T-Hangars
Perimeter Fencing Improvements
Realignment/Rehabilitation of Taxiway A
Landside/Miscellaneous Projects
New Terminal & Conventional Hangar Facility
Terminal Area Improvements
Purchase Updated Aircraft Rescue & Fire Fighting (ARFF) Equipment
Purchase Updated Snow Removal Equipment (SRE)
Airport Layout Plan Update
Pavement Maintenance

Additional information shown on the ALP includes data blocks identifying existing and proposed facilities; VFR and IFR wind roses; existing buildings; revision blocks; and signature blocks for the FAA and RIAC. Topography, local road infrastructure, and surrounding buildings are also shown on this drawing. The ALP is identified as Sheet 3 at the end of this Chapter.

6.5 FAR Part 77 Surfaces Plan (Runway Plans and Profiles)

This drawing shows the full FAR Part 77 Imaginary Surfaces on a USGS Quapmap. This drawing includes a plan view of all 14 CFR Part 77 surfaces. The FAR Part 77 Surfaces Plan is identified as Sheet 4 at the end of this Chapter

In agreement with RIAC, Runway Plans and Profiles were not completed as a part of this effort. Obstruction information was conducted under a separate study and is included by way of reference. This can be found in Appendix E and will not be part of the ALP set.

6.6 Terminal Area Plan

The Terminal Area Plan shows the location and configuration of existing and proposed buildings and paved areas in the terminal area of the airport, including hangars and parking lots. The contents of the Terminal

Area Plan include a large scale plan view of the area; building data table; legend table; and title and revision blocks. Additionally, the Terminal Area Drawing identifies each building's height if available and any existing or planned obstruction markings. The Terminal Area Plan is identified as Sheet 5 at the end of this Chapter.

6.7 Airport Zoning Plan

The Zoning Plan, identified as Sheet 6 at the end of this Section, shows existing and proposed zoning around the airport. This drawing provides RIAC with a plan for zoning, and provides guidance to local authorities for establishing zoning. Traditionally, a land use map is used, however the land use map on file is outdated. Therefore, in agreement with the Airport Advisory Committee, the zoning map depicted was used instead. This drawing is based on the zoning map of the Town of Middletown and includes a title block and revision block.