

# Rogue Valley International - Medford Airport



**AIRPORT MASTER PLAN**

**AIRPORT MASTER PLAN**

**for**

**Rogue Valley International-  
Medford Airport  
Medford, Oregon**

**Final Technical Report**

**Prepared by  
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**In Association With  
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# INTRODUCTION

This Master Plan for Rogue Valley International-Medford Airport is being undertaken by the Jackson County Airport Authority to outline a long range, orderly direction for airport development which will yield a safe, efficient, economical, and environmentally acceptable air transportation facility. The study is being funded with passenger facility charges. Technical work is being led by Coffman Associates, Inc. with assistance from David Evans and Associates (airport layout drawings) and Dr. Lee McPheters (economic benefit analysis).

In addition to the consultant team and members of the Airport Authority and its staff who will be involved in the study, the Airport Authority has identified a number of community planners, state and federal agency personnel, and representatives of the aviation community to review the various aspects of the plan as it is

developed. The committee will review workings papers on the project and provide input and comment throughout the study to help ensure that a realistic, viable plan is developed. To assist the review process, draft working papers are being submitted in a workbook format. As new information is developed, it can be inserted in the workbook behind the appropriate tab.

The Master Plan provides a step-by-step or phased outline for development and gives the Airport Authority advance notice of pending needs to aid in future scheduling and budgeting. This allows for orderly and timely improvements. To accomplish this, the Master Plan is being prepared in a systematic fashion that:

- Examines existing and potential future aviation activity at the airport.
- Examines airfield capacity and compares it to demand forecasts.



Relates the existing and potential aviation activity, as well as safety and technological advancements to existing and future facility requirements.

- ! Formulates and analyzes potential development alternatives.
- ! Proposes an airport layout plan which is compatible with both aviation demands and the local environment.
- ! Schedules priorities and phases proposed development based upon actual demand and estimates development costs and funding sources.

This Master Plan is actually an update of previous Master Plans that were undertaken by the Airport Authority in 1986 and 1993. Many of the recommendations of these Master Plans have been implemented. A project to extend the primary runway to 8,800 feet is presently underway. To be completed in three phases over the next couple of years, the project will also extend a taxiway to the Foreign Trade Zone which is located on the east side of the airport. These projects are expected to create additional demand for air cargo. In addition, the airport has

experienced significant growth in passenger demand over the past five years (increasing by 50 percent), creating added demand on terminal and auto parking.

As a result, this update will concentrate on updating those components of the Master Plan that are affected by airline passenger and cargo growth. These components include the airfield, the passenger terminal, access and parking, and cargo and support facilities. Revisions to the general aviation plan will also be reflected in the airport layout plan and the capital improvement plan.

The forecasts of all sectors of aviation activity at the airport have been updated in Chapter Two. This includes the passenger airlines, air cargo, and general aviation. The forecasts outline the realistic potential for air traffic growth that can then be related to future facility needs on the airport.

The following project schedule depicts subsequent submittals and a proposed meeting schedule. The meetings with the Planning Advisory Committee should take place at intervals of two months. On behalf of the Airport Authority, we would like to thank you for taking the time to participate.