

ONTARIO MUNICIPAL AIRPORT - ONO

CHAPTER 1 INTRODUCTION

The Ontario Municipal Airport Master Plan (Plan) is a document that provides a framework for future development at the Ontario Municipal Airport (ONO) for the next 20 years and beyond. It defines a course of action and details a list of projects that will guide short- and long-term development and improve airport compliance with current Federal Aviation Administration (FAA) Airport Design Standards.

The Plan is created to be both a forward-looking and flexible document. It proposes resolutions and solutions well in advance of the likely need and is flexible enough to change if additional needs arise. Federal and state agencies are then similarly able to program funding and respond to identified concerns.

The Ontario Municipal Airport initiated the planning process in early 2021 and engaged in full coordination with the FAA and the Oregon Department of Aviation (ODA).

The remainder of this chapter describes the Plan's purpose, objectives, and methods; identifies the four-phase planning process; and outlines the public involvement steps for this planning effort.

1.1 PURPOSE AND OBJECTIVES

Assessing airport needs and developing a new plan is often a complex and difficult, but beneficial task. Some basic questions are:

- What kinds of visitors, users, or companies may be interested in the Airport?
- Which airport services or capabilities are the most attractive to new business and existing users and why?
- What will it cost to get additional airport infrastructure in place?

- What will the basic needs for the airport be, now and in the future?

Answering these questions will help the community establish an airport plan and program that contributes to achieving community goals.

1.1.1 PURPOSE

The purpose of this Plan is to identify and prioritize improvements and guide future development at the Ontario Municipal Airport. The planning effort will inform City Council members as they sort through questions and navigate decisions related to airport infrastructure investments.

The continuous increase in aviation demand at the Ontario Municipal Airport makes it important to plan for land use designations and land side development. Given this rise in activity and current economic conditions, the FAA and ODA have determined an airport plan update would benefit the Ontario Municipal Airport. The City Council, FAA, ODA, and airport master plan consultant worked together to consider current issues and develop a custom work plan to address growth and development.

The Plan provides the City Council with a development program that meets aviation needs in the short, intermediate, and long-term planning periods. Benefits derived from the Plan will positively affect the Airport, its users, and the surrounding area.

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1.1.2 OBJECTIVES

This Plan provides the framework needed to guide future development at the Ontario Municipal Airport by meeting the following objectives:

1. Identifies the issues the plan will address.
2. Provides development solutions that maximize opportunity; meet local, state, and federal regulations; and are justified from a technical, economic, and environmental standpoint.
3. Develops a plan for project implementation based on an analysis of physical site assets, economic benefits, job creation and related salaries, fiscal impacts, and contributions to overall FAA objectives.
4. Establishes a flexible approach that accommodates both potential aviation and non-aviation users.

1.2 PLANNING PROCESS

This study of the Ontario Municipal Airport will begin with a pre-planning process to develop and approve a detailed scope of work, budget, and schedule.

The airport master plan consultant will work closely with representatives from the City, FAA, ODA, and other federal and state agencies during the planning process. The representatives of these agencies will be consulted throughout the development of this plan study and invited to attend progress, public, and other related meetings.

The project workflow for this plan will include four phases:

- Phase 1: Existing Conditions and Aviation Forecasts

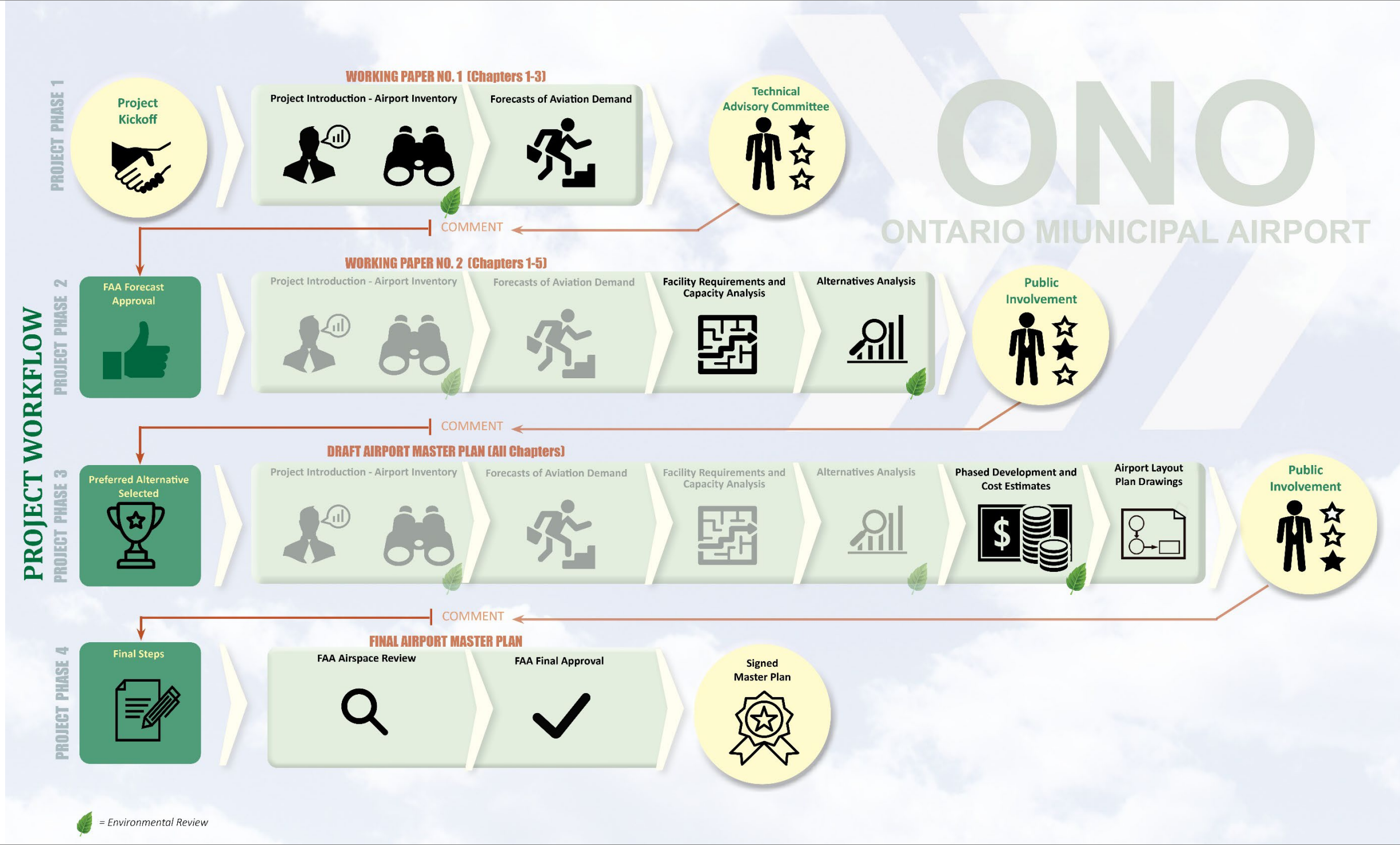
- Phase 2: Facility Requirements and Alternatives Development and Evaluation
- Phase 3: Facilities Implementation Plan and Airport Layout Plan
- Phase 4: FAA Coordination and Plan Adoption

The first three phases will involve the initial draft, review, and revision of the plan document, and each phase will conclude with a project milestone. The final Ontario Municipal Airport Master Plan will establish a clear recommendation for a responsive course of action and a scheduled plan, complete with current cost estimates and facility improvements, that set the stage for a continuing planning process. The activities associated with each project phase are further detailed in this subsection and graphically depicted in **Figure 1.1**

The Ontario Municipal Airport Master Plan and Airport Layout Plan (ALP) will be prepared in accordance with FAA guidelines, policies, and procedures and meet all state and federal regulations.

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FIGURE 1.1
PROJECT FLOW CHART



SOURCE: J-U-B

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1.2.1 PROJECT PHASE 1

This plan study will kick-off with a project initiation meeting as the first public involvement event. Project activities completed during phase one will include:

- A review of previous reports and associated work
- An inventory of data on airport facilities and improvements, surveys, land uses, airspace and navigational aids, in addition to pertinent socioeconomic, environmental, and financial data
- Verifying the airport aviation forecast based on analysis of economic and operation projections

Using information gathered during these activities, the project team will draft Chapters 2 and 3. The phase will conclude with the development of the first working paper.

1.2.2 PROJECT PHASE 2

The project will continue into the second phase after the FAA approves the forecasts outlined in Chapter 3. Project activities completed during this phase will include:

- Determining role, service capabilities, and airside and landside requirements
- An appraisal of grant assurance compliance and airport security
- An analysis of alternatives

Similar to Phase 1, the next two chapters will be drafted and compiled into the second working paper. Findings from the first and second working papers will be presented to City Council.

1.2.3 PROJECT PHASE 3

After City Council selects, or modifies, the preferred alternative(s), the project progresses

to Phase 3. Project activities completed during this phase will include:

- Sequencing of recommended improvements
- Calculation of costs associated with the recommended improvements
- Development of the ALP and associated drawings

Chapters 6 and 7 will be drafted and, after undergoing a process of review and revision, joined with the previous five chapters to create the Draft Airport Master Plan.

1.2.4 PROJECT PHASE 4

After City Council approval of the Draft Airport Master Plan, the FAA will take the plan, ALP, and additional drawings for internal coordination. Once the FAA completes its review, City Council members will concur on the Final Ontario Municipal Airport Master Plan. The final documents will be printed and signed by City Council and the FAA.

The entire process will take an estimated 18 to 20 months to complete. **Figure 1.2** depicts the initial project schedule.

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FIGURE 1.2
INITIAL PROJECT SCHEDULE

ONO	05/2021-10/2021	11/2021	12/2021	01/2022	02/2022	03/2022	04/2022	05/2022	06/2022	07/2022	08/2022	09/2022	10/2022	11/2022	12/2022
Project Creation	★														
Chapter 1 Introduction	📖														
Chapter 2 Inventory	📖														
Chapter 3 Forecasts		📖													
Chapter 4 Facility Requirements				📖											
Chapter 5 Alternatives					📖										
Chapter 6 Phased Development								📖							
Chapter 7 ALP Drawings											📖				
FAA Reviews		➡					➡				➡			➡	
Consultations/Public Involvement	👥			👥		👥						👥			👥
Deliverables	📄					📄			📄				📄		📄

SOURCE: J-U-B

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1.3 PROJECT PARTICIPANTS

The planning process will include successful coordination, communication, and collaboration among key agencies, airport users, tenants, and the wider Ontario community. Input gathered during this process will guide the City Council members as they make final decisions about the future of the Ontario Municipal Airport.

The FAA and ODA will review project progress and evaluate plan elements during each phase of the project. In the final phase, the FAA will approve the master plan forecasts and internally circulate the plan for integration into the national airspace system.

The airport master plan consultant will prepare project documentation, guide project progress, solicit guidance, and work to build consensus from plan participants at key project points.

The airport master plan consultant will work closely with the Ontario Municipal Airport to develop a public involvement program to guide outreach efforts throughout plan development. The program and its participants are further detailed in the following section.

1.4 PUBLIC INVOLVEMENT

Public involvement will provide the project team an opportunity to understand the needs and perspectives of airport users and those affected by airport activities and facilities.

The project team will develop the Ontario Municipal Airport Master Plan in collaboration with federal and state agencies, airport users, tenants, and the Ontario area community. This coordinated effort will help the team to better understand and plan for the needs of Ontario Municipal Airport stakeholders.

The Ontario Municipal Airport and airport master plan consultant will work together to identify a list of stakeholders with potential interest in participating in the plan update. These stakeholders will be involved through the following public involvement efforts:

- **TAC Involvement** | Members identified by the airport master plan consultant and the Ontario Municipal Airport to provide input throughout the planning process
- **Project Website** (www.onomasterplan.jub.com) | Featuring reporting, schedules, visuals, additional resources
- **Community Survey** | Distributed by the City at their discretion via, mail, email, and in-person
- **Press Releases** | Project information distributed by the City in newsletters, social media, email, or other means
- **Open House** | Held once during the planning process

1.4.1 INITIAL FEEDBACK AND THEMES

The initial feedback from the TAC and interested airport users has been intermittent; however, the City staff and officials have been engaged in offering a vision for the future of the Ontario Municipal Airport and in leading the communication effort with stakeholders and airport users.

Important themes include:

- The Ontario Municipal Airport generally satisfies the needs of many users and tenants. It seems to fit its role in the community and provide good service to its patrons.
- The Airport has generally been well maintained over the years and projects have kept the facilities up to date.

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- Airport airside features, such as the runway, parallel taxiway, approaches, etc., are adequate and provide a good facility that supports firefighting operations, itinerant general aviation, and flight schools in the area.
- The Airport should continue to focus on maintaining pavements and providing additional space for future development.
- There is high demand for new hangar construction and a need for additional development space as the current hangar layout becomes full.
- The City has already created preliminary plans to expand utility services such as water and sewer, to existing hangar areas and to bring new services to areas of future growth and development.
- There is a unique opportunity for the City to support new commercial businesses on and around the Airport. The property west of the primary runway is a vacated golf course, and the City would like to consider the best and highest land use options for the area.
- The Ontario Municipal Airport supports BLM SEAT operations, and the BLM is on track to improve and build new facilities to fight fires in the region.
- Frazier Aviation, the FBO, is changing over to Silverhawk Aviation Academy at the Airport. The FBO should continue to provide fuel and other services to tenants and visitors at the Ontario Municipal Airport.
- The City has considered that the Ontario Municipal Airport could be a strategic location for a future eVTOL operation center. The proximity of Ontario to the rest of the Treasure Valley can make it a likely hub for

Advanced Air Mobility (air commutes) to locations in Boise and the Boise Air Terminal.

- At least one community member has suggested that a rental car facility would be a beneficial addition to the airport in the future.

Additional analysis of themes, feedback positives, feedback opportunities, and overview, will continue as the project progresses. A summary of public involvement from other outreach will accompany this study at the conclusion.

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1.5 CONSULTANT AGREEMENT AND STUDY DOCUMENTATION

J-U-B ENGINEERS, Inc. entered into an agreement with the Ontario Municipal Airport in February 2021 to conduct this master planning effort and to prepare this document.

1.5.1 REFERENCE DOCUMENTS

This study is prepared in accordance with these FAA advisory documents:

Applicable FAA Guidance

150/5060-5	Airport Capacity and Delay
150/5190-4	A Model Zoning Ordinance to Limit Height of Objects Around Airports
150/5070-6B	Airport Master Plans
150/5190-6	Exclusive Rights at Federally Obligated Airports
150/5190-7	Minimum Standards for Commercial Aeronautical Activities
150/5300-13A	Airport Design
150/5340-1M	Standards for Airport Markings
150/5340-18G	Standards for Airport Sign Systems
150/5300-16B	General Guidance and Specifications for Aeronautical Surveys: Establishment of Geodetic Control and Submission to the National Geodetic Survey
150/5300-17C	Standards for Using Remote Sensing Technologies in Airport Surveys
150/5300-18B	General Guidance and Specifications for Submission

	of Aeronautical Surveys to NGS: Field Data Collection and Geographic Information System (GIS) Standards
150/5360-13A	Airport Terminal Planning
150/5020-1	Noise Control and Compatibility Planning for Airports
150/5320-5D	Airport Drainage Design
150/5325-4B	Runway Length Requirements for Airport Design
150/5050-4A	Community Involvement in Airport Planning
150/5230-4B	Aircraft Fuel Storage, Handling, Training, and Dispensing on Airports
5100.38D	Airport Improvement Program Handbook
5050.4B	NEPA Implementing Instructions for Airport Actions
1050.1F	Environmental Impacts: Policies and Procedures
	Environmental Desk Reference for Airport Actions

1.5.2 AIRPORT MASTER PLAN CONTENT

Chapter 1	Introduction
Chapter 2	Inventory
Chapter 3	Aviation and Landside Forecasts
Chapter 4	Facility Requirements
Chapter 5	Alternatives Development and Evaluation
Chapter 6	Facilities Implementation Plan
Chapter 7	Airport Layout Plan