

Aurora State Airport Airport Master Plan



Public Open House
Online Meeting
March 1st, 2022
5:00pm-7:00pm

Virtual Meeting Tips

You will be muted during the presentation.
Raise your hand virtually (reaction button) or
physically.

Press *9 to raise your hand over the phone.
You can use the Q/A area to send questions or
comments and see what other attendees are
saying.



Meeting Process & Agenda

Time	Topic
5:00-5:10	Introductions
5:10-5:30	Past, Present, and Future Existing Conditions Aviation Activity Forecasts
5:30-7:00	Public Comments https://publicproject.net/AuroraAirport

Introductions



Oregon Department of Aviation (ODAV)

Betty Stansbury

Director

Tony Beach

Deputy Director, State Airports Manager

John Wilson

Operations Specialist

Heather Peck

Planning & Project Manager

Sarah Lucas

Aviation Planner / AMP Project Contact

Seth Thompson

Aviation Planner, State Aviation and
Land Use Coordination

Project Team

Agency Oversight & Funding



Airport Owner (Sponsor)



Planning & Engineering



Public Involvement



Cultural Resources



Archaeological
Investigations
Northwest, Inc.

Environmental Review



AGIS Survey





PAC Members

- Airport Users/Businesses/Organizations
- Airport Neighbors
- Local Municipalities
- Tribal Organizations
- State Agencies
- Local and Regional Non-Profit Groups
- Environmental / Land Use Groups

Organization	Name	Alternate
1000 Friends of Oregon	Roger Kaye	
AABC/TLM Holdings	Ted Millar	
Atlantic Aviation (formerly Lynx Aviation)	Bob Hala	
Aurora Air Traffic Control	Raul Suarez	
Aurora Airport Improvement Association	Bruce Bennett	
Aurora Butteville Barlow Community Planning Organization	Ken Ivey	
Aurora CTE, Inc	Bill Graupp	
Charbonneau Country Club	Steven P. Switzer	
City of Aurora	Brian Asher	
City of Canby	Scott Archer	
City of Wilsonville	Charlotte Lehan	Chris Neamtzu
Clackamas County	Commissioner Tootie Smith	
Columbia Helicopters	Rob Roedts	Bob Buchanan
Confederated Tribes of Siletz Indians	Robert Kentta	
Confederated Tribes of the Grand Ronde Community of Oregon	Cheryl Pouley	
Confederated Tribes of Warm Springs Reservation of Oregon	Christian Nauer	
Deer Creek Estates HOA	Matt Williams	
Friends of French Prairie	Ben Williams	Wayne Richards
Helicopter Transport Service	Robert Fournier	
Life Flight Network	Ben Clayton	
Marion County	Commissioner Danielle Bethell	
Marion County Planning Department	Austin Barnes	Brandon Reich
Oregon Dept of Aviation	Tony Beach	
Oregon Dept of Aviation Board	Cathryn Stephens	
Oregon Dept of Land Conservation and Development	Matt Crall	Nicole Mardell
Oregon Dept of Transportation	Naomi Zwerdling	
Oregon Farm Bureau	Mary Anne Cooper	
Oregon Office of Emergency Management	Bill Martin	Sarah Puls
Positive Aurora Airport Management	Tony Helbling	
Regional Solutions	Jody Christensen	
Vans Aircraft	Rian Johnson	Greg Hughes
Willamette Aviation	David Waggoner	
Wilsonville Chamber of Commerce	Patrick Donaldson	Kevin O'Malley

Poll Questions



Past, Present, and Future

Aurora State Airport (UAO) History

- 1943** Airport was established & managed by United States Bureau of Public Roads
- 1953** Transferred airport to State of Oregon's Highway Division
- 1973** State of Oregon's Highway Division transferred ownership to Aeronautics Division
- 1976** First Airport Master Plan was completed
- 1978** Parallel Taxiway, Rotating Beacon, Runway Reconstruction, Drainage, Lighting, and Apron Projects
- 1979** Property Acquisition (22 Acres)
- 1986** Property Acquisition (10 Acres, including tiedown apron)
- 1988** Airport Master Plan
- 1995** Runway Extension Project (from 4,104' to 5,004')
- 2004** Runway Reconstruction Project
- 2009** Parallel Taxiway Shift Project
- 2012** Airport Master Plan
- 2015** Air Traffic Control Tower Constructed
- 2019** Runway Justification Study



FAA Airport Master Plan Overview

FAA Airport Master Plans have a 20-year planning horizon that is divided into three periods:

- Short-term (0-5 years)
- Intermediate-term (6-10 years)
- Long-term (11-20 years)



FAA has review and approval authority of the following work products:

- Aviation Forecasts
- Runway Object Free Area Modification of Standards Analysis
- Runway Protection Zone Analysis
- Airport Layout Plan

Airport Master Plan Introduction

	Regional Setting	Airside Elements	Landside Elements	Airport Administration
Develop Understanding	<ul style="list-style-type: none"> Location & Vicinity Socio-Economic Data Airport Role Airport History 	<ul style="list-style-type: none"> Area Airspace Approach Procedures FAA ATCT Runway/Helipad 	<ul style="list-style-type: none"> General Aviation (GA) Terminal Areas Through-the-fence (TTF) Agreements Hangars 	<ul style="list-style-type: none"> Airport Ownership & Management Airport Financials Airport Rates and Charges
Explore Solutions	<ul style="list-style-type: none"> Area Airports Context Airport Operations Relevant Studies Environmental Data 	<ul style="list-style-type: none"> Taxiways/Taxilanes Aprons/Tiedowns Pavement Condition FAA Design Standards 	<ul style="list-style-type: none"> Airport Surface Roads Vehicle Parking Airport Fencing Utilities 	<ul style="list-style-type: none"> Local Codes and Regulations Oregon Aviation Laws FAA Compliance Overview
Implementation	<ul style="list-style-type: none"> Local Surface Transportation Land Use/Zoning 			

Existing Conditions

Aurora Airport Property – ODAV Owned



The enhanced area depicts land owned by ODAV and is considered “on-airport”.

Land Use Summary

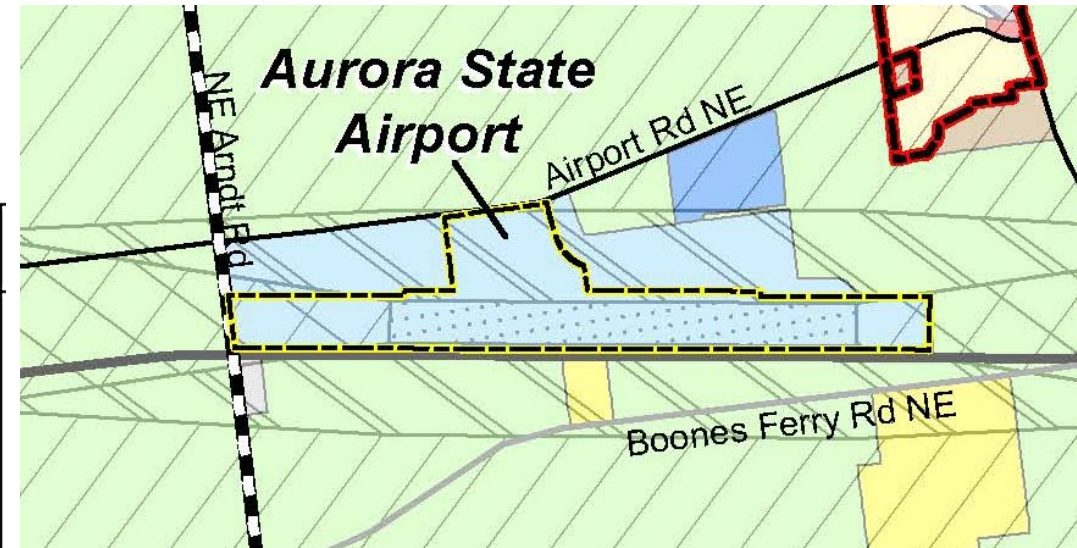
The Airport and its adjacent off-airport (known as through-the-fence) development are in unincorporated Marion County. All land use actions require Marion County approval.

The Airport and through-the-fence areas are zoned **Public (blue)**

Other areas nearby are:

- Exclusive Farm Use (green)
- Agriculture/Residential (yellow)
- Residential (beige/tan)

Marion County Zoning ¹	
AR	ID-LU
C	P
EFU	P-LU
I	RS
ID	UT-20



Current - Based Aircraft & Operations

	Based Aircraft	Operations
Total	281	76,028

Source: Based Aircraft Data - National Based Aircraft Inventory – January 2022
Operations Data - Historic ATCT Data (Adjusted) – Calendar Year 2021

Aviation Activity Forecasts

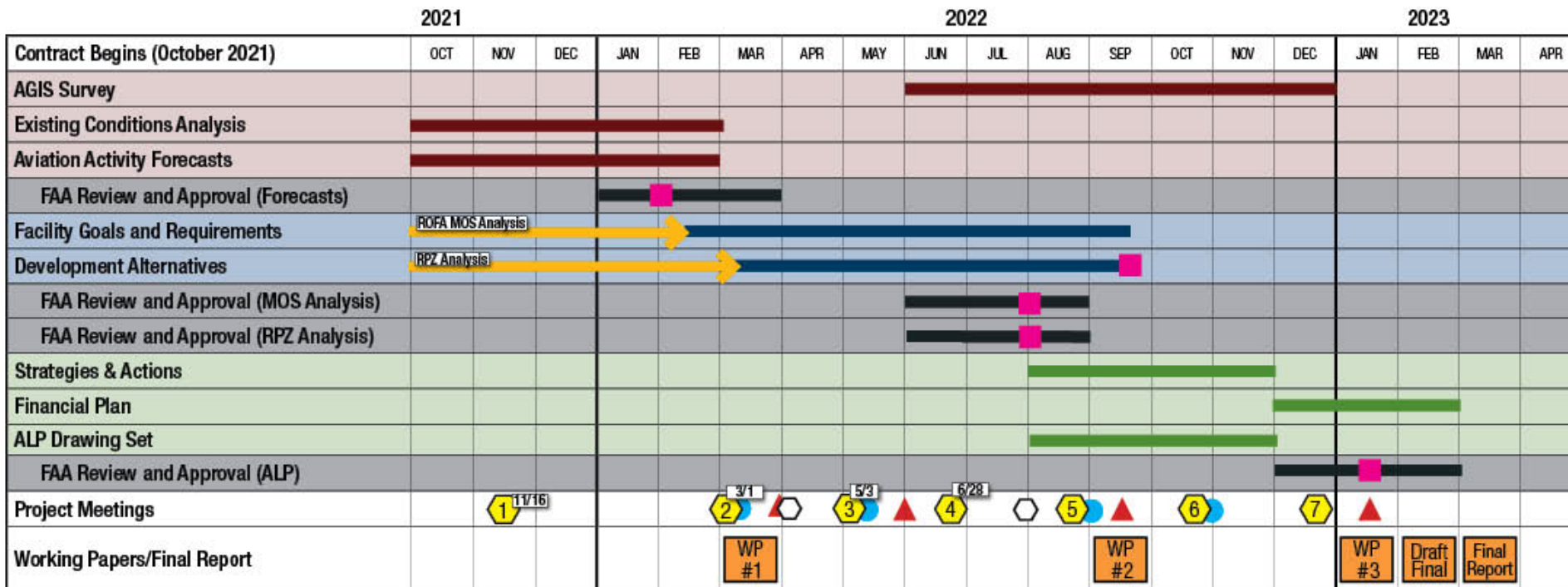
Forecast - Based Aircraft & Operations

	CAGR	2021	2026	2031	2036	2041
Based Aircraft Forecast - Recommended						
Federal Contract Tower (Oregon) TAF Model	1.1%	281	300	317	333	350
Operations Forecast - Recommended						
TFMSC Historic Trend (20-Year)	2.3%	76,028	85,201	95,480	107,000	119,909

Source: Century West Engineering
 CAGR: Compound Annual Growth Rate

Next Steps

- Review PAC comments received
- FAA review of Working Paper 1
- After reviews are complete, a preferred forecast will be confirmed.
- Prepare the Facility Goals and Requirements
- Next PAC meeting & public open house May 3rd (tentatively)



- Develop Understanding
- PAC Meetings
- Optional PAC Meetings
- Explore Solutions
- Public Open House
- Implementation
- Regional Stakeholder Meeting
- FAA Review and Approval
- FAA Coordination Meetings

AMP schedule updated February 2022

Please visit the project website for ongoing schedule updates

Poll Questions



Public Comments

Public comments

1. If you would like to speak, you have 2 minutes:

- Please “raise your hand”
- Press *9 for callers



2. Type comments/questions in the Q/A area in Zoom

3. Website comment form

4. Online survey (through March 25)

All comments will be responded to in the meeting summary.

publicproject.net/AuroraAirport



Thank You

Heather Peck – ODAV

Sarah Lucas – ODAV

Brandy Steffen – JLA Public Involvement

David Miller – Century West Engineering



Project Website: <https://publicproject.net/AuroraAirport>