

AIRPORT 101

4/1/15

RUDY RUDOLPH, A.A.E.
AIRPORT DIRECTOR



PORT of OLYMPIA

Olympia Regional Airport

Agenda

- **History**
- **Airport Master Plan / Layout Plan**
- **Airport Operational Overview**
- **Business Model / Economic Impacts**



Olympia Regional Airport

History

- **Olympia is Among the Oldest Public Airports in the U. S.**
- **Bush Field Site Circa 1910**
- **City of Olympia Purchased in 1928**
- **Paving Runways and Taxiways & Building Support Facilities**



Olympia Regional Airport

History

- **1942 Military Operated as a Satellite to McChord Field**
- **Federal Government Purchased 1,000 Adjoining Acres**
- **Returned to City of Olympia After WWII With Deed Restrictions**
- **1963 Port Purchased the Airport and Adjoining Property**

Olympia Regional Airport

Airport Master Plan (2013)



- **Federal Aviation Administration (FAA) Mandated**
- **FAA Grant Funded (90%)**
- **FAA Specific Components & Approval**
- **Plannig Tool: Not a Decision Document**

Olympia Regional Airport

Airport Master Plan

- **Sponsor's Strategy for Airport Development**
- **Forecast Growth and Assess Future Demand**
- **20 Year Planning Period**
- **20 Year Capital Plan**



Olympia Regional Airport

Airport Master Plan

- **General Aviation**
- **Corporate Aviation**
- **Aviation Related Industrial**
- **Commercial Passenger Service**



Olympia Regional Airport

Master Plan Environmental Review

- **Air Quality**
- **Farmland**
- **Floodplains**
- **Historic, Architectural, Archaeological & Cultural**

Olympia Regional Airport

Master Plan Environmental Review

- **Threatened & Endangered Species**
- **Water Quality**
- **Wetlands**
- **Critical Areas**

Olympia Regional Airport Noise Analysis

Mead
& Hunt



FIGURE D14
Future Noise Contours (2030)
with Generalized Existing Zoning
Source: The City of Thurston, Thurston Planning and Facilities
Department, March 2014, and Thurston County GeoData Center, 2010

Olympia Regional Airport

Master Plan 20 Year Conclusions

- **General Aviation Airport Role Unchanged**
- **No Change to Runway Configurations**
- **28% Increase in Airport Operations**
- **27% Increase in Based Aircraft**



Olympia Regional Airport

Master Plan 20 Year Conclusions

- **Adequate Property to Support Future Demand**
- **Adequate Potential Revenue Producing Property**
- **Adequate Aviation Support Facilities**

Olympia Regional Airport

Airport Layout Plan

- **Graphic Depiction of Existing and Future Facilities**
- **Based on Forecast Future Demand**
- **Visually Illustrated Conceptual Development Plan**
- **Unconstrained**



Olympia Regional Airport

Operational Overview (Fun Facts)

- Airport – 835 Acres / NMIC - 440 Acres
- 154 Acres of Asphalt
- 22.8 Miles of Striping
- 6.75 Miles Fencing
- 4 FTE Staff



Olympia Regional Airport

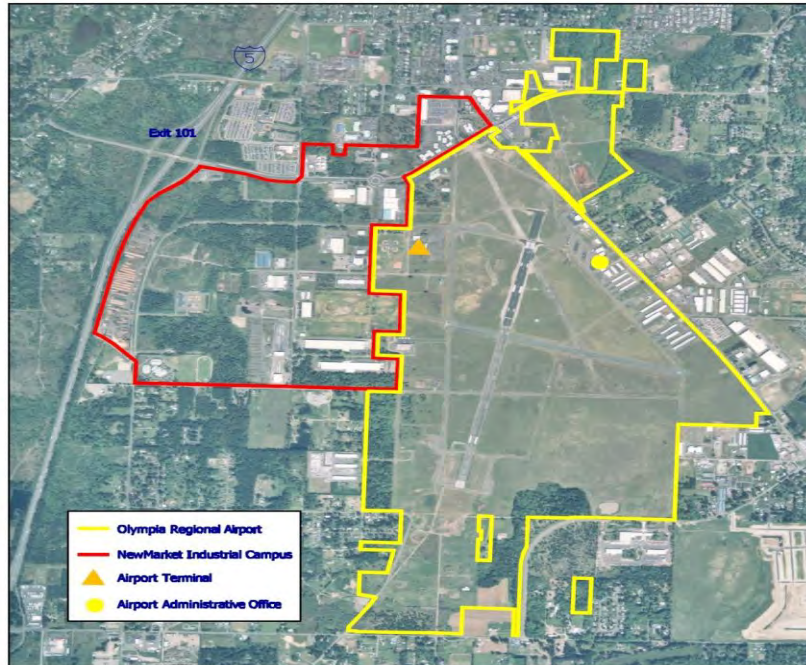
Operational Overview (More Fun Facts)

- **65 Port Owned Hangars / 43 Privately Owned Hangars**
- **12 Covered Plane Ports / 27 Open Aircraft Tie-down Spots**
- **122 Based Aircraft**
- **20 Based Helicopters**

Olympia Regional Airport *Business Model*

NewMarket Industrial Campus

Olympia Regional Airport



Olympia Regional Airport

Business Model Revenue

- **26 Airport Land Leases / 9 Airport Space Leases / 4 Lease Options**
- **26 NMIC Land Leases / 3 NMIC Space Leases / Miscellaneous**
- **Hangar Rents**
- **Fuel Flowage Fees**
- **Landing Fees**



Olympia Regional Airport Economic Impacts

**Jobs
(Employment)**



5,351

**Labor Earnings
(Payroll)**



\$247 Million

**Economic Activity
(Sales Output)**



\$810 Million

Olympia Regional Airport

Future Development Challenges

- **Mazama Pocket Gopher**



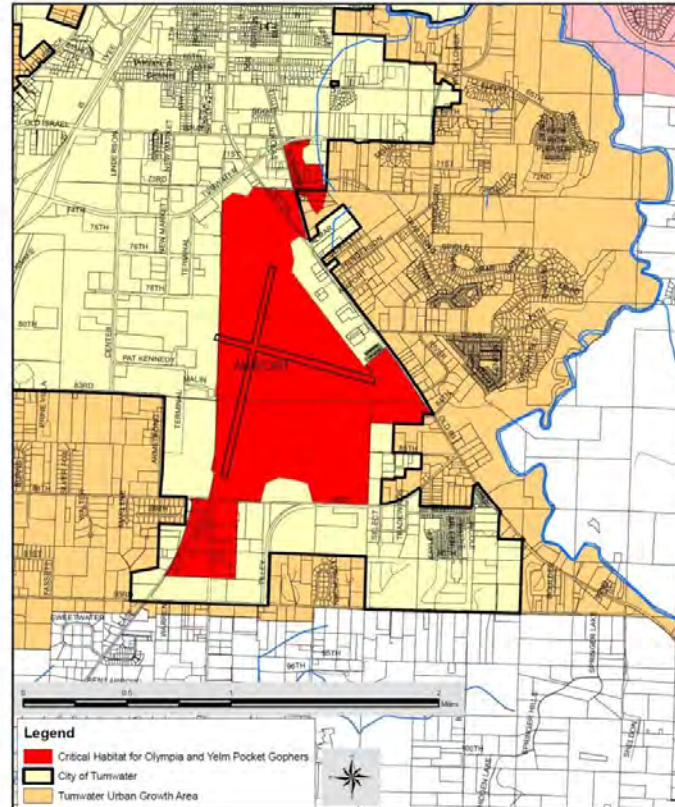
Streaked Horned Lark



2005 GPS Gopher Mound Survey



676 Acres Critical Habitat





Olympia Regional Airport

Questions

