



OREGON DEPARTMENT OF AVIATION

Work Session: October 4, 2023

 (503)378-4880

 3040 25TH STREET, SALEM, OR 97302

 WWW.OREGON.GOV/AVIATION

   ORAVIATION

Director's Update

October 4, 2023

■ Advanced Technologies Update

Electrification Strategy

- US DOT Smart Grant
 - Working with:
 - Port of Portland
 - Port of Olympia
 - CAMI
 - Others

Director's Update

What is proposed?

Electrification

- Flight Schools
- Allowing for multimodal charging
- Creating infrastructure for advanced aviation

Benefits

- Reduced green house emissions
- Reduction in lead
- Change in noise characteristics

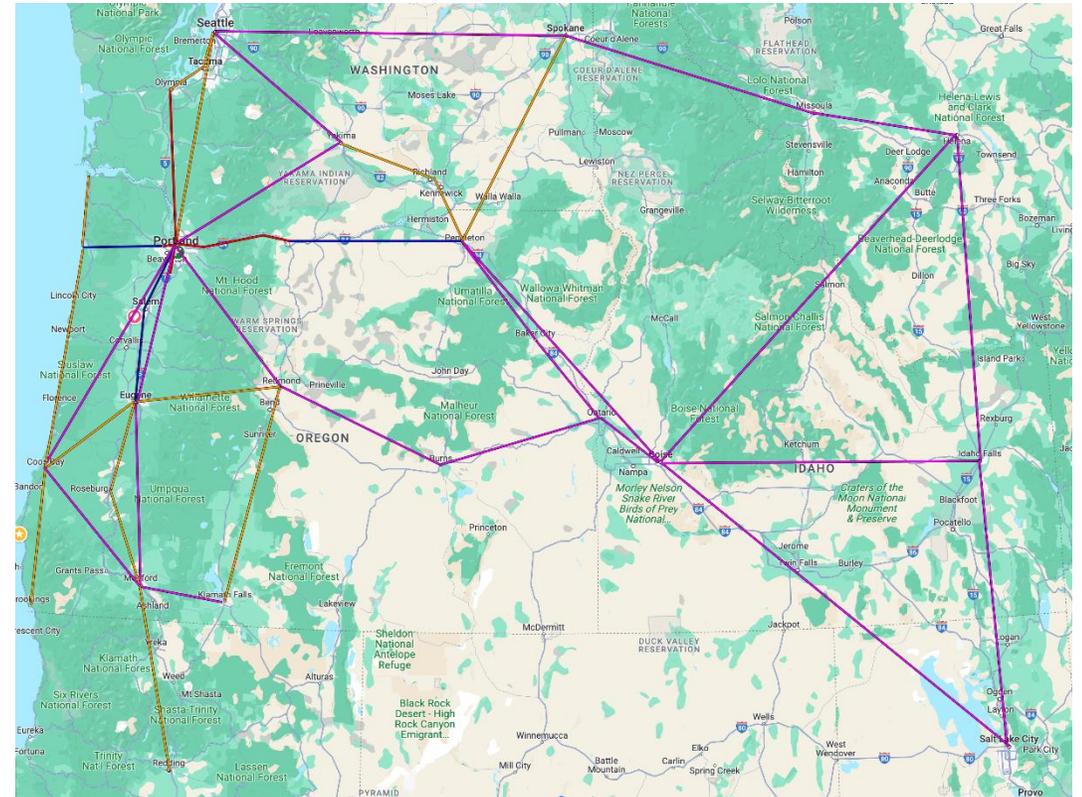


Director's Update

What is the long play?

Regional Connections

- Leveraging existing infrastructure for advanced aviation.
 - Benefits GA
 - Benefits new entrants
 - Benefits surrounding communities
 - Workforce
 - Economic development
 - Connecting communities



Director's Update

How about Oakridge?

- Looking at an Economic Development Administration, US Department of Commerce Disaster Grant
 - Runway rehab- \$3 million
 - Funding of up to \$30 million available
 - Opportunities
 - construction or upgrading of public infrastructure, including broadband infrastructure;
 - workforce development, including the design and implementation of sectoral partnerships
 - ...EDA encourages the submission of applications based on long-term, regionally oriented, coordinated and collaborative economic development or redevelopment strategies that foster economic growth and resilience.
 - Coordination with USDOT OST, NASA, USFS, BLM

Director's Update

UAS Task Force Reboot

- UAS Task Force relaunching as NW Advanced Aviation Task Force
 - Why?
 - Need for group consisting of public and private sector entities.
 - Creation of clearinghouse for information.
 - Creating opportunities for collaboration.
 - Workforce
 - Economic development
 - Providing expertise on legislation

Director's Update

Workforce Development

- Workforce Development Opportunities
 - Working with AOPA Foundation and Aerium to bring curriculums to schools.
 - Hosting an Aviation Education Symposium in 2024 or 2025.
 - Creating inventory of programs, aligning them, and sharing best practices.



AOPA FOUNDATION HIGH SCHOOL STEM CURRICULUM

Questions? Contact us at hs@aopa.org.

ABOUT

By 2041, 602,000 new pilots and 610,000 technicians will be needed worldwide, according to Boeing's *Pilot and Technician Outlook*. Ironically, the number of airline transport pilot certificates issued by the Federal Aviation Administration in 2021 is 21% less than in 2012. This mismatch of supply and demand presents a tremendous opportunity for students to pursue aviation careers that they may not have previously considered.

The AOPA Foundation, the philanthropic arm of the world's largest aviation community, AOPA, has created the first of its kind, offering students comprehensive four-year aviation study options aligned with Common Core State Standards, Next Generation Science Standards, and FAA Airman Certification Standards (ACS).



Director's Update

Review Kick-Off

- Working with stakeholders to look at Oregon Aviation Laws including drone specific laws.
 - Making recommendations to Legislature to conform laws with federal laws.
 - Making recommendation to Legislature on KPMs.
 - Looking at Administrative Rules.
 - Developing plans for additional revenue from new entrants to aviation.

QUESTIONS?