



FLIGHT LINES

Oregon Department of Aviation

Summer 2006

FROM THE DIRECTOR Robert W. Hidley, A.A.E.



Inside this issue:

ODA has been working with Oregon Pilot's Association (OPA) to develop a system of statewide volunteers who will provide oversight to our airports by reporting security, safety and maintenance discrepancies. This will enable us to better maintain our airports. We're also working with TSA to improve airport security and we are jointly developing a checklist for our volunteers use. TSA agrees that this volunteer program will eliminate the need for additional regulations; something I feel none of us want.

to provide a member for our selection panel that will meet this month to determine which airports receive Financial Aid to Municipalities (FAM) grants out of 31 applications.

The application for ADS-B was ranked number 1 by the State Aviation Board for a ConnectOregon grant and the final determination will be made on July 19th. In anticipation of a successful outcome the FAA will be surveying potential ground station locations during the second week in June and installation should begin late this summer.

I want to again thank OPA for their help in completing surveys for our current planning projects. This will result in a better product when the Master Plan, State System Plan and Economic Impact studies are complete. We have asked OPA

During May we transferred ownership of the Lakeside State airport to the City of Lakeside and they are committed to maintaining and improving the airport. As part of the transfer agreement the airport would

revert to ODA if the city decided to close the airport so this airport will remain open for many years to come! We have completed the waterline project at the Independence State airport and hauled 800 cubic yards of debris from the ditch that parallels the Pacific City State airport runway. We are negotiating with the Port of Portland to manage the Mulino airport and are now selling fuel at the Joseph State airport; both avgas and Jet A.

As you read through this issue you will find more information regarding this year's construction, pavement maintenance projects and other information. I hope you enjoy FlightLines. Your comments are always welcome.

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ATTENTION OREGON PILOTS & AIRCRAFT OWNERS

IT'S NOT JUST THE LAW.....IT'S A GOOD DEAL!

Pilot registration fees fund Oregon's Air Search and Rescue program. They pay the expenses for air search and rescue volunteers searching for lost airplanes and people.

Aircraft registration fees help provide airport improvements and maintenance, aviation system planning and other activities.

Registration forms are available on our website www.aviation.state.or.us or contact Doris Travis at (800) 874-0102 for assistance

Special points of interest:

- This years construction
 - Pavement maintenance projects
 - Spotlight Articles
 - Upcoming Events
 - Please see pg 8 for survey
- Feel free to comment on this issue by e-mailing
Jody.Brewer@state.or.us

Oregon Airport Updates State Owned Airports Update

Aurora, Bandon, and Cottage Grove

The State Airports Division is quite busy this year with several large projects in the planning phase and several ready for construction.

Preparations are underway for the 2007 east taxiway relocation at **Aurora State Airport**. This 4,100' taxiway is being moved 60 feet to comply with clearance requirements for Runway 17/35. Throughout this year, the U.S. Department of Agriculture is providing assistance in managing and removing voles responsible for undermining several pavement surfaces. Two taxilanes received extensive asphalt patching in May to correct damage caused by these pests. A permanent solution for improving drainage from an apron was also completed in May.

Pilots operating at **Bandon State Airport** will notice several improvements this fall. In addition to a taxiway slurry seal (PMP), a new rotating beacon and tower will be installed. Other electrical enhancements are planned to improve reliability of the airport lighting system.

At **Cottage Grove State Airport**, the Row River is encroaching into the Runway Safety Area (RSA). Design and Environmental Assessment (EA) are currently underway in anticipation of the 2007 river bank stabilization project. This project will prevent shortening the 3188 foot runway in order to preserve the size of the RSAs.



Oregon International Air show, July 15 & 16
Hillsboro, Oregon

Lebanon and Independence

Significant activity at **Lebanon State Airport** is occurring this year. The Airport Layout Plan is now complete. Asphalt taxiway patching occurred in May. By early fall, Lebanon will receive a new rotating beacon, tower and electrical vault. The vault replacement is in anticipation of airport lighting improvements planned for next year. Relocation of Runway 34 threshold should occur later this year and will ensure FAA RSA compliance. Design and EA is continuing for next year's repositioning of two drainage ditches (parallel to and on both sides of runway 16/34). Future taxiway and runway pavement improvements are in the works at Lebanon, so be sure to stay tuned!

Activity at **Independence State Airport** is robust this year. Runway pavement markings will receive restriping later this summer. The big news is the recent airport annexation into the City of Independence and the completion of the waterline construction project. (See related article)

OTHER PROJECTS

Recently, Nehalem Bay State Airport pavements received a second coat of restriping. This completes the PMP project started in 2005 but delayed due to inclement weather.

Joseph, Jordan Valley and others

Avgas and jet fuel is again available with the use of a cardlock system, at **Joseph State Airport**. This fuel system is now owned and operated by ODA. All proceeds will directly benefit the maintenance of state sponsored airports.

Several milestones in the development of the proposed **Jordan Valley Airport** have been reached. Others are expected to occur within this year. An EA, wetland report, application for land use action, preparation for land appraisal/purchase and updating of the Airport Layout Plan will ensure this new airport eventually becomes part of Oregon's system of public use airports. Jordan Valley is to be a National Plan of Integrated Airports System (NPIAS) airport and thus eligible for FAA funding.

ODA maintenance staff is in the process of upgrading/replacing runway and taxiway lights at several state airports

(McDermitt State Airport, Prospect State Airport)



Joseph State Airport
Fuel Tank



THE PC PROJECT IS COMPLETE
Article by Larry Weber

“The PC Project is complete”, These were the first five words in an email I received from Don Hankwitz, State Airports Maintenance Coordinator to notify me a major cleanup project at **Pacific City (PC) State Airport** was finally finished! You could tell he was pleased it was “complete”. In the beginning, this project did not seem that large. It was just a task of removing debris from a large drainage ditch and cutting willow trees away from the approach end of Runway 14. As planning and site visits progressed, it became apparent we had to overcome major hurdles: environmental concerns (wetland), how to pull out/dispose of the large volume of accumulated debris in a 2,000 foot long ditch, and how to eliminate mature willow trees/brush that had spread out of control.

The cleanup was scheduled for a period of 4 ten hour days. For the first 3 days, our maintenance crew worked along side an inmate work crew provided by the Tillamook County Sheriff's Department. These five inmates worked diligently pulling debris from the ditch and cutting willow. During the last 3 days, a hydraulic shovel, provided by Devil's Lake Rock from Lincoln City, removed large rubble from the ditch and placed it in dump trucks. All debris was removed from the airport and the organic matter was chipped and recycled as fill. It was estimated 800 cubic yards of debris (driftwood, telephone poles, willow trees, tires, car parts, etc.) were removed from the airport. This translates into nearly 30 dump truck loads!

In the end, our neighbors adjacent to the airport seemed very pleased. One neighbor commented this is the first project done of this type in 40 years. Another adjacent landowner passed on his grateful “thank you” to Senator Betsy Johnson. She took time from her busy schedule to visit and personally thank the ODA staff. Thank you Senator Johnson!

Next time you see our maintenance crew, please thank them for the hard work they are doing at our 27 airports and extend a “job well done” for this large project at PC.



PACIFIC CITY DITCH
CLEAN-UP MAY 06

*“Several Airport Projects in the planning phase and several ready for construction”....
Larry Weber, State Airports Manager*

Independence State Airport Waterline Project

In May, the City of Independence, Polk County, and ODA completed a cooperative effort to increase **Independence State Airport's** fire protection and suppression capability. This effort began in January 2005 with the recognition that fire safety improvements needed to be made to the inefficient, inadequate waterline system. After a lengthy period of consultation, the Department, City and County Fire Marshall agreed to an engineering design provided by

Century West Engineering Corporation. This design included adding:

- * 1500 linear feet of 10” diameter water line
- * Six new hydrants combined with two existing hydrants (one relocated)
- * Four new fire access routes

In April, Kerr Contractor's Inc. was awarded the construction bid for \$119,954. They completed all work by the third week in May, just in time for the 2006 Independence State Airport

Pilot Memorial Event held on Memorial Day.

In order for the waterline to be connected to the City of Independence water system, ODA submitted an application for airport annexation and re-zoning. With the city's approval, water was turned on and is now providing a higher level of fire safety for our airport users.

To most people the sky is the limit,

To those who love aviation, the sky is home.

Jerry Crawford,
Wings Over Texas



Improving Oregon Airports Pavements

Each year ODA dedicates up to \$1,000,000 to preserve and maintain runway, taxiway and apron pavements at eligible Oregon public use airports. Funding for this program comes from State Aviation Fuel Tax revenue combined with matches from local airport sponsors. The 2006 Pavement Maintenance Program (PMP) will improve fifteen "Southern Region" airports with the awarding of this year's construction contract to Roger Langeliers Construction Company of Hillsboro, Oregon.

The following airports will receive the necessary combination of crack seal, asphalt concrete patching, slurry seal, and restripe of pavement markings between July to October 2006:

- | | | |
|----------------------------|-----------------------------|--------------------------------|
| Ashland Municipal Airport | Cape Blanco State Airport | Chiloquin State Airport |
| Christmas Valley Airport | Cottage Grove State Airport | Creswell Municipal—Hobby Field |
| Florence Municipal Airport | Grants Pass Airport | Klamath Falls Airport |
| Lake County Airport | Oakridge State Airport | Pinehurst State Airport |
| Prospect State Airport | Roseburg Regional Airport | |

This fall, "Eastern Region" airports' pavement evaluations are currently planned and PMP will improve pavement surfaces at these airports in 2007.

The State Aviation Board consists of seven members appointed by the Governor and confirmed by the Oregon Senate. The Board provides policy direction to the Director and the Department.

Members of the State Aviation Board:
Mike Burrill, Sr., Chair; Chris Corich, Vice-Chair
Board Members: Carrie Novick, Steve Beckham,
Jack Loacker, Joe Smith, Vacant

ODA is dedicated to promoting safe flying within Oregon. The Department is currently working on a safety program headed up by Tralee Knapp. Some of the proposed projects include: safety website, safety articles in Flightlines, safety seminars, safety awards and community outreach. We hope to reach all pilots through out Oregon.



ODA Airport Safety Inspector Tralee Knapp attending ODA Booth at Central Oregon Fly Safe Clinic in Bend, Oregon

WARNING AIRPORT Cascade Locks State Airport

The first property for this airport was acquired in 1948. The construction of the airport took place in 1949 with financing furnished by Oregon State Board of Aeronautics, Washington Aeronautics and the Civil Aeronautics Authority (the predecessor of the FAA). The airport is located along the Columbia River north of Interstate 84, one mile northeast of the community of Cascade Locks. There are no based aircraft and no services at Cascade Locks State Airport.

The airport is little used but an important emergency strip, centrally located in the scenic Columbia Gorge. Many pilots flying through the Gorge in marginal weather and unable to continue VFR have been very grateful to have access to this airport. It has even accommodated a successful forced landing or two.

The main reason Cascade Locks is a warning airport is because the runway is only 1800' long and 30' wide. The approach on the west over the Columbia River end is clear. The terrain drops off rapidly to the west, so trees aren't a problem. The approach from the east is obstructed by many large trees, and a fairly steep approach is required to land to the west. There is also a road, fence and brush 180' from the east end.

The traffic pattern for Runway 24 is right traffic. Both patterns are to the north, over the river to avoid the mountains to the south. Winds are frequently very strong in the Gorge, and significant turbulence can be expected. The runway is surrounded by trees, so crosswinds can produce extreme low level turbulence and unexpected wind currents.

The turf tiedown area is on the south side in the middle and is not well defined. Use caution when taxiing, as it can be difficult to see the tiedowns if the grass has not been mowed recently.

The airport plays a supportive role in the current system, providing access to the surrounding recreational areas. It is about a one-mile walk into town from the airport. There are several restaurants, motels and tourist attractions. There is an attractive riverside marine park that hosts a sternwheeler during summer months. Bonneville Dam is about 5 miles to the west and Skamania Lodge is just across the river in Washington State. Please use caution when flying into this airport.

IF YOU WOULD LIKE TO BE FEATURED IN OUR "SPOTLIGHT ARTICLE" (see pg's 6 & 7)

SEND YOUR INFORMATION TO

Jody.Brewer@state.or.us, or call (503) 378-2197

DO YOU HAVE A FAVORITE AVIATION RELATED VACATION SPOT AND/OR STORY TO TELL?

SPONSORING AN EVENT AT YOUR AIRPORT/TOWN?

SHARE YOUR STORY IN FLIGHTLINES "SPOTLIGHT"



“SHE FLIES ON HER OWN WINGS” by: Tralee Knapp

Women In Aviation International is a nonprofit organization that was developed in 1990. Women In Aviation encourages women to seek opportunities in aviation. Their 15,000+ membership includes astronauts, corporate pilots, maintenance technicians, air traffic controllers, business owners, educators, students, airport managers and many others.

Women In Aviation International is dedicated to the encouragement and advancement of women in all aviation career fields and interests. They provide year-round resources to assist women in aviation and to encourage young women to consider aviation as a career. WAI also offers educational outreach programs to educators, aviation industry members and young people nationally and internationally.

I am proud to announce that Women in Aviation International have developed the first Oregon Chapter. It has been a goal from the moment I came to Oregon to help develop a chapter in Oregon. I first joined Women in Aviation my senior year in high school and quickly realized the importance of this organization. From the moment I stepped into in to the hall at my very first conference I was amazed with the amount of networking and generosity the women in the room had for each other. I left my first conference knowing that aviation was a passionate career I wanted to be a part of. After 3 years of applying for the same scholarship I was finally awarded it in March of 2003. The scholarship gave me the chance to fulfill my dream of a Bachelors Degree in Aviation Management and opened the doors to my career in aviation. Women in Aviation helped formed me into the professional I am today and I take great pride in my dream job made possible by the support of the organization along the way.

Anyone can join Women in Aviation; pilots or non-pilots; women or men. One of the greatest benefits of this organization is the scholarship opportunities and the potential to nourish the unique bond women in aviation share.

If you are interested in becoming a Woman in Aviation member or joining the Oregon Chapter come see them at their next monthly meeting. A list of meetings and information can be found on their website <http://orgsites.com/or/wai/> or you can contact me at 503-378-6275.

According to the Federal Aviation Administration, of nearly 700,000 active pilots in the United States, less than six percent are women and only slightly more than two percent are ATP rated. With these astounding statistics, clearly aviation in Oregon can benefit from this organization. After all, Oregon’s state motto is “She Flies on her own wings.”

SPOTLIGHT ARTICLE

City of Lakeside becomes Airport Sponsor

The City of Lakeside located on the Southern Oregon Coast has a population of 1,420. Within walking distance of our airport (2150 X 100 turf runway) is downtown Lakeside where you can find lodging and enjoy a meal in the restaurant with a view of beautiful Tenmile Lake.

Major events during the year begin in March with the Dune Musher Mail Run. The Independence Day Celebration held at the County Park includes vendors, car show and a Fabulous Fireworks Display. July 29th is the Annual Cardboard Boat Challenge. August 19-20 is the Columbia Drag Boat Association’s annual Drag Boat Races on Tenmile Lake.

Several resorts are in the surrounding area that accommodate RV and/or tent campers. Tenmile Lake has 42+ miles of shoreline and encompasses 3,000 surface acres of fishing and water sport fun. Many Pro Bass tournaments are held at the lake. A marina is available to rent small boats.

In the early 1940’s Lakeside was a known retreat for Hollywood’s rich and famous. The South Coast has the largest and widest range of sand dunes in the Pacific Northwest. ATV and dune buggy rentals are only minutes away or take a walk along the ocean beach.

Article submitted by Lakeside City Clerk, Charlie Hill

Edited for size by Jody Brewer

Flightlines



SPOT LIGHT ARTICLE—Hang Gliding in Oregon

The beauty of hang gliding and paragliding is that pilot and aircraft are an integral part of a flying system – the pilot weighs more than the aircraft itself. In essence, the pilot is the aircraft and feelings of flight and of being an actual bird is amazingly enhanced. Otto Lillienthal, the inventor of gliding flight in 1895, remarked about the fun and exhilaration of gliding by weight shift. Right now, the technical evolution of hang gliders and paragliders make them stronger (tested to more positive and negative G's) than general aviation aircraft.

Hang gliding and paragliding are immensely skillful aviation sports drawing on more physical coordination, knowledge of aerodynamics, mountain weather, and the ability to make mature, rational decisions than most of aviation. Hang glider and paraglider pilots foot launch and land in natural wild areas - off of slopes, cliffs and fields that require more physical energy and creative decision-making. You could say that gliding is a lesson in natural lifting forces and use of ones body and mind to use these forces for free flight.

Flights to 15,000 feet and 100 miles are possible in the Eastern Oregon deserts. However, once a glider pilot stops thinking, setting up the approach in the landing zone is inevitable. Ironically, almost everyone can have a supervised and assisted safe experience in the sport.. At beginner levels even children can learn about aerodynamics, weather and practice ground skimming more safely than a soccer game. The activity is a wonderful inexpensive gateway into all of aviation. The sport is probably the most accessible way for kids and adults to experience flight and take fundamental lessons in flight principles.

Article Submitted by John Matylonek

Edited for size by Jody Brewer

<i>Date</i>	<i>EVENTS CALENDAR</i>	<i>Description</i>	<i>More info</i>
July 15-16	16 Annual Prospect Unit JCSAR Fly-in Prospect Airport	Food, camping, BBQ, pancake breakfast Adults \$20, child \$10	http://www.oregonpilot.org/newsattach/OACACtour2006.pdf
July 15-16	Oregon International Air Show, Hillboro Airport	19 th Annual Air show 65,000 people attend See flyer on internet!!	http://www.oregonairshow.com/
July 16-21	Oregon Air Tour Various Locations	Varies in location	http://www.oregonpilot.org/newsattach/OACACtour2006.pdf
Jul 22-Aug 7	Kevin Kegins American Warbirds Aurora Airport	Fly an authentic American Warbird	(800) 759 5490 www.americanwarbird.com
July 22	Burgers and Brats Fly in, George Flet Airport	George Flet Airport See website for info	(541) 440-2697 http://www.flyincalendar.com
July 28-30	Annual Mosquito Festival/Paisley Airport	Grand opening of airport/Paisley OR	http://www.paisley.presys.com/mosq.htm
July 29	Baker City Air show	Wings over Baker Exhibit/vendors/food/drink	(541)523-4539 www.wingsoverbaker.com
Aug 5	Hot August Nights Salem Airport	Flight Decks /BBQ/drinks/displays/music	(503) 581-5721 FREE
Aug 18-20	McMinnville Fly-in McMinnville Airport	Food/Camping/ and Entertainment Adults \$8, Children \$6	(503) 341 9409 flyingfoamers@comcast.net

Oregon Department of Aviation

3040 25th Street SE

Salem, OR 97302-1125

Connected with our Readers

Your participation in this survey will help ODA stay connected to your needs and enable you to stay current on Oregon Aviation issues.

To serve all Oregon pilots most efficiently Flightlines is available to view on our website, as well as a hard copy distributed to all registered pilots in Oregon. In an effort to cut down on rising printing cost we have developed the survey below. By selecting the "I do have web access, and chose to receive Flightlines via e-mail", you will be taken off of the hard copy distribution list. If you do not return the survey, you will not be taken off of the hard copy distribution list.

Thank you for taking the time out of your busy schedule to complete and return the survey below.

Your input is invaluable to ODA and we appreciate your participation. Please complete and return this survey to:

Oregon Department of Aviation, Attn: Jody Brewer

3040 25th Street SE, Salem, OR 97302

Or email your response to: Jody.Brewer@state.or.us

Name: _____

Address: _____

City/State/Zip: _____

Phone: _____

_____ I DO have web access and chose to receive Flightlines via email:

my email address is: _____ (Your email address will remain confidential)

Comments and suggestions for future Flightlines publications: (attach paper for add'l comments) _____