



The Bend High Desert Flyer of Chapter 1345

WEBSITE: chapters.eaa.org/ea1345

KBDN AWOS 134.425

September 2021, Vol. 20, #9

Prez Sez

On Saturday, August 21, we joined forces with EAA Chapter 617 at the Prineville airport to fly a dozen or so Young Eagles. I was proud of our turn-out of pilots – Fred Berardo, John Moeckel, Carter Fairchild, and Mike Rhodes. On September 25, we will do it again at the Sunriver Airport. I expect there will be more Young Eagles asking for a flight at that location. So, please join us at Sunriver. Chuck Rosenfeld has been coordinating Young Eagles rallies on behalf of the central Oregon chapters.

Saturday, September 11, we will be hosting the Flying Start Event at the Bend Airport. Flying Start is EAA’s version of a Young Eagles rally for adults (Eagles). We will include much more of the hands-on education (ground school) along with an introductory flight. Yes, the Bend Airport is a busy environment, so the pilots will have an opportunity to impress the Eagle they are flying with, about safety concerns in a busy airport environment (an important part of learning to be a pilot – don’t you think?).

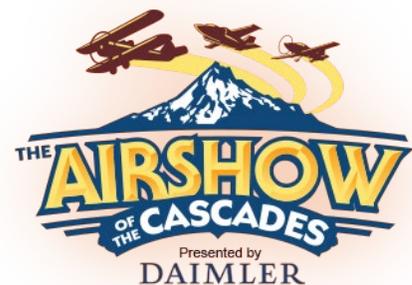
The Madras Airshow of the Cascades August 27-28 remains to be seen as of this printing. We will have a booth to recruit Eagles for 9/11 Flying Start and Young Eagles for 9/25. Mike Robertson will be looking for more RV builders. We will let you know how all that works out at the meeting on 9/8.

This fall will dictate an election of new officers for our chapter. Please think seriously about who you would like to lead this organization. Also think about volunteering for a position yourself.

Fly high and often!

Dale

President, EAA Chapter 1345



Air Show booth set up on August 27; partnering with Bend Builders' Assist!



THE AIRSHOW OF THE CASCADES
Presented by DAIMLER

**20TH ANNIVERSARY
AUGUST 27-28, 2021
MADRAS, OREGON**





EAA Chapter 1345
Meeting Agenda
September 8, 2021
6:30pm

In Person Meeting!
Bend Builders Assist Hangar



6pm burgers!

AGENDA



Announcements

- President's updates

Program

- Plan and set up for the Flying Start event on 9/11/21 (Saturday after meeting)



- Tour of Kitfox (aircraft donated to our chapter by Jack Watson) and hangar (see photos of Kitfox and hangar following this agenda)

Committee Reports and Updates

- Committee updates

Other

- **Next meeting: October 13, 2021, 6:30 PM - In person meeting**

Kitfox/Hangar/Tool Donation from Jack Watson



Meeting Minutes August 11, 2021

The minutes of the regularly scheduled monthly meeting of the EAA Chapter 1345. The meeting took place on the second Wednesday of the month, August 11, 2021 at 6:30 pm and was held in person. Burgers and beverages were served.

Attendees

22 people in attendance.

Announcements

- There are two young eagle rallies coming up. These are in partnership with EAA chapter 617 in Prineville. The first one is on August 21st in Prineville and the second is on September 25th at SunRiver airport. EAA 1345 will have a table at the Madras Air show of the Cascades. The Madras air show is August 27th and 28th.
- We are hosting a flying start event on September 11.
- Formation of the flying club is progressing. The team will be in a position to have a meeting for all interested parties in September.
- Jack Watson has decided to donate his Kitfox to the chapter. We really appreciate Jack's generosity.
- Gabriella Favia our Ray Scholarship recipient is flying with Bend Aircraft.



Feature Presentation:

This month's feature presentation is presented to us by Joel Timmerman and Dennis Miller of Volansi. Check them out at www.volansi.com. Volansi is a company that is developing infrastructure-independent drones that can take off and land autonomously and vertically. Their production facility is in Bend with company headquarters in Concord, California and offices in Mesa, AZ. They are venture capital driven and funded to about \$75M. They have so far produced demonstrator aircraft that are designed to deliver just about anything that weighs up to 10 pounds using the model that was shown at the meeting or up to 20 pounds using their larger model. The unit can also hold 10 pounds of sensors in the nose.

Typically the units are test flown at the Prineville airport operating from about 8am to 4 pm. They are also looking for someone with about 500 acres of land closer to Bend that would allow them to run test flights for compensation. There is



an onboard computer that operates the flight controls. Motors run on two lithium polymer batteries in series at 22000 ma hours operating at 22 volts.

Volansi's business model is a subscription service. The customer contracts for drone deliveries and Volansi operates the drones and delivers the goods. They have a \$400M contract with the Air Force which only comes into play if they call out for service on the contract. Volansi also has a contract with Merc Medical that can fly refrigerated supplies and body parts.



Other Business:

The meeting adjourned.

Respectfully submitted,
Jeff Stolasz, Secretary

Treasurer's Report

The Treasurer is on vacation in Alaska! A combined report for August and September will be provided in the October newsletter.



Nathalie Smith, Treasurer

COMMITTEE/GROUP REPORTS

Program Committee

Program for the September meeting:

- Burgers on the grill
- Plan the Flying Start event, set up stations, overview roles for each station
- Tour the Kitfox airplane donation, tool donation and hangar

Fred Berardo, Program Committee Chair/VP



Builders Group

We have ordered a bunch of parts for the RV-12 from Van's. Unfortunately, they are super busy after Airventure and we have not received anything recently. Jack's Kitfox is ready to market with a few cosmetic touch-ups. Jack's hangar is paid for the next six months. Thank you, Jack! The Glastar has its doors mounted as we plug along for something to work on. Hopefully the hot weather has moved on so we can resume normal building sessions. We now have a nice set of tools for the builder's group – again thank you, Jack. We may need your help to figure out how to use some of them.

See photos at end of newsletter.



Flying Club

Good progress has been made on the formation of a flying club based here in Bend. A local pilot is willing to lease his Cessna 172 to the club at a sustainable rate, and he has hanger access here in Bend. The Cessna has the uprated engine and has a partial glass panel. I've seen the plane and it would be a step up from what we can rent locally.

Articles of Incorporation have been filed with State, and a preliminary budget has been developed that looks affordable. And, more recently, a local owner of a Piper has also expressed interest in the club, so we may end the year with both high and low wing planes in the club!

We are working on a public meeting for all interested pilots. Stay tuned, and we hope to see you in the next month.

Thomas Wright. wright.thomas@yahoo.com. 717-724-7139.



Scholarship Committee

This past month of flying has been one of the most exciting and intensive learning experiences I have encountered thus far. I can't believe I've managed to do so much in the amount of time I have, but I still have a lot more to learn. I've swapped between a few different Cessna 172s and the airplane you're flying makes all the difference. For the future, I will mostly be flying in N734XY.



So far I've learned some basic flight maneuvers, stalls, takeoffs and landings, weight and balance, as well as radio communications. Currently, I'm learning about flight plans, airspace, and aeronautical charts. Some things are a little confusing, like the E6-B8 Computer and determining a heading angle with wind. Hopefully with practice, I'll be able to do these things more proficiently! Right now my primary goal is studying for the FAA written exam, so I really want to focus on the skills it will ask me to test.

I'll begin flying into other airports soon, like Prineville. The runways and patterns are different, so I think it will be interesting to have a change of scenery. I'm a little nervous to fly into Redmond and Sisters, but I'm willing to take on the challenge with more experience.



Young Eagles/Eagles

Thanks to the Young Eagles pilots from 1345 that assisted 617 for the YE rally at S39 on August 21. Unfortunately, the weather deteriorated about 10:30 and we had to end activities. Rain showers became heavy to the south of the airport. Final count... an even dozen.

Photo: a Young Eagle takes the controls in the skies near Prineville....

Thanks to all Central Oregon EAA volunteers who made this composite event a success... next YE rally: September 25, Sunriver Airport, 8-noon.

Hope to see everyone there! We are gradually emerging from our COVID hiatus, as numbers grow each event!

S21 (Sunriver) on September 25 with a pilot brief at 0800...

YE credits will be assigned to the pilots. Chapter 617 has already acquired insurance and rally materials, so help your chapter's program and let's get Young Eagles back into the event calendar for Central Oregon!

Thanks,
Chuck Rosenfeld
YE Coordinator, 617

PS.... see you at Madras, and visit the Young Eagles display at the Airshow.



Fly-Out Group

One fly-out/fly-in this month to CJs at the Airport, Oregon - see article later in the newsletter.

Chapter Membership Report

COVID has affected all organizations, and we are no exception. The number of members in physical attendance has been a little on the light side, which is understandable. However, our membership roster has remained steady and we have been seeing new members and guests interested in finding out more about us, on an almost monthly basis.

Our YE events, like the one we just helped out at in Prineville and the upcoming one in Sunriver should generate interest. And, we have the Flying Start Event coming up September 11th, here in Bend. That event should generate even more interest. Please mark your calendars to come out and help us make this a successful event.

Best,
Faye Phillips, Membership Chair, EAA Chapter 1345
(C) 541-480-2945
fayephil@gmail.com

DUES:

\$25 for individual membership

\$40 for family membership

Make checks out to **EAA Chapter 1345**

Mail to: **PO Box 6732, Bend, OR
97706**



This month, we feature Terry Riessen, EAA 1345 member

How did you get started in recreational flying?

I grew up building, flying and competing in model aviation with a sharp focus on RC sailplanes. My first time at the controls of a full-size airplane was age 13 in a Sonerai, and thereafter in a Cessna 152, both belonging to members of my model aviation community in Michigan. I basically grew up enjoying in others' aviation adventures. Not until much later in adult life was I able to pursue my own full-scale flying adventure. After 10 years and three separate efforts , I've just recently earned my private pilot certificate, and am presently pursuing an instrument rating.



What do you love about flying?

Learning, understanding and then making the physics happen - model aviation played a huge part in that.



Tell us about your own airplane(s)? Any that you built yourself? If yes, how was that experience?

No airplanes of my own yet, however, I'm considering building a Vans RV-12. In my much younger years, I became well-known for building other people's model aircraft. As a teenager with woefully limited means, building other people's models was a decent way to support my hobby, including scratch and kit built wood or full composite construction. Along the way, I've pitched-in with a Kitfox build, and my current chapter's projects, a Glastar and RV-12.



What is one funny or favorite story you can share from your flying experience?

I'm eagerly seeking that adventure.

What is the most interesting place you have ever landed?

Hmm... as a student pilot, landing at Sisters, runway 20 – very steep approach!



Any advice you would give to aspiring recreational pilots or homebuilders?

Don't be afraid to just hang out and participate in others' adventures. Learning to fly and building take time and \$\$\$ which don't always fall into place right away. Be patient and keep engaged.

What do you find the most rewarding about being a member of the High Desert Flyers and EAA?

Access to interesting people, building projects and education.

Anything else you want to share with our membership?

Keep looking for ways to help aspiring pilots and builders to remain engaged!

I believe nothing drives away overwhelmed newcomers quicker than a perception of impracticality or unaffordability.



EAA Chapter 1345 Flying Start Event!

September 11 at the Bend Builders Assist Hangar

EAA's Flying Start program allows EAA chapters to welcome and encourage new aviation enthusiasts to the fun, freedom, and accessibility of personal aviation.

The goal of the Flying Start program is to provide interested adults a pathway to flight training and involvement with our EAA chapter.

Come out and volunteer with the event, or sign up as an aspiring pilot! Just email Dale Anderson for more information or to register: daleanderson779@gmail.com.



EAA National Free Webinars in September

Use this link to register: <https://www.eaa.org/ea/news-and-publications/ea-webinars>



Date	Time	Title	Presenter(s)
9/1/21	7 p.m. CDT	Machine Learning Qualifies for FAA WINGS and AMT credit.	Mike Busch
<i>Predictive analytics has been revolutionizing the maintenance of big airline jets. Huge amounts of data gathered from thousands of sensors throughout the aircraft are analyzed using machine learning and other artificial intelligence techniques to predict when components are likely to fail so that they can be replaced or overhauled before they do. This cutting-edge technology is now being applied to piston GA to predict exhaust valve failures before they happen, and more predictive analytics are in the pipeline. In this webinar, Mike Busch brings you up to date on where things stand now and what's coming.</i>			
9/7/21	7 p.m. CDT	Bearhawk Aircraft Homebuilders Webinar Series	Mark Goldberg
<i>Mark Goldberg of Bearhawk Aircraft will discuss the five Bearhawk designs, which are available as both plans and kits, including their new six-place offering.</i>			
9/8/21	7 p.m. CDT	Avoiding Carburetor Icing - A Cool Pilot's Guide to Carb Heat Qualifies for FAA WINGS and AMT credit.	Prof. H. Paul Shuch
<i>Carburetor icing can rob your engine of power, and if not corrected, will quickly turn your airplane into a glider. In this FAA Safety Team WINGS and AMT award presentation, Prof. Shuch tells you everything you always wanted to know about carb heat, but were too cool to ask.</i>			
9/14/21	7 p.m. CDT	Air Racing History - Part 2 Museum Webinar Series	Connor Madison
<i>EAA's staff photographer Connor Madison takes us on part two of the journey through the thrilling history of American air racing. This will pick up from his previous presentation held on May 11, 2021, and take a dive into the post-WWII era, such as the Cleveland National Air Races.</i>			

9/21/21 7 p.m. CDT [Buying Your First Aerobatic Airplane](#) Budd Davisson

Budd Davisson talks about the myriad considerations involved in buying your first aerobatic airplane. His talk ranges from personal aerobatic goals, finances, matching skill levels to potential airplanes and thumbnail pilot reports on the most likely candidate airplanes to be purchased. Much of his presentation will answering questions from listeners.

9/28/21 7 p.m. CDT [Welcome to EAA – Getting the Most Out of Your Membership](#) David Leiting

Join EAA Manager of Membership Development, David Leiting, as he welcomes you to EAA. This webinar will help you jump-start your participation in EAA programs and bring awareness to EAA's wide variety of member benefits.

9/29/21 7 p.m. CDT [Flying With the iPad — Your Digital Co-Pilot Qualifies for FAA WINGS credit.](#) Bret Koebbe

This fast-paced presentation covers a wide range of practical topics on flying with the iPad and the ForeFlight mobile app. Led by Bret Koebbe, an active pilot and flight instructor at Sporty's Pilot Shop and editor of iPad Pilot News, this webinar will explore topics applicable to pilots of all iPad experience levels, including how to turn the iPad into your digital co-pilot, tips for flying with ADS-B weather on your iPad, and how to use ForeFlight to improve your flight planning.

[View Webinar Video Archives](#)

EAA Webinars sponsored by



Event Announcement



The Central Oregon Young Eagles Program provides free flight experiences for kids ages 8 through 17. Two upcoming rallies will be conducted at local airports, with all participating pilots meeting strict experience, insurance, and youth protection standards.

In addition to their local flight, participating Young Eagles receive a flight certificate, a Flight Logbook, an EAA student membership, online access to a Learn to Fly course, and much more...

Each participant must be accompanied by a parent or guardian, for permission and covid compliance registration. This program has flown over two million aspiring aviators!

No charge is ever made for any aspect of the Young Eagles Program, as we are supported by EAA members and private contributions with the goal of promoting aviation futures among our youth.

Upcoming Events:

Young Eagles Rally at Prineville Airport

- **Saturday, August 21st from 8 AM until Noon (weather permitting)**

Young Eagles Rally at Sunriver Airport

- **Saturday, September 25th from 8 AM until Noon (weather permitting)**

ALL participants must be accompanied by a parent or guardian for registration, flights will be 15 to 20 minutes in duration, in compliance with FAA standards.

Dispatch from Oshkosh

-Jeff Stolasz

It was a bit of a last minute decision but my son Ted and I decided we were going to Oshkosh after all. I wasn't planning to go since we had not taken our kit out of the crate yet, but Ted wanted to go and I wasn't about to squash that enthusiasm.

The primary mission was to look at other Just Aircraft Highlanders, get ideas, and talk to other builders. It is quite difficult to actually locate specific makes and talk to the owners at Oshkosh. The sheer volume of Aircraft and people is astounding.

We flew commercial from Redmond to Chicago on Wednesday, rented a car, and drove to Wittman Regional, the busiest airport in the world during the week of AirVenture. We camped in a tent at Camp Scholler, which was just fine. We even rode out the Wednesday night storm in the tent. It was panic on the field as the tornado missed us by only seven miles. There were plenty of showers and facilities available. We actually had three full days at Oshkosh and that wasn't enough.

Our schedule of events was talk to avionics integrators regarding the instrument panel for the Highlander, engine manufacturers, fabric covering class, get ideas for the paint scheme, watch the STOL competition. Ohh, and reserve Saturday afternoon to watch the airshow and fireworks display. That airshow and fireworks lasted from 2:30pm until 10pm. It was hands down the best fireworks show I've ever seen. Even better than Disney.



We covered a DC-3 Aileron in the Poly Fiber covering workshop.

Warbirds are one of our favorites, old and new.





Steve Henry won the STOL competition in his Just Highlander with a combination takeoff and landing distance of just 88 ft!



We even had time for a helicopter ride.

Quote from Ted as we were walking by a John Deere display that I commented on “We definitely need an airplane and a helicopter, but an airplane, a helicopter, *and* a tractor...now you might be wasting money.”

Some AirVenture Oshkosh Stats from 2021

Attendance: Approximately 608,000 – Only the third time attendance has surpassed 600,000

Total aircraft: More than 10,000 aircraft arrived at Wittman Regional Airport in Oshkosh and other airports in east-central Wisconsin. At Wittman alone, there were 16,378 aircraft operations in the 10-day period from July 22-31, which is an average of approximately 116 takeoffs/landings per hour when the airport is open.

Camping: More than 12,000 sites in aircraft and drive-in camping accounted for an estimated 40,000 visitors

The most important part of the trip was the motivation to finally uncrate the kit and begin work.



Beta Test EAA's AeroEducate Website

AeroEducate, EAA's newest youth aviation initiative, brings free, interactive, educational, and engaging experiences to young people ages 5-18, with web-based resources providing clear, age-appropriate content for aviation and aerospace engagement, including potential career paths. Right now, our AeroEducate website is in the beta test stage. We invite you to visit the website and provide feedback on your experience. [Get started >](#)



Thank you for showing interest in AeroEducate

You are among the first group of people to use this new education platform. Your feedback will be an important part of launching AeroEducate for the public to use.

As a beta tester you get the first look at all of the content AeroEducate has to offer. Earn badges, access hands-on activities, and learn about aviation scholarships and careers.

You can even help us improve the platform by submitting your feedback on periodic surveys. Create your free account and get started testing!

[Learn More](#)

Safety is one of EAA's top priorities, and that doesn't stop when you are at home. Although you are a beta tester, rest assured that your data is protected using robust, proven, and time-tested systems.



From Oregon Aviation Historical Society

GREAT OREGON HOME BUILT FLY-IN

10-4, SATURDAY, SEPTEMBER 4, 2021

Oregon Aviation Historical Society

2475 Jim Wright Way, Cottage Grove
West end of Jim Wright Field, K61S

A celebration of the homebuilding movement in Oregon--
those Aviation Pioneers who continued building their own flying machines
in defiance of federal government decrees.

This birthed the EAA and shaped the environment
that encouraged 100 years of homebuilt innovation.

FREE ADMISSION

OAHS Restoration shop open for tours.
Historical Presentations about the early days of flight in Oregon

541.543.1068 or OregonAviation.org@gmail.com

Pancake Breakfast at the Air Museum!

9-12 Noon

Pancakes, Sausage, Eggs, OJ, Coffee
(Free Admission for children under 12 years)

\$6 each--"All-You-Can Eat"



Fly Out to CJs at the Airport, Bend, Oregon on August 21, 2021

Contributed by Gary Miller

Fearing another smoky day, the CO-OPA Fly-out because a breakfast at CJ's @ The Airport. Even that had limited attendance due to various conflicting events, and mis-programmed alarm clocks.

Instead of the feared smoke, instead there were ceiling less than 4,000 due to a frontal passage. Looking to the horizon in all direction the ceiling looked even lower.

But not to worry, there are always more reason to fly:

- Airshow of the Cascades on August 27 and 28.
- Cottage Grove Pancake Breakfast September 4
- WAAAM FLY-in September 11

RGDS,
GARY



Builder's Group

RV12 Project



Waiting, waiting, waiting! Parts are ordered from Van's in Aurora, but not here yet!



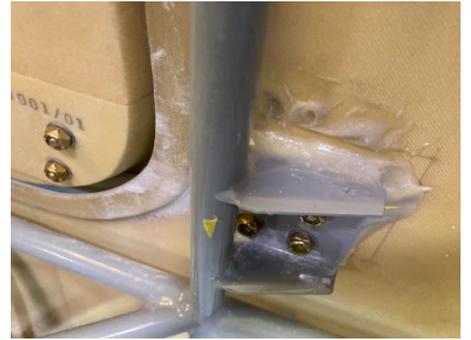
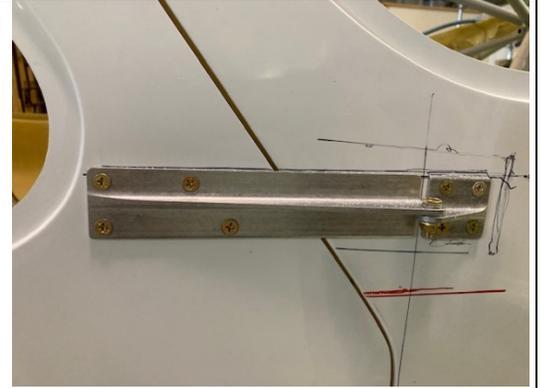
Cleaning out hangar, minor repairs, tool organization.....



GlaStar Project



Work on installing doors and hinges



COVID 19 Updates

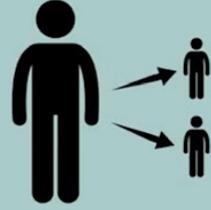
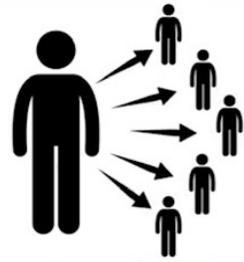
COVID-19 Vaccines 

Even after getting vaccinated, keep taking precautions to protect yourself, family and friends

Why?
 The COVID-19 vaccine is highly effective, but a small percentage of people will still get ill from COVID-19 after vaccination. You could also pass the virus on to others who are not vaccinated. Everyone should continue to distance, wear a mask, clean hands frequently, cover a cough or sneeze and avoid poorly ventilated areas.



WHY DELTA IS DIFFERENT | COVID-19 |

ORIGINAL COVID-19 STRAIN	DELTA VARIANT
	

Delta spreads more easily. It infects more people and spreads faster than other variants of the virus that causes COVID-19.

 www.cdc.gov/coronavirus

325785-A

Delta variant is surging in the U.S. Vaccination is more urgent than ever.

	
Vaccinated people are at lower risk	Unvaccinated people are at higher risk

for **severe illness, hospitalization, and death**

Getting vaccinated helps prevent **severe illness, hospitalization, and death** from COVID-19, including the **Delta variant**. It can also help reduce the spread of the virus in communities.

 cdc.gov/coronavirus

EX320714 | 04/09/2021

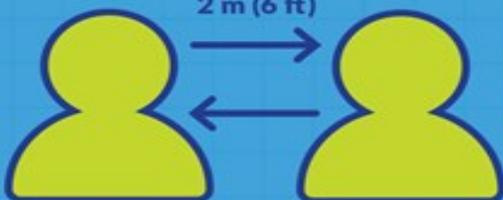
COVID-19 Vaccines 

Getting ill with COVID-19 after you are vaccinated is possible, but rare. Your symptoms are more likely to be mild.

Why?
Breakthrough cases of COVID-19 after vaccination usually happen before the body has had time to develop maximum immunity. Even with a highly effective vaccine, a small number of people will still get ill – no vaccine protects 100% of people. Get vaccinated as soon as it is your turn.



Wear a mask 

Keep your distance 

Clean your hands 

2021 CHAPTER BOARD

President	Dale Anderson 607-591-1714 daleanderson779@gmail.com <i>Term: Jan. 2021- Dec. 2022</i>	Vice-President	Fred Berardo fjberardo@verizon.net <i>Term: Jan. 2021- Dec. 2021</i>
Secretary	Jeff Stolasz 713-471-6350 jstolasz@yahoo.com <i>Term: Jan. 2020- Dec. 2021</i>	Treasurer	Nathalie Smith n.smith@bendbroadband.com <i>Term: Jan. 2020- Dec. 2021</i>
Webmaster	Alan Smith 360-485-2370 a.smith@bendbroadband.com <i>Term: Jan. 2020- Dec. 2021</i>	Newsletter Editor	Lynn Anderson dalelynnanderson@gmail.com <i>Term: Jan. 2020- Dec. 2021</i>
Membership Chairperson	Faye Phillips 541-480-2945 fayephil@gmail.com <i>Term: Jan. 2021- Dec. 2022</i>	Young Eagles & Eagles Coordinator	Mike Wissing 541-419-7352 oregonwissing@yahoo.com <i>Term: Jan. 2021- Dec. 2022</i>
			

Welcome Fall!

