



High Desert Flyers

Chapter 1345 Bend, Oregon

August 2023 Newsletter

Next General Meeting

Wednesday, August 9

6:00pm

Dinner of hamburgers, potato salad and green salad available for \$7 donation to cover our costs

6:30-7:30pm

General meeting

Location:

Bend Builders Assist
63030 Powell Butte Hwy
Bend, OR

Guests are welcome to attend up to two monthly meetings before becoming a member.

Message from the President

Greetings fellow chapter members and welcome to our August newsletter. We've just completed another highly successful Young Eagles event. We flew 20 smiling children from a variety of backgrounds. My deepest thanks to Thomas Wright for all his efforts to plan and execute the day. And of course a huge thanks to all our pilots and ground volunteers. It could not have gone better.

This was probably our last Young Eagles flight for the summer. Our nearby chapter 617 in Prineville is hosting an event on August 19th, and I'm sure they'd be happy to have any of us assist. Contact in Chuck Rosenfeld (541) 420-9141.

I've just returned from Oshkosh, after Joel Haynes and I flew his RV-7A there. From personal experience I can attest it is a long flight, but so worth it! Every minute there is a formation of beautiful airplanes overhead, antique warbirds to walk around, every aviation vendor you could imagine, and over 1,000 homebuilt planes. 10,000 planes flew in for the event. It was almost too much to fully experience.

If you've never been, I would suggest you find a way to make the trip. It will reinforce every reason you have for loving aviation.

At our August meeting Joel and I will show pictures of our trip and talk about our experience.

Look forward to seeing you on Wednesday.

Chris Wallace

August Meeting Agenda

- Welcome/Introductions
- Young Eagles: August 5th Event Recap and August 19 Prineville Event
- **Program:** Joel Haynes and Chris Wallace will share their experience of attending AirVenture 2023.

Preview of the AirVenture 2023 Experience

Last month, two of our Chapter members flew to Oshkosh, Wisconsin, to attend the 2023 AirVenture Fly-In & Convention. Despite the long days flying there and back in a Vans RV-7A, and some pretty severe thunderstorms during the event, Joel Haynes and Chris Wallace had a great time. So many things to see and do and not enough time. A few photos from their trip are below. Join us at the Chapter meeting on Wednesday, August 9th, to hear more.





Some statistics from AirVenture 2023



Membership Update

Submitted by Faye Phillips, Membership Chairperson

We have 45 current members, which includes the following new members in the past month:

Alexis Vaughan
Eric Schuur
Josh Holcomb

We extend a hearty welcome to all our new members!

YOUNG EAGLES DAY: SO MANY SMILES!

On Saturday August 5th we held our second Young Eagles Day rally, and what a day it was:

- ❖ 20 Young Eagles flew with us, one came all the way from West Linn! Several were repeats from our July Young Eagles Day.
- ❖ 10 pilots, including 3 from Prineville (we owe those guys...they're looking for pilots for their YE Day on August 19th).
- ❖ 12 Ground Crew, that were essential for ground marshalling and safety escort duties.
- ❖ We closed the airport for 30 minutes when Joel's right main wheel flatted on landing.

The day started at 7:30am with an all-hands briefing, starting with Debbie and Linda walking us through the 'flow' of kids, from registration on thru to log books. Fred briefed the pilots on the routes, frequencies, taxi and parking. Safety Escorts were briefed on the movement/non-movement areas for our guests. Steve took on the key job of greeting and briefing incoming parents.

Based on the prior YE Day we incorporated several improvements to the 'flow' that resulted in kids getting onboarded in the order they and the next available pilot were ready to fly. It all went well.

Mid-morning we learned that Joel had successfully landed his RV with a rapidly deflating right main. I had a chance to talk with Dillon, the Young Eagle on that flight, and he described the calm and measured handling of the plane by the pilot as the RV swerved to the side of the runway. And even though flight service was called to assist (they closed the runway), it was the quick action by Chris, Steve, and Joel that resulted in the plane getting pulled off the runway to the nearest taxiway. Meanwhile the rest of the pilots were lined up and ready to go, and within a minute of the plane being pulled off they started their engines and proceeded with the rest of the day's flights. Great teamwork and communication all around!

(continued on next page)

YOUNG EAGLES DAY: SO MANY SMILES!

(continued)

As has been said before, none of this would have worked nearly as well without the great support, effort, and attitudes of the volunteer crew. All's well that ends well, and this day did just that, with so many smiles and great memories for the Young Eagles.

Until next year,

Thomas Wright, YE Coordinator



A big **THANK YOU** to all of the volunteers who came out early Saturday morning to help make our YE Day a success!!!

Alexis Vaughan
Ashley Laurence
Carter Fairchild
Chris Wallace
Chuck Rosenfeld
Colton Hardie
Craig Sleight

Debbie Wallace
Faye Phillips
Fred Berardo
Jeff Thompson
Joel Haynes
John Wood
Ken Fayal

Kyle Claggett
Linda Wallon Haynes
Mary Verry
Rich Doyle
Rob Hardie
Steve Gette
Thomas Wright



Local Aircraft Museum Highlight

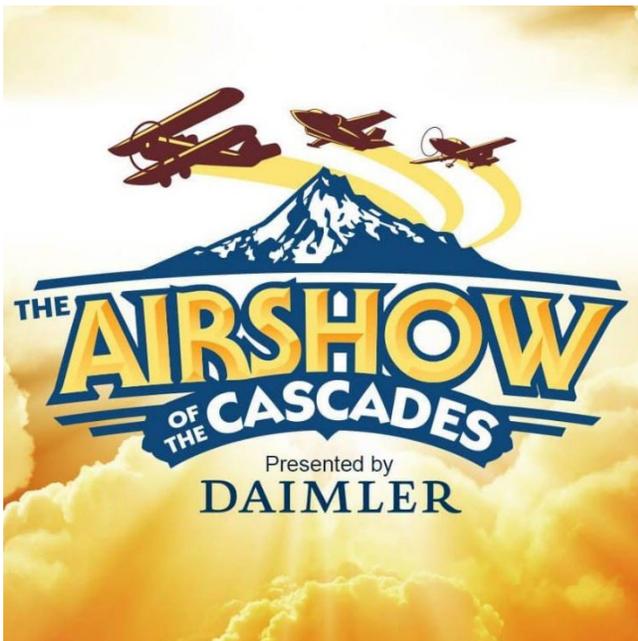


The Erickson Aircraft Collection proudly displays a vintage aircraft collection started by Jack Erickson in 1983. The collection features over twenty rare aircraft, most of which are still in flying condition. The newly named Collection will feature rare aircraft that are still in flying condition such as the P-38 Lightning, P-51 Mustang, Ki43 Hayabusa, F4U Corsair, SBD Dauntless, Grumman Duck and B-17 Flying Fortress. General admission is only \$9.

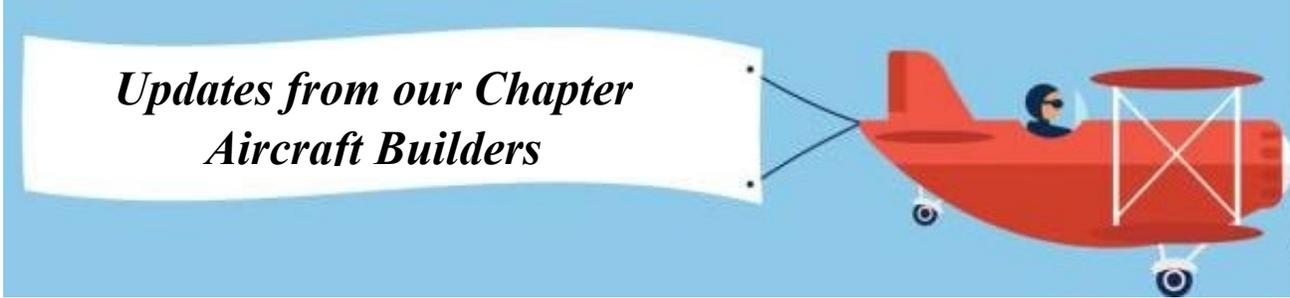
Palms to Pines Air Race

The Palms to Pines Air Race will take place from August 11-12 beginning in Santa Monica, California, and ending in Madras. There will be an awards banquet the evening of August 12 at the Madras airport, in the Erickson Aircraft Collection Museum. Come out and support our members who are competing in the race, **Mary Verry and Faye Phillips**. For more information and to sign up for the banquet: <https://palmstopinesairrace.com/>

Airshow of the Cascades



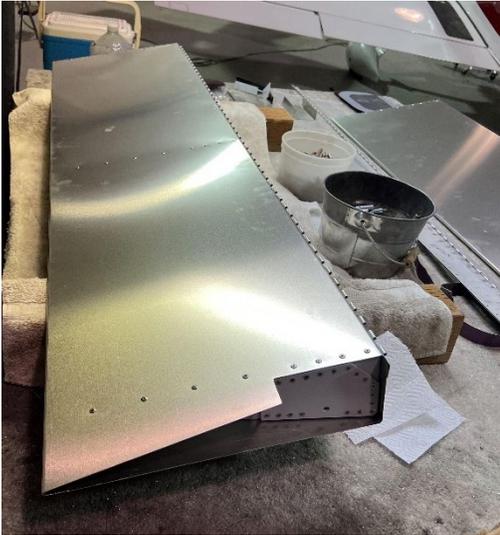
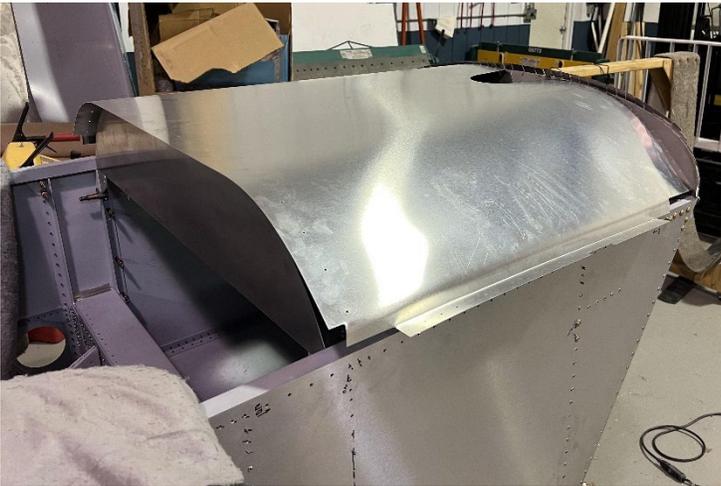
The Airshow of the Cascades will be held at the Erickson Aircraft Collection museum in Madras on from August 25-26. The show will feature vintage aircraft on static display, operational Warbirds in the air and glider rides. There is also a vintage and antique Car Show, Motorcycle Show, Aircraft Fly-In Show, live music and food vendors. For more information and to view the schedule, please visit <https://www.cascadeairshow.com/>



Our chapter has several members currently building experimental kit planes in varying stages. We shared some of their stories in our November newsletter. The builders have been busy and below are updates on some of their projects. If you are building a kit, we would love to include your update in a future newsletter.

Chapter Member: Chris Wallace
Kit: Sonex Waix

Spent four days at Airventure, and got a lot of good ideas and inspiration for working on my plane. Was able to talk to other builders and vendors. Figured out how I'd like to configure my instrument panel, amazing what's available. Otherwise working on my fuselage and completing flight controls.



From the Desk of the Bend Airport Manager

BDN APPROACH AND DEPARTURE PROCEDURE CHANGES COMING SOON

Effective August 10, 2023, the Federal Aviation Administration (FAA) is proposing to amend the Area Navigation (RNAV) (Global Positioning System [GPS]) Runway (RWY) 34, the RNAV (GPS) Y RWY 16, the RNAV (GPS) Z RWY 16, the Very High Frequency Omnidirectional Range/Distance Measuring Equipment (VOR/DME) RWY 16, and the BEND ONE DEPARTURE (OBSTACLE) at Bend Municipal Airport (KBDN), Bend, Oregon. The proposed amendments would bring the procedures into compliance with FAA criteria and enhance safety by aligning procedures with a recent magnetic variation (MagVar) update. Amendments to the IFR departure procedure would mitigate obstructions. The FAA Handout further describing the amendments to four (4) approach procedures and one (1) departure procedure is on the Airport Website under Pilot Information.

AIR TRAFFIC CONTROL TOWER (ATCT) UPDATE

This is a short recap regarding the proposed ATCT at the Bend Municipal Airport (BDN). On October 14, 2020, BDN was accepted as a Candidate for the Federal Contract Tower (FCT) Program. This means the City of Bend would be required to site, complete an environmental assessment, design, construct, and pass an operational readiness inspection by October 2025. The site has been determined and the Environmental Assessment has been completed. Barring no unforeseen circumstances leading to delay, the City plans to issue a Request for Proposals (RFP) for Design in August 2023, with construction to occur approximately one year later. Firms interested in proposing on the Design should register in the City of Bend eProcurement Bonfire platform on or around August 11, 2023.

REQUEST - BEND FIRE DEPARTMENT AIRPORT FAMILIARIZATION TRAINING

Over the last several years, airport users have willingly participated in several airport/aircraft familiarization trainings with Bend Fire (THANK YOU!). The next training opportunity for your participation is tentatively scheduled for the morning of August 21, 2023. I am seeking willing pilots that can be available with their aircraft to go over and talk about all things pilots would want first responders to know about a particular aircraft type in the event of an emergency. I am seeking at least one each: jet, helicopter, single engine, multi-engine, experimental and glider.

(continued on next page)

From the Desk of the Bend Airport Manager

(continued)

We can come to your hangar or tiedown. If August 21, 2023 does not work, we are looking at additional dates in September 2023, date to be determined. Please consider participating and respond to airport@bendairport.gov or call my mobile number at (541) 647-0828. Thank you for your kind consideration.

PLEASE FLY FRIENDLY

Days are longer for flying and good weather has been great for pilots. Airport neighbors also want to enjoy these great weather days, enjoy outside activities with doors and windows open. This combination has resulted in increased operations and increased noise/low flying complaints. Please observe the airport Fly Friendly Program.

Thanks for reading, please fly safe, and check NOTAMS.

Tracy Williams, Airport Manager

EAA Chapter 1345 General Meeting Notes July 9, 2023

Mike Robertson grilled hamburgers and salmon burgers for dinner before the meeting.

Our President, Chris Wallace, welcomed everyone and reviewed the agenda for the evening.

Chris then gave an update on our two aviation scholarship recipients.

Thomas Wright, Vice President and Young Eagles Coordinator, gave a recap of the July 8th Young Eagles event and a big thank you to all of the volunteers. He asked for volunteers for the next Young Eagles event on August 5th.

Our guest speaker and chapter member, Kim Muinch, gave a briefing on how the Oregon Disaster Airlift Response Team (ODART) operates.

HOW CURRENT ARE YOU? CAN YOU PASS?

This month's random 20 question FAA 'Test Your Knowledge' quiz

Courtesy Pilot Institute

(Answers on page 15)

Submitted by Steve Gette, Member At Large

1. What is the Angle of Attack?
 - The angle between the chord line of an airfoil and drag
 - The angle between the chord line of an airfoil and the relative wind
 - The angle between lift and relative wind

2. You just passed your checkride and received your PPL. When will you need to do your first flight review to continue to act as PIC?
 - Within 24 calendar months
 - Within 12 calendar months
 - Within 18 calendar months

3. The angular difference between true north and magnetic north is
 - Magnetic Deviation
 - Magnetic Variation
 - Compass Deviation

4. What minimum pilot certification is required in order to operate in Class B airspace?
 - Student pilot certificate
 - Private pilot certificate with instrument rating
 - Private pilot certificate or Student pilot certificate with appropriate endorsement

5. You are flying through Class D airspace at 3,000' AGL. What are the minimum visibility requirements?
 - 3 SM
 - 5 SM
 - 1 SM

6. To act as Pilot in Command carrying passengers, the pilot must have made three takeoffs and landings in the same class, category, and type (if required) in the preceding
 - 30 days
 - 90 days
 - 24 calendar months

7. Which aircraft has the right of way over the other aircraft listed?
 - Glider
 - Airship
 - Single engine airplane

8. How often must your transponder be tested and inspected?
 - 12 calendar months
 - 24 calendar months
 - 6 calendar months

9. Filling the tanks after the last flight of the day is a good idea because...
- Force any existing water to the top of the tank away from the fuel lines to the engine
 - Prevent expansion of the fuel by eliminating airspace in the tanks
 - Prevent moisture condensation by eliminating airspace in the tanks
10. You fly from an area of high pressure to an area of low pressure without adjusting your altimeter. Your altimeter will read...
- The actual altitude above sea level
 - Lower than the actual altitude above sea level
 - Higher than the actual altitude above sea level
11. What action should a pilot take before entering Class B airspace?
- Contact FSS for traffic advisories
 - Contact tower to get a clearance to enter the airspace
 - Tune into the UNICOM frequency
12. Over a congested area, you must remain _____ feet above the highest obstacle within a horizontal radius of 2,000 feet of the aircraft.
- 1,000 feet
 - 500 feet
 - 2,000 feet
13. The four fundamentals involved in maneuvering an aircraft are...
- Power, pitch, bank, and trim
 - Straight-and-level flight, turns, climbs, and descents
 - Weight, lift, thrust, and drag
14. The greatest vortex strength occurs when the generating aircraft is
- Heavy, clean, and fast
 - Heavy, dirty, and slow
 - Heavy, clean, and slow
15. During operations outside controlled airspace at altitude of more than 1,200 feet AGL, but less than 10,00 feet MSL, the minimum flight visibility for day flight is ...
- 1 SM
 - 3 SM
 - 5 SM
16. What action should be taken by the pilot when operating VFR in a Military Operations Area (MOA)?
- Obtain a clearance from the controlling agency prior to entering the MOA
 - Operate only on the airways that traverse the MOA
 - Exercise extreme caution when military activity is being conducted
17. The pilot loses communications while in the air. What squawk code should be selected?
- 7600
 - 7500
 - 7700

18. How far will an aircraft travel in 7.5 minutes with a ground speed of 144 knots?
- 15.00 NM
 - 18.00 NM
 - 14.50 NM
19. What does the red line on an airspeed indicator represent?
- Maneuvering Speed
 - Never-Exceed Speed
 - Maximum Structural Cruising Speed
20. What is one purpose of wing flaps?
- To enable the pilot to make steeper approaches to a landing without increasing the airspeed
 - To relieve the pilot of maintaining continuous pressure on the controls
 - To decrease wing area to vary the lift

Donated Aircraft Update

The building of the Chapter RV-12 is complete and is waiting for a final inspection before we can list it for sale.

EAA National Free Webinars in August

Below is a list of some of the webinars offered in August for *free* by EAA National to members. Preregistration is recommended since space is limited. For more information and to preregister, go to <https://www.eaa.org/eaanews-and-publications/eaawebinars>. If you miss the live webinar, you can still watch the video at a later date.

- August 8: Homebuilt Highlights from AirVenture 2023
- August 9: Unbelievable Compressions
- August 23: Swift Fuels Unleaded Avgas

2023 Membership Dues Information

We welcome prospective members to attend up to two of our monthly chapter meetings to learn about the group and meet our members. After attending two meetings, we kindly ask that you join the chapter by paying the annual dues to help fund our activities during the year. Annual membership dues is \$25 for individuals and \$40 for a family. Dues can be paid electronically by credit card or PayPal on our website at <https://chapters.eaa.org/eaal345/yearly-membership-renewal>. If you prefer to pay by check, please make the check payable to “EAA Chapter 1345” and either bring it to the monthly meeting or mail it to:

EAA Chapter 1345
P.O. Box 6732
Bend, OR 97706

If you have any questions, please contact our Membership Coordinator, Faye Phillips, at Fayephil@gmail.com.

Chapter Board

President	Chris Wallace highdesertflyers1345@gmail.com <i>Term: Jan 2023-Dec 2024</i>	Vice President	Tom Wright wright.thomas@yahoo.com <i>Term: Jan 2023-Dec 2024</i>
Secretary	Jeff Stolasz Jstolasz@yahoo.com <i>Term: Jan 2023-Dec 2024</i>	Treasurer	Joel Haynes Joelroberthaynes@gmail.com <i>Term: Mar 2023-Dec 2023</i>

Chapter Committee Chairpersons

Membership Chairperson	Faye Phillips Fayephil@gmail.com <i>Term: Jan 2023-Dec 2024</i>	Young Eagles & Eagles Coordinator	Tom Wright wright.thomas@yahoo.com <i>Term: Jan 2023-Dec 2024</i>
Member At Large and Webmaster	Steve Gette Sgetteman@q.com <i>Term: Jan 2022-Dec 2023</i>	Newsletter Editor	Debbie Wallace highdesertflyers1345@gmail.com

Answers to the HOW CURRENT ARE YOU? FAA Quiz on pages 11-13

1. The angle between the chord line of an airfoil and the relative wind
2. Within 24 calendar months
3. Magnetic Variation
4. Private pilot certificate or Student pilot certificate with appropriate endorsement
5. 3 SM
6. 90 days
7. Glider
8. 24 calendar months
9. Prevent moisture condensation by eliminating airspace in the tanks
10. Higher than the actual altitude above sea level
11. Contact tower to get a clearance to enter the airspace
12. 1,000 feet
13. Straight-and-level flight, turns, climbs, and descents
14. Heavy, clean, and slow
15. 1 SM
16. Exercise extreme caution when military activity is being conducted
17. 7600
18. 18.00 NM
19. Never-Exceed Speed
20. To enable the pilot to make steeper approaches to a landing without increasing the airspeed

SO....How did you do?