



# High Desert Flyers

Chapter 1345 Bend, Oregon

## November 2022 Newsletter



### **Next General Meeting**

Wednesday, November 9

6:00pm

Dinner of chicken croissant sandwiches, potato salad and green salad available for \$5 donation to cover our costs  
(please see note below)

6:30-7:30pm

General meeting

#### Location:

Bend Builders Assist  
63030 Powell Butte Hwy  
Bend, OR

*Guests are welcome*

***Dinner Menu Note:*** *We will be trying different dinner menus during the winter months due to concerns from members regarding the grill smoke when the hangar door is closed. We look forward to your feedback.*

### **Message from the (Interim) President**

Fellow Chapter 1345 members,

Welcome to our November newsletter! This month we're leading off with chapter news and activities, and at the end are updates from our active builders and an interesting perspective on flight reviews by our own Tom Wright.

At the upcoming meeting we will be holding our annual election. Although the positions are uncontested, I still encourage you to participate in the process. There is still room for write in candidates if anyone would like to run for an office.

Our December meeting will be a holiday potluck. We're still deciding on a location, so please check your email for more information. There will also be an on-line sign-up process where we can choose what we will be bringing to share.

We are still seeking volunteers to help get our GlaStar ready for sale. This would be about a day's work for three people. Our chapter depends on its volunteers to get things done, and I'm counting on you to step up and help.

Please note there will not be a meeting in January. This is usually a lightly attended month, and due to the weather there will probably not be much information to share.

Happy Skies!  
Chris Wallace



### **November Meeting Agenda**

- President's Update
- Chapter Board Election
- December Holiday Potluck update
- Guest Speaker: Chapter Member Joel Haynes on his experience building not just one, but 3 kit planes

### **Election of Chapter Board Members**

Our annual election of officers will be held during the next general meeting on November 9. The nominating committee members are Kim Muinch, Jeff Stolasz and Tom Wright. They will be handing out paper ballots during the meeting for you to cast your votes. We encourage everyone to attend the meeting to cast your vote and share your vision of the chapter's culture and activities next year.

The positions up for election and the candidates this year are below:

President – Chris Wallace

Vice President – Tom Wright

Secretary – Jeff Stolasz

Membership Chairperson – Faye Phillips

Young Eagles and Eagles Coordinator – Tom Wright

Newsletter Editor – (no candidates yet)

The new officers will be installed at the December potluck meeting and begin their duties on January 1, 2023.

## 2023 Membership Dues

Just a friendly reminder that the annual membership dues will be due in January. We are keeping the dues at \$25 for individuals and \$40 for a family. We are excited to announce that your dues can now be paid electronically via PayPal, Venmo or credit card 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](mailto:Fayephil@gmail.com).

### *Holiday Potluck in December*

MARK YOUR CALENDARS! We are excited to invite all chapter members and their families to our annual Holiday Potluck! It will be held on our usually monthly meeting date of Wednesday, December 14<sup>th</sup>. Location is still to be determined. More details to come via email, including the time and place as well as an online signup sheet. There will be no formal meeting in December but we will announce and install the newly elected chapter board members.



## **October 2022 Chapter Meeting Notes (21 Attendees)**

Chris kicked off the meeting with our guest speaker Tracy Williams, the Bend Airport Manager.

### **Updates from the Bend Airport Manager**

Tracy went through airport familiarization and layout plan. The airport is owned and operated by the city but land use matters go to the county. The proposed additional hangars on the west side of the airport were scrapped. The helicopter hangar is to be completed by end 2022. Several other developments are in the proposal stage.

Bend is the third busiest airport in Oregon behind Portland and Hillsboro, with 141,000 annual take offs and landings, followed by Troutdale then Redmond with 70,000 takeoffs and landings.

### **Airport Users and Revenue:**

There are 293 aircraft based at KBDN

Hangars	\$ 393,300
Ground Lease	\$ 594,900
Other	\$ 94,900
Fuel Flowage fees (\$0.08/gal)	\$ 14,000
Tie Down (\$47.74/mo)	\$ 13,800
<b>Total Annual Revenue</b>	<b>\$ 1,110,900</b>

### **Current capital Improvements:**

Runway Rehab and lighting project estimated to cost \$1.7M. The project funding is coming from Federal (\$1.5M), state of Oregon (\$109K) and city of Bend (\$10K). Signage should go up in December.

### **Pending Capital Improvements:**

- Air Traffic control tower estimated completion is 2025. Total project estimate is \$15M. The state has pledged \$4.5M and the remaining will need to come from the city.
- Roundabout and new entrance road has been proposed.
- Move and replace taxi lanes has been discussed.

## **Upcoming Election of Board Members**

Nominating committee was introduced for November's officer elections. The nominating committee is Kim Muinch, Thomas Wright and Jeff Stolasz.

Officers up for elections and candidates:

President: Chris Wallace

Vice President: Tom Wright

Secretary: Jeff Stolasz

Membership Chairperson: Faye Phillips

Newsletter Editor: (no candidates yet)

Young Eagles/Eagles Coordinator: Tom Wright

## **Miscellaneous Updates**

- Jeff discussed the new sign in roster for our monthly meetings
- Chris discussed the importance of reading the monthly newsletter as it will contain updates on meeting schedules and activities.
- Donated airplane updates:
  - The chapter elected to pay Bend Builders Assist to finish the RV-12 so it can be sold.
  - Chris asked for volunteers to inventory the parts for the GlaStar so it can be listed and sold.
- We will change up the menu during the winter months when the hangar door is closed due to concerns from members regarding the smoke from the grill.
- We watched the EAA National October update video magazine.
- Several options for the December Holiday party/meeting were discussed: Phoenix Restaurant, Black Bear Diner or a potluck. Jeff offered to host at his barn/workshop in Sisters.

Respectfully submitted,

*- Jeff Stolasz, EAA Chapter 1345 Chapter Secretary*

## **From the Desk of the Bend Airport Manager**

### USE OF COMMON AREAS

PIREP complaints (pilot reports) of blocked access to common areas, specifically taxi lanes between the hangars, are on the increase. For wingtip clearance safety, please refrain from leaving parked aircraft and/or parked vehicles outside your hangar or leased space. In recent months I get at least one PIREP a week and am aware of at least one accident with an aircraft clipping a vehicle parked in the taxi lane. Also, with snow season approaching, the common areas need to be clear for effective snow removal operations. Thank you, in advance for cooperating.

Thanks for reading, check NOTAMs and please fly safe!

*Tracy Williams, Airport Manager*

### **Donated Aircraft Update**

**RV12:** The board has decided to hire Bend Builders Assist to finish the plane and get it ready for sale. Hopefully, the plane will be done by year-end.

**GlaStar:** We also decided to sell the GlaStar as is given the complexity of completion. We are seeking volunteers to go through and catalog the parts to accurately prepare the ad.

## *Updates from our Chapter Aircraft Builders*



As you know, EAA is the abbreviation for Experimental Aircraft Association. Our chapter has several members currently building experimental kit planes in varying stages, so we thought it would be fun to share the status of their projects. We plan to share updates in future months. If you are building a kit, we would love to include your update in a future newsletter.

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### **Chapter Member: Gary Hood Kit: RV12**

In October the parts I've been working on all came together; First the tailcone, then the vertical stabilizer, horizontal stabilator, landing gear and all the hidden rods, mixers, and cables. It's been fun learning everything and seeing the precision required to make it work. November is canopy time.





**Chapter Member: Jeff Stolasz**

**Kit: Just Highlander**

The Highlander is a two seat tube and fabric bush plane sold by Just Aircraft. My airplane will be powered by a 100 HP Rotax 912ULS.

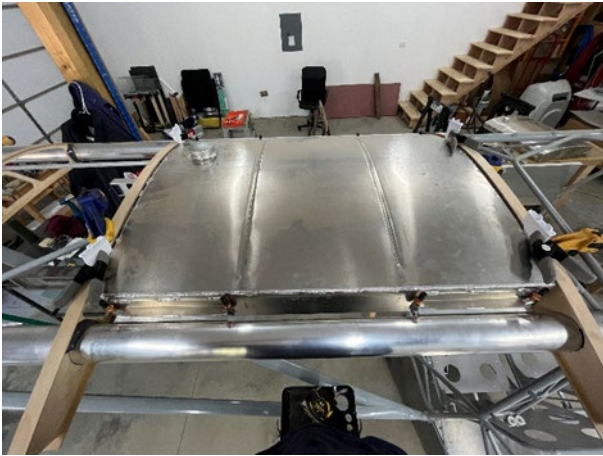


I purchased my kit in 2020 from Wild West Aircraft, the West coast dealer for Just Aircraft. The kit was delivered in March of 2021. I started the build in August of that year after finishing the barn to build it in. I am about 150 hours into the build and have done work on the fuselage, header tank, empennage, control stick mixer, elevator linkage, and rudder pedals. I put the wings on for the first time in early October.





The most recent work was fitting the fuel tanks to the wings and fitting the wing trailing edge.



Last weekend I removed the wings so I could begin fitting up the flaps and ailerons.



You can follow the progress of the build at [www.eaabuilderslog.org](http://www.eaabuilderslog.org).

Some fun videos to watch about the highlander are on Steve Henry's YouTube channel where you can watch the performance of his souped-up 300HP Highlander. My favorite is the dead stick takeoff and landing video.

Stay tuned for future build updates.

-Jeff Stolasz

## Chapter Member: Steve Gette

### Kit: Aerolite 103

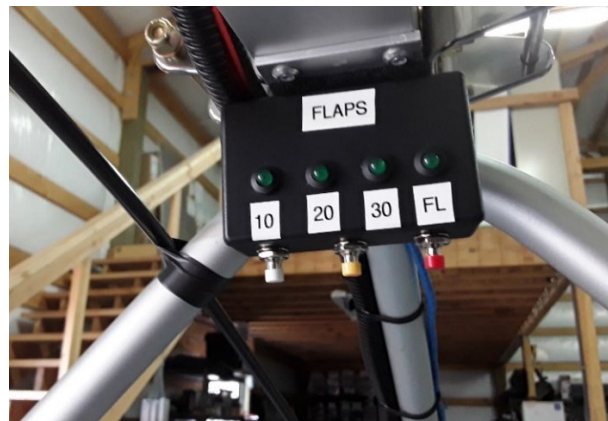
During my Aerolite103 build, I had the opportunity to design my own unique cockpit dash as well as an electronic flap position indicator, and remote EIS control. Since this was a kit from the factory it contained minimal instruments. I enjoy designing and building things, so I did some enhancements to improve navigation and safety.

The control panel includes a Grand Rapids EIS, turn coordinator, key plus push button starter, switches for master, strobes, and accessories. I also added a cost effective wifi glass panel EFIS system that uses a mini tablet to display the instruments.

The only way to tell flap position was to turn and look behind you at the flaps. I improved that by designing an electronic position indicator that uses an LED display fed by the physical position of the flap actuator. The lights show percents 10, 20, 30, and full positions.

The EIS has three control buttons that allow various displays. While located on the face of the dash, they are too far away to reach comfortably while airborne. I tapped into the controller and added remote overhead buttons for easy access and operation. These are located just under the flap position lights and are shown as white, yellow, and red momentary buttons.

The attached photos show each of the items just described.



And here is Steve and his (mostly) finished Aerolite.





## Chapter Member: Chris Wallace

### Kit: Sonex Waix

I've been working on my kit for a little over a month now. Progress has been slow but steady. I've completed the rudder, both ruddervators (this is a Y tail) and both stabilators. I've learned a lot about how to work with sheet aluminum. Cutting, drilling, deburring, clecoing and finally riveting. Riveting is definitely the fun part. After all the prep work you finally have completed an assembly! Next week I'll start working on the fuselage.



Hopefully, it will look like this eventually....



## Notes from Members

This section is for articles submitted by club members. We would love to include your thoughts in future newsletters if you have destination recommendations from a recent local flight or a story of a lesson learned.

### **BRING AN UNUSUAL ATTITUDE TO YOUR FLIGHT REVIEW**

Last week I had my best flight review-ever. Now I can say in the past I have not looked forward to this requirement. Even before I became aware of how the airlines approach this, my opinion was the flight review should be in synch with the kind of flying I do, and not be some robotic prescription of maneuvers out of the ACS standards we all learned to pass the check ride.

Not that I've forgotten the ACS. Having only rented planes in multiple states I got checked out on new-to-me Cessnas many times, and I learned that the CFIs would follow a predictable script, again from the ACS. My party piece was the steep turn: early in the script, I learned to hit my own wake on rolling out, impressing the CFI and moving ahead to getting signed off.

The only problem is that doing this has no bearing on being a safe pilot. The airlines know this, don't test for it, and instead focus on those *scenarios* that have high risk, not a specific *maneuver*. Unusual attitude recovery in IMC is a good example of a scenario where the immediate and correct response is essential to survival. Hitting your wake? Not so much.

So, for my flight review I asked a local CFI if we could practice a number of scenarios that directly affect the safety of the kind of flying I do. Fortunately, he agreed.

The flight review was longer than typical: 2.9 hours on the Hobbs across two days. Together we flew those scenarios: unusual attitude recovery (I think 6 times, both VFR and IMC), engine fires, VFR into IMC recovery, loss of thrust on takeoff, engine failures at altitude, several emergency landings. [That rancher out in Alfalfa certainly had a great dinner story to tell.] And we did a lot of other stuff too. But the list of what we *didn't* do is just as long, beginning with steep turns, turns around a point, S turns, etc.

In summary, not only did I get to practice really important stuff with the safety of the CFI, I learned some things from the CFI that were really helpful. This has never happened before. This time the focus was on a learning opportunity, not an evaluation of my ACS chops. In fact, I've arranged to go fly with this CFI again to practice spin recovery in the flying club plane. So, when it's time for your flight review, bring an unusual attitude. You might learn something useful, and if you can still hit your wake on roll-out, great!

*Written by Chapter Member Tom Wright*

## EAA National Free Webinars in November

EAA National offers free monthly webinars to members. A sample of the webinars offered in November is below. Preregistration is recommended since space is limited. For more information and to preregister, go to <https://www.eaa.org/eaanews-and-publications/eaanwebinars>.

- Real-Life Breakdowns (*Qualifies for FAA Wings credit*)
- Talk to the Tower - Communicating in Controlled Airspace (*Qualifies for FAA Wings credit*)
- ForeFlight IFR Pro Tips (*Qualifies for FAA Wings credit*)
- EAA Ray Aviation Scholarship – 2023 Update
- Past Aircraft of the Collection (*EAA Aviation Museum webinar series*)
- Flying the World's Fastest Airplane, the SR-71

### Chapter Board

<b>President</b> (Interim)	Chris Wallace highdesertflyers1345@gmail.com Term: Oct 2022-Dec 2022	<b>Vice President</b>	(Vacant)
<b>Secretary</b>	Jeff Stolasz Jstolasz@yahoo.com Term: Jan 2020-Dec 2022	<b>Treasurer</b>	Faye Phillips Fayephil@gmail.com Term: Jan 2022-Dec 2023
<b>Membership Chairperson</b>	Faye Phillips Fayephil@gmail.com Term: Jan 2021-Dec 2022	<b>Young Eagles &amp; Eagles Coordinator</b>	Miles Lundgren miles.lundgren@gmail.com Term: Jan 2022-Dec 2022
<b>Webmaster</b>	Steve Gette Sgetteman@q.com Term: Jan 2022-Dec 2023	<b>Newsletter Editor</b>	Debbie Wallace (Interim) highdesertflyers1345@gmail.com