

Our next Meeting will be on Dec 11th at 10AM

Time to Renewing your Membership! \$35 per year and due January 1st.

Online Registration or Renewal is available through www.EAA292.org or mail/drop off a check to: EAA Chapter 292, 4803 Airport Rd. Independence, Oregon, 97351

President's Message

As I'm writing this message to you, it's less than 1 week until Thanksgiving! However, we're already being inundated with Holiday ads and decorations. It used to be a "rule" that you don't put up Christmas decorations or advertise for Christmas until AFTER Thanksgiving! My how things have changed. It makes me appreciate the photo (to the right) that Rich Harrison found! My sentiments exactly!

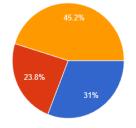


While we're discussing the Holidays, we need to plan our own "Holiday Party." With COVID still being a major concern in Oregon, the Board agreed to survey our members to see what they wanted to do. Below are the results (as of Nov 20th). Based on these results, the majority prefer to skip this year, so we'll not have a dinner party. Instead, we'll have a

regular Monthly meeting on Dec 11th at 10 am. However, we're asking everyone to bring in a plate of their favorite Holiday cookies or treats to share. We'll have a casual format to enjoy each other's company, and the Board is still working on content and/or entertainment! More details soon. See you there!



Please selct the type of Holiday party you would prefer this year:



- Hosted at the Elk's facility in Independence on Sunday Dec 12th from 4-7pm. Cost would be \$25 per person, and a bar will be available.
- Small "pot-luck" gathering in the Chapter clubhouse on Sat Dec 11th, but limited to ~50 people due to available space.
- Skip the Holiday party this year and plan for next year

End of Year Chapter Update

At his time of year, it's customary for the President to review the activities of the previous year. Despite 2020 & 2021 being terrible years due to the COVID pandemic, Chapter 292 has made some amazing gains accomplishments. The following pages are a letter I wrote to Charlie Becker and John Egan at EAA National, explaining many of the things our Chapter has accomplished. Enjoy the reading!

To: Charlie Becker, Director of Chapters, Communities & Homebuilt Community Manager John Egan, Sr. Manager, Chapters

Subject: EAA 292 - State of our Chapter, 2020-2021

In 2019, EAA rolled out the ten-criterion Chapter Recognition Program as a way to recognize EAA's most active and engaged chapters. At the end of 2019, EAA used these ten criteria to award more than 210 chapters as a Gold, Silver, or Bronze chapter for outstanding service to EAA and general aviation.

EAA 292 was proud to be recognized as a 2019 "Gold" Chapter!



These past two years have been difficult, not just for EAA Nationally, but for the local Chapters as well. I wanted to highlight the extraordinary effort that has been made by the EAA 292 Board and Chapter members to persevere through these challenging times. I thought that perhaps the best way to accomplish this would be to use the revised 2020-2021 Chapter Recognition Criteria to point out not just our Chapter's ability to survive, but our resilience and ability to grow and thrive throughout this global pandemic.

UPDATED TEN CRITERIA

- 1. Attends a chapter leadership training session
- 2. Growing or steady membership
- 3. Offers IMC or VMC Club programs
- 4. Participates in Young Eagles or Flying Start programs
- 5. Has EAA-approved Flight Advisor or Technical Counselor
- 6. Participates in EAA's Annual Chapter Member survey
- 7. Participates in Young Eagles Build and Fly, Young Eagles Workshops, or sponsoring a youth to Air Academy*
- 8. Requests an EAA ChapterBlast email**
- 9. Hosts at least two public events each year
- 10. Owns/leases a facility
- 11. Extra credit activity, such as a chapter build project, youth build project, chapter scholarship (separate from Ray Scholars), a chapter tool crib, IAC competition, etc.**

Please allow me the privilege of sharing with you several of our successes as we evaluate ourselves against the Top 10 criteria. I hope you'll recognize that EAA 292 is again deserving of the "Gold" award!

1) Leadership Training Classes 🕢



Great leadership has always been a hallmark goal of Chapter 292. Thankfully, EAA National has provided great tools to help get our leaders trained! When the Leadership "Bootcamps" were rolled out 6-7 years ago, our Chapter was quick to sign-up and hold a bootcamp in October 2016 at our clubhouse facility, where the entire Chapter leadership team participated.

When the Bootcamp was offered again in Seattle, we had three of our officers make the 200+ miles drive and participate.



EAA Leadership Bootcamp Attendees (EAA 292 is upper left)

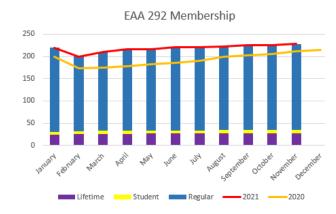
Even though the remote Bootcamps were cancelled in 2020-2021 due to COVID, most of our Chapters Officers attended the Virtual Video Workshops for their respective positions. We're hoping that as activities return to normal, and there will be an opportunity to host another Bootcamp at our facility in the future!

2) Growing Membership

Membership growth continues to be a KPI for our Chapter. When the current slate of officers took over their positions in Dec 2019, we began a methodical tracking of our PAID membership which is reported monthly and shown in this year-over-year graphic:

Although we don't include them in our count or graph, we have also added both family members and honorary members which enables us to expand our reach into the local and aviation community.

COVID has certainly had an impact on our ability to recruit new members. Oregon has been one of the strictest states regarding lockdowns and social gatherings. The limited number of public events we've been able to hold has restricted our ability to get out in front of the local community.



Discussions among the Board have also included:

- 1) How do we increase the number of participating, "active" members (vs "passive")?
- 2) How do we smooth-out the "dip" that always occurs in Jan/Feb at membership renewal time?
- 3) Should we be concerned about the "slope" (trend) of the 2021 membership compared to 2020?
- 4) Is there a "right" size for a (our) Chapter, or is it possible to become too big?

3) IMC/VMC Club Programs (



EAA 292 was an "early adopter" by initiating our VMC club back in 2017 when the program was initially rolled out. Due to the popularity and success of the VMC meetings, our VMC coordinator and CFI, Mike Short recruited another CFII, Kelly Wilson, to support implementing our IMC club in 2019.





Through the use of videoconferencing, our meeting attendance remained strong throughout the pandemic with typically 30-40 participants at each meeting. In-fact, we never missed a meeting! Our members have provided a lot of positive feedback about these clubs and the value that is being provided.

Of note, our Chapter has already consumed most of the meeting materials and scenarios that were initially prepared and have moved-on to now including member-sourced scenarios which have received great feedback!

4) Young Eagles / Flying Start Programs 💜



Our Chapter's annual calendar includes 2X main Young Eagle (YE) events. We hold a June event which coincides with National YE day, and we hold an end-of-Summer September event. Taking over as YE Coordinator was Cindy Woodworth, who was phasing-in behind Judy Yerian who had ran the program for many successful years. We had also planned for an October 2020 Flying Start Event. Unfortunately, the rigid Oregon 2020 lockdown mandates prevented any of these 2020 events from occurring.

We were able to schedule and conduct a successful 2021 YE event with about 50 kids in June after the State had "opened up." However, the State "locked-down" again in September, and even though we had a down-sized event planned, the smaller event

was washed-out by rain.

We're already gearing up for 2022 with our YE events on the schedule, and discussion about a Flying Start event.



5) EAA Approved Tech Counselors & Flight Advisors



Chapter 292 has long had a reputation for not just having a large quantity of Tech Counselors & Flight Advisors on our staff, but some of the highest quality too! Everyone knows the contributions of Ernie Moreno and the incredible number of inspections he performs each year,



But we're also grateful for the volunteer efforts of our Counselors/Advisors Ed Storo, Henry Bartle, Al Cleveland, Gary Brown, Denny Fuhrman and the late Dave Martin.

6) EAA Annual Membership Survey (



Of course, the Annual Membership Survey is always an opportunity for us to provide feedback about our Chapter and program, but it's also an opportunity to adjust our Chapter's direction and programming. This is why we always participate and encourage our members to participate.



Our officers take this feedback so seriously that we conduct our own bi-annual survey which we then include in our 5-year planning and provide the results back to our members. It's directly because of this feedback that we've made several adjustments to our Chapter activities.

7) Young Eagles Build & Fly / Young Eagles Workshop / Air Academy Candidate

Our Chapter has conducted many 2-day Teen Aviation Weekends over the past six years, and we believe that our program provided the initial outline for what has

Teen Aviation Weekend
Feb 19-20, 2022

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evolved into the Young Eagles Workshop. In 2018, we also introduced a single-day workshop that focused on careers in aviation and highlighted the many ways that teens could take advantage of local programs and scholarships sponsored by EAA (and other similar aviation clubs). This was called "Up, Up and Away" and featured multiple career aviators and educators, including airline & military pilots to Professors from Oregon Universities.



COVID prevented us from holding programs in 2020, and though Oregon is still under a lockdown, we are promoting our next Teen Aviation Weekend for this February.

We've submitted and sponsored Air Academy candidates for both 2020 and 2021, but due to COVID, the Academy was not conducted. We've already reserved our spot and are identifying our candidate for Air Academy 2022!

8) EAA ChapterBlast 🕢



Working with Serena, we were able to send out a successful and highly effective ChapterBlast to announce our August 2021 Fly-In (more on the Fly-In in the next section).

Even though you don't give credit for it any longer, we wanted to share with you how we take advantage of the printed materials EAA National makes available to us. In addition to the Young Eagle forms (that everyone uses), we've created a "New Members Packet" of information which we give to all Chapter guests and prospective members.





We are particularly proud of our Tr-Fold Flyer and the extensive list of FAQs that we include! (Attached are both documents for you to review). These are the types of recruiting tools that could be utilized by other Chapters too.

9) Two Public Events 🕢



Although COVID decimated our 2020 public events, we were able to hold 3 Public events in 2021. Our Young Eagles Rally was on June 12. We held a Public "Light Flight" gathering/open house on July 10th, and we had our 2021 Fly-In and STOL Expo on August 14-15.

For the Fly-In and STOL Expo, we had more than 100 guest and an estimated 50+ aircraft! 27 local and guest aircraft participated in the STOL competition which even contained a Cessna 150 category. In the end, the overall best score was by local "super-pilot" and CFI Robin Reid in his family's Piper Cub!





Airplane parking was an issue, but Vince Homer and Russ VanLandingham made it work.



Despite all the social & weather obstacles, we had a good turnout!

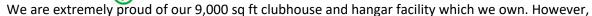




For the first time, we conducted "fly-bys" of our Chapter members in some of their recently completed and restored projects. A good time was had by all!



10) Owns/Leases a Facility 🕢





Back view of our Chapter Clubhouse

after 10 years of Chapter and project growth, we are desperately in need of more space; specifically for a larger meeting room and more project space. The Chapter is currently reviewing option to add-on to our existing structure, and aggressively raising money to fund the project!



South "Project Build" Area (8 Project areas are available for members to rent)

11) Extra Credit

11a) Chapter Build Project(s)



Our Chapter's financial model includes building/finishing/fixing/restoring various "donated" aircraft which are then sold. Those proceeds seed the funds for the "next" project. During 2020-2021, our "Builders Group," led by Ernie Moreno has been working on a Kolb Mark III Classic (sold), Zenith 601 (sold), Pterodactyl Ultralight (sold), 2X Van's RV-6's (sold), Aerolite 103 (contracted), and a Lancair 4P (contracted).

11b) Youth Build Project



Our Youth-Build group, (having previously successfully built, completed, and sold a Sonex), in 2020 completed a Zenith 701 (which was flown and sold in 2021), and started their 3rd project which is a Van's RV-12iS. That project should be finished in 2022. The group has also built several pedal-planes over the years.





The Flying Youth-Built 2-701 and the Youth Build Group at the July 4th parade (1st place!)

11c) Chapter Scholarships (Separate from Ray Scholars)



In addition to our three Ray Scholarship recipients, Anders Walters, Zach Lopez and Kristin Taylor (all have completed their check rides and earned their certificates), the Chapter has awarded multiple cash, grant, and tool scholarships to assist youth in their pursuit of aviation careers. Here are a few additional past success stories (from 2020)

EAA 292 Success Stories

Micah traveled almost an hour each way to be a part of the Sonex Build. He completed his private certificate and attended Portland Community College. Awarded the Advanced Air Academy Scholarship 2013, EAA 105 Scholarship, and the Northwest American Association of Airport Executives Scholarship.

He works for an IT company

Tyler

Norked four years on the Sonex through high school. EAA Chapter 292 awarded scholarship for his welding supplies needed when he attended Linn-Benton Community College's Welding Program. Awarded the Advanced Air Academy Scholarship for 2014, Loves aviation and

Andrea

Worked all four years on the Sonex Awarded the EAA Advanced Air Academy Scholarship in 2016. Home schooled, attend Chemeketa Community College for two years diploma along with earning credits towards a degree in Engineering. Currently in the Mechanical Engineering Program at Oregon State University.

Rodrigo

Attending Lane Community College Aviation Tech Program. Earned a private certificate with a tailwheel and high-Currently working on IFR and commercial ratings. In August will attend Ag Flying School to obtain Ag certification



Worked on the Zenith 701 until graduating 2018. Met several college recruiters during the 2018 Northwest Aviation and Trade Show in Washington. Awarded through the university an \$8,000 annually for four years. When he completes his Aviation program, he will have his private, IFR and commercial ratings. His goal is to fly for a commercial airline

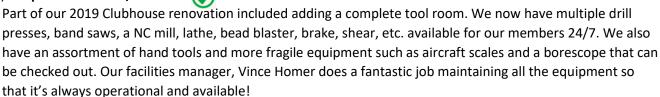
Ashley

After graduating from high school, she worked a year along with working on the Sonex on Saturdays. She was accepted into the Lane Community College A&P Program, graduated and was hired to work as an A&P for Columbia Helicopters in Aurora, Oregon. Granted a toolbox and tools valued over \$2,000. Awarded an AOPA Scholarship, Ninety-Nines Scholarship, and recently was awarded \$10,000 scholarship by Women in Aviation. She holds a private certificate with a tailwheel endorsement and is currently vorking on her IFR rating

Graduated from high school as valedictorian and is currently working and attending Chemeketa Community College. She is a certified paramedic working on the advanced certification for paramedics. She wants to become a helicopter pilot and fly rescue. She is considering applying to the Coast Guard.

Homeschooled Junior, received EAA Chapter 292's first Ray Scholarship valued at \$10,000. Earned Private in 6 months, then completed tailwheel. Now working on IFR and commercial Assisted with rebuild of O-200. Received the 2018 Advanced Air Academy Scholarship.

11d) Chapter Tool Room/Tool Crib





Facility Manager Vince Homer discussing the safe operation of toolroom equipment.

Even though that's the conclusion of the measurable criteria, there are also several other recent activities that I'd like to mention.

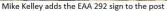
- Chapter 292 never missed a single meeting due to COVID. We were able to immediately shift to a videoconference format for our General Meetings, our VMC/IMC Meetings, and our Board Meetings.
- 2021 was a stellar year for Chapter 292 at AirVenture! In addition to ~35 Chapter attendees, there were 9 Chapter member aircraft that made the 1,700 mile trip; 1) Keith & Linda Hamilton RV-7, 2) Denny, Jason, Hunter and Noah Furman's RV-10, 3) Jerry & Chris Price KR-2S, 4) Gary Brown RV-7, 5) Henry Bartle & Steve Wheat & Staci Feero & Jodi Turner & Cameron Souza & Pete Killcommons C-421, 6) Kelly & Mark Matthews Grumman, 7) Bruce Patton & Mike Short RV-10, 8) Vincent Dunn Mooney, and 9) Mike Kelley & Larry Claussen Lancair.
- One of the highlights of the 2021 AirVenture event was having the Chapter selected to host the opening day pancake breakfast. To make sure our Chapter was well presented, we made-up custom embroidered aprons. We served over 500 breakfasts Monday morning! With over 30 members and friends helping, the morning went by fast, and everyone had a good time.



EAA 292 Volunteers showing off their new aprons after serving over 500 breakfasts!

• For this year, EAA National had asked that visiting Chapters create a "Distance to" sign that could be mounted outside the Chapters "Blue Barn." Rising to the task, Chapter members Vince Homer and Robert Haines combined their skills and created a representative sign for our Chapter. Even though we weren't the furthest Chapter there, we probably had the highest attendance for a "distant" Chapter!







Larry Claussen and Mike Kelley add the obligatory pin to the Chapters Location map

As you can tell, we are obviously very proud of our Chapter's achievements. With our members help and the EAA National organization's support behind us, we see no reason that our success won't continue in the future.

Thanks for the opportunity to share with you our recent activities and successes!

Best Regards,

Mike Kelley President, EAA Chapter 292 Independence, Oregon (971) 570-1522

Meeting Minutes

Board meeting 11/12/21

- On the call Mike Kelley, John Roberts, Jerry Pryce, Vince Homer, Dave Ullman, Ernie Moreno, Al Cleveland, Chuck West, Rich Harrison, Kristin Taylor
- Mike opened the meeting at 12:30
- Mike went over the agenda of the Membership meeting for tomorrow.
- Jerry went over his efforts to try and put together a holiday party. Checking with different locations for the party as our facility is too small to host it. He is waiting for information back from a couple places. If we don't hold a party, looking for a general meeting subject.
- Treasure and sec reports. 193 regular, 8 student, 27 lifetime.
- The 2022 budget was reviewed.
 - Jerry moved that we change the rental cost of the meeting room from \$35 to \$50 starting Jan 1st.
 Ernie seconded. Motion is approved.
 - Al proposed that we accept the 2022 budget as presented by John. Jerry seconded; motion approved.
- Dave- Youth meeting. Held meeting last night, only 7 people showed up. He is working on pulling together the Youth Aviation Weekend. He is still looking for someone to head it up.
 - o Bob Henderson will be heading up the building of simulator based on Microsoft X-Plane.

- Al RV 12 is moving along but stalled a bit as still waiting on engine kit, should be delivered in the next few weeks. Currently working on Robin's glider wings.
- Discussion about the Mini Sport kit that was donated, it was decided that we should be offer the kit up for sale.
- A discussion was held over possible changes to the club bylaws. As the club keeps growing and with the
 last almost 2 years of Covid situation, the discussion is around reducing the number of voting members
 needed to make a quorum. Also set
 - Rich motioned was made to make the changes to the bylaws as proposed, Dave seconded. This
 needs to go to the membership to vote. Motion pasted; Mike will put this forward to the
 membership to vote.
- Web Calendar is still a work in progress. Mike is going to follow up with Steve Sands.
- EAA Chapter Filing is due next month, Rich will be working on that.
- Ernie discussed issues with trying to get aircraft insurance once you hit 80 years old.
- Mike ended the meeting at 2:30PM

Chapter Membership Meeting 11/13/21

- Jerry Pryce opened the meeting at 10:05.
 - o Jerry introduced visitors and new members.
- Jerry reminded the membership that dues for 2022 are coming up.
- Jerry went over the current budget and membership numbers.
- Jerry discussed the Lifetime Membership costs and plans.
- Lancair update Henry. Wednesday night build parties are going very well and all are invited to turn out.
- Dave Youth
 - Teen Aviation Weekend coming up looking for someone to take this over Dave passed around the ROB report on doing the event.
 - Dave has been working with the public schools to try and get interest in the program.
 - Looking for volunteers for the supervise the kids for the build program and the upcoming youth build simulator.
 - RV-12 update engine kit arriving in a few weeks. The tail cone has been attached.



- o Piper Cub peddle plane is for sale \$500 or make offer.
- Mike short is looking for a CFI to assist or take over the VMC / IMC club meetings, or help with this. Mike is ramping up his flight training and has less time to manage this program
- Build reports
 - o Ernie Fokker Eindecker project update, kit received.
 - Ernie discussed the issues he is having with getting insurance as he approaches his 80th birthday.
 - A discussion was held on insurance.
 - Barnaby discussed his new FMX project.
 - SE5A full scale project is underway.
- Vince facilities.

- Vince asked that if you notice a problem with any equipment to let him or other folks know so it can be fixed. Also, you might consider making a donation for the use of the equipment and help offset the costs of maintaining them.
- Jerry covered upcoming Bylaws changes that will be presented at a future meeting
- Jerry discussed the Holiday party, and asked for a show of hands how many would attend. Of the 36 people in attendance, 31 indicated they would attend.
- Break
- Jerry introduced himself as the rebuilder of a Hummel H5, going through the history of the design and how he got his project and its history.
- Jerry ended the meeting at 11:40. We had 36 people in attendance.

EAA Chapter 292 Board Members

President – Mike Kelley
 Vice President- Jerry Pryce
 Secretary - Rich Harrison
 Treasurer - John Roberts

Members of the board can be contacted through the Chapter email at eaa292@gmail.com

YouthGreat Holiday Gift - tax deductible donation to EAA 292 Youth Aviation Program

Young people in our youth aviation program built this Piper J-3 pedal plane as part of their Saturday building experience. One builder, Zack Lopez, has gone to become a Ray scholar and earing his glider pilot's license... You can give the J3 as a gift this season by donating \$500 or more to EAA292.

Contact David Ullman to get this great pedal plane, 541-760-2338, <u>ullman@davidullman.com</u>.

Ed – a great way to get the toddlers into Aviation, and get them started off in a Taildragger...





Virtual Reality + Motion Simulator Equals Fun Opportunity for Young and Old Eagles.

We, EAA chapter 292, are embarking on a project to build a new style simulator that will attract young eagles to the flying experience. Virtual Reality (VR) headsets are now mature enough to give a totally awesome immersive experience for relatively cheap. We can now marry this VR technology to a simple moving platform built from off the shelf materials.



How do we know this? Well, EAA chapter 1541 in Lincoln California has already done it and they shared all the particulars in an article of EAA's Sport Aviation, September 2021 beginning on page 16. Go to https://motionsim.wordpress.com/ for pictures, videos and information. Their team of young and gray eagles built a 3 axes simulator with roll, pitch and heave from scratch. This is a Great winter project that uses Microsoft Flight Simulator 2020, a HP VR headset and off the shelf scooter motors and go kart gears and drive chains. Using the virtual reality headset means that a real copy of the flight deck is no longer required as it can be seen exactly inside the view of the headset. Any flight deck from a Cessna 150 to a

jumbo jet can be represented. We have the skills in our membership to do this and a few have already signed up to get started.

Our plan is to build a prototype using borrowed components (kitchen chair, computer, software, etc.) from our membership for a static display that will show everyone interested just how awesome this can be in real time. Then, with approval of our Youth Committee we can move on to creating a static model to be completed for the February 19th Teen Event.

Long-range goals include a full-blown VR+ Motion Simulator that can be easily taken to different events, schools, etc. around the area so that area youth can experience the thrill of flight. Some guys are already asking, "How hard can it be to add yaw?".

So, get in touch with <u>Bob Henderson</u>, 503-990-2069 text preferred, or <u>bhenders51@gmail.com</u>, if you are interested in participating in any manner. Your support matters.

Youth RV-12iS







The Canopy starts to come together.

Denny gives instructions on riveting.





Youth members Levi, Jocelyn and Kristin visit with Ron Sing and look at his recently completed RV-12iS.



Kristin works on the firewall of the RV-12iS



Youth members assist Scott from the Glider Club with reskinning the wings of a Schweizer I-26 glider.

Builder Reports

Steve Wheat has been making steady progress on his RV-7 working in his Build Space at the Chapter Clubhouse. Here he is doing the first trial fitting of a wing to the fuselage.



Racer 292 @ OSH



What is the story behind Race 292 (Vince's OneX) parked at Oshkosh? Well, you will have to wait until next month. We ran out of room!

Happy Holidays to All!