

EAA 292

INDEPENDENCE

OREGON

Taildragger



May 2019

[Next Chapter Meeting is Saturday May 11th at 10AM](#)

President's Message

When is "Enough...Enough?" Managing a group's membership is always a challenge and Chapter 292 is no exception. Our membership count is now slightly over 200 which is in record territory! (for those of you who haven't paid your yearly dues...Please catch up!). The question soon becomes what is the "right" number of members and what should be the "mix" of those members (standard, student, honorary, and demographics)?

In my opinion, membership growth should not be a goal, but just a metric indicating the Chapter is doing the right things to benefit the members. This includes providing interesting speaker content, establishing comfortable and usable facilities, and creating a friendly environment where every member feels welcome and part of the group.

Before joining Chapter 292 and moving to Independence, I was a member of another large Chapter where the focus was on the monthly Pancake Breakfast. They did not own their meeting facility, regular meetings were poorly attended, and I didn't know many other members. I felt like just a number.

If you contrast this with our own Chapter 292, we have built and own a fantastic facility. Meeting attendance approaches 100 (50%). There are multiple Chapter and member projects under construction. There have been times when the parking lot is full for even the daily coffee klatch!

With that being said, things are not perfect for us either. I recently had a conversation where a member told me that they don't regularly attend meeting because they didn't feel welcomed. I'm asking every member to reach out to their friends and fellow members to make sure this isn't an issue. With a large group, it becomes easier for some to get "lost in the crowd" and I don't want that to happen.

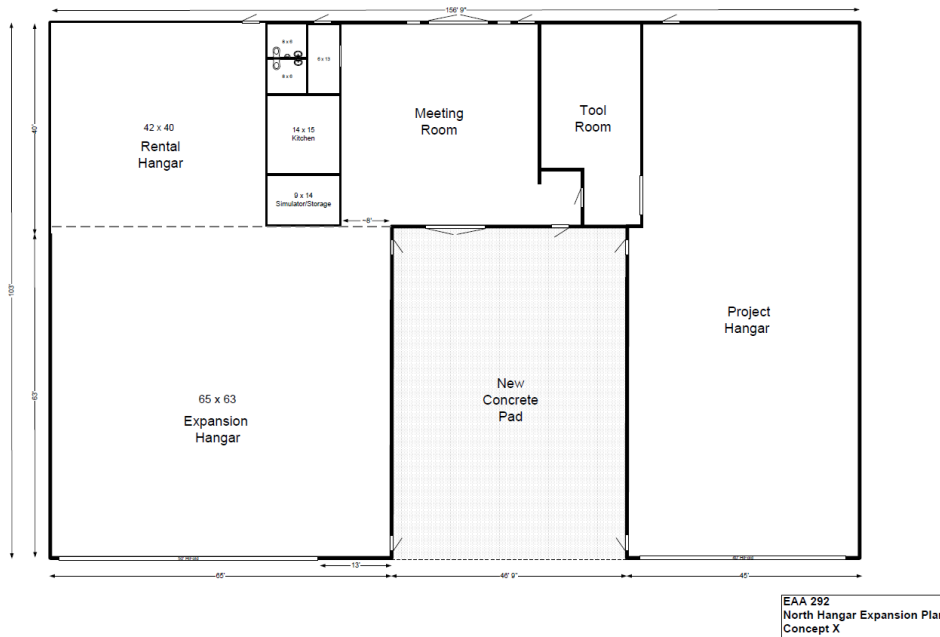


Jerry Pryce addresses a packed house in the renovated Clubhouse

For those of you who have attended meetings in the newly renovated & reconfigured facility (thank you Tool Room team!), you may have noticed that as the count of tools and projects increases, the amount of room for actual meetings has decreased slightly and there is some tension about where to put all the "stuff!" There is a long-term plan to extend the North Hangar. This will be primarily funded by the building and selling of the Lancair 4P and coordinated by Henry Bartle and Dave Ullman.

As we were reminded during the Chapter Board meeting, we can't let the cart get ahead of the horse! We're creating a North Hangar Expansion Planning Committee to essentially come up with the "Requirements Specification" for how this addition will be used and what facilities will it include. I'm happy to announce that we already have a great list of volunteers

for this committee including Dave U., Vince H., Mike K., Ernie M., Bob S., Rich H., Deb O., Chuck W., and Henry B. Dave Ullman has also volunteered to lead this group with the caveat that it not kick fully-into-gear until after the August Fly-In. I was also happy (and a little frightened) to hear Chuck West talk about looking “way” into the future and being able to accommodate the entire membership. What happens if/when we reach 300, 400, etc.? These are questions worth considering!



Hangar Expansion Concept Diagram (for discussion only)

EAA has recently implemented a Scholarship program that is intended to help some of our Chapter’s youth achieve their pilots license, either Private, Sport or Glider. **Mike Ryer** did a fantastic job seeing the paperwork through and fast-tracking Chapter 292 to getting one of the first Scholarships available. The grant was awarded to **Anders Walter** who will start his flight training immediately (assuming that he can find a training aircraft he will fit into...see picture below!) Our goal is to have Anders complete all the way through his check ride, and then queue-up another candidate right behind him. Our Chapter is already being recognized by National EAA as a model case-study on how we implemented this program. Kudos to all!

Another element of a vibrant Chapter is providing valuable and interesting meeting content. There is an informal committee behind the scenes, headed up by Jerry Pryce, that diligently works on this. He has been assisted by Denny Fuhrman and Bruce Patton. We are looking to expand that committee by adding individuals who not only have in interest in finding content but are also willing to help out by tracking it down, scheduling, and following up. Contact Jerry Pryce or myself if you are able to assist with this important task.

As we head into good flying weather, fly safe, keep your eyes open, and don't forget that ADS-B is right around the corner!

Blue Skies to all and hope to see everyone at the May 11th meeting!

Mike Kelley

Fly-In Update

Plans for the EAA 292 fly-in and STOL Expo are shaping up. There will be a dinner on Friday Aug 16. Aug 17 feature Van's Homecoming and host of forums that are still being finalized. There will be a big banquet under the tent on Saturday night featuring our keynote speaker **Tracy Drain**. Tracy is the NASA Deputy Project Systems engineer for Psyche, a mission to the metallic asteroid 16 Psyche set to launch in 2022. Sunday, Aug 18 will feature our third STOL Expo. Better start practicing for this.

As in past years, this is our major fund raiser for the chapter. Soon you will be asked to donate to the silent auction. Proceeds from this go to youth aviation. If you have aviation related items you want to donate please contact **Rich Hoffmann** (rich at hydraulicsapp.com).

The fly-in's success is dependent on your help. We are fortunate this year in that many new club members have stepped forward to help organize all the different activities (including **Rich Hoffman, Steve Sands** and **Tim Isaac**). I hope you will join them when asked to help and be a part of the event. Any questions or if you need posters please contact me (ullman at davidullman.com).



Secretary Report – Meeting Minutes

Executive Meeting 4/13/19

- Mike Kelley opened meeting at 8:30AM
- In attendance was Mike Kelley, Jerry Pryce, Vince Homer, Chuck West, John Roberts, Ernie Moreno, Dave Ulman, Bill McLagan, Bob, Bret Hammang, Denny Fuhrman. Michael Ryder
- General meeting agenda was discussed.
- Change in chapter management - Deb is interested in VP position, but does not want some of the day-to-day like meeting agenda.
 - Looking to add to the committee helping with arranging the meeting agendas.
 - Volunteers are Jim Wixson, John Coyier
- Membership update, we have 178 paid members, and 35 not paid.
- John talked about the new EAA membership website and how it will be used.
- Treasure report - Tool room - \$8,329.79. This includes new TV.
 - \$41477 balance in accounts
 - \$6842 in Youth
 - Mike is concerned about spend.
- QBs have asked to use our meeting room on one Tuesday Night a month during the winter. Al is coordinating. They will pay the normal fees.
- Youth - Bill –
 - Our chapter has been selected by National to do a case Study on how to start and maintain a youth program.
 - Reminder on Youth Protection updates needed.
 - Need help with managing Young Eagles day. Dave Ullman will handle Outside. Nancy Larson will coordinate inside.

- Youth Scholarship will be announced. Mike will present at general meeting.
- 701 project moving into final phase.
- Facilities.
 - Bob has been handling the loaning of tables and chairs. Do we charge for them to support ware and future replacements? Discussion. We will continue with the current operation and discuss in the future.
 - Vince - Tool room is mostly done. We will hold a small silent auction today on some excess tools.
 - Storage container. Needs power, dehumidifier and shelving. Needs a hard surface so items can be rolled over to it. Mike said it needs paint first.
- Builder groups. Ernie - two C-150s have come available thinking about flying club, Baby Ace may be available for youth project, Kolb
- Fly-in - Dave - Meeting next Monday, website up,
- Jabiru training - 19 sign-ups, Dave reports we made money, so he will be providing food for the training out of the profits. May 17-18.
- Mike talked about planning for next hangar expansion. He passed out a floorplan drawing of what it could look like.
 - We need a plan for it prior to moving forward. Mike would like a committee to decide how it would be used, what we'd can get for.
 - Dave volunteers to he'd up the committee after the fly-in. Dave asked we table further discussion until after the fly-in. Committee volunteer members, in addition to Dave, are Vince, Mike, Ernie, Bob, Rich, Deb, Chuck, and Henry.
 - Mike discussed a push to provide for a Flying Club, which would rent the new hangar space.
 - There was further discussion on future building plans. Storage space in existing hangar was discussed, Vince reminded that some possible rental space is used for tool storage.
 - Dave moved that no additional permanent space be used in the hangar without Board approval. Jerry seconded, 5 i's, motion carries. Plan will be brought back to the board.
- Mike said EAA has changed the rules on the matching funds on flying clubs, they say they will not be doing that now.
 - Michael Ryer requests that we take a few folks back to Oshkosh to discuss with National about flying clubs. On how they are structured under the EAA chapter.
- Ray Scholarship award, Starting in May we will be funding source for supporting student.
- Round Table - Vince talked about the trip to Seattle with youth, it was not a chapter activity.
- Mike ended meeting at 9:45

General Meeting 4/13/19

- Mike opened the meeting at 10AM and recognized those that helped complete the Tool Room and reconfiguring the meeting room.
- Mike talked about the possible future additional hangar addition and showed a possible floorplan for this.
 - Mike discussed a committee to help layout the plans for the future build. Mike is passing around a sign-up list for folks that want to help with the planning.
- Mike also asked for help to plan future meeting content. Help is needed to find speakers and follow up with getting commitments from them.
- Mike thanked the Daltons on their contribution towards the purchase of the new Presentation TV.
- Mike asked for first time visitors to introduce themselves.
 - Arran Miller - visitor
 - Scott Everson - new member moved from Arizona
- John - Treasury report

- Rich - Sec report - Membership update, we have 178 paid members, and 35 not paid.
- Vince - Facilities - Construction is done, he requested help this afternoon to pick up the rest of the tools from Zell.
 - Mike talked about the tables and chairs. The need will be in the future that these items will need to be replaced.
 - Question was asked about the policy of access to the building- Mike responded that any member that is an adult, you have access at anytime. Student members require to have an adult member with them.
 - Vince talked about new tools and training that will be coming for them.
 - Discussion about security and making sure doors are locked when no one is in the building.
- Dave Martin - Memorial Day event, Jeanne Wildman is looking for folks that would like to fly in the fly-by. Briefing will be held prior to the event. May 27th.
- Dave Ulman - Fly-in update Aug 16 - 18th. Meeting Monday at 7PM. Mike asked for idea for Speaker Forum for fly-in, looking for someone to run breakfasts.
- Dave talked about the Jabbaru Engine course, looking for folks that can host participants in their homes.
- Mike talked about the Ray Flight Training Scholarship. 393 was selected to put forward a candidate for up to 10K in flight training.
 - Michael Ryer worked to come up with a list of candidates, from that Anders Walters was selected. Michael had Anders sign the Scholarship agreement. Mike signed for the chapter. Anders is fired up and ready to start training.
- Youth update – Bill McLagan – The chapter received \$760 in credits for Young Eagles flights from National for 2018! This will be used to support Youth and Young Eagles activities.
 - We are looking for help with managing the upcoming Young Eagles event.
 - Chapter 292 has been selected by National to do a case study on how we run our very successful Youth programs.
 - Vince talked about training projects for youth, after Peddle Plane, we now working on the aluminum Wing section.
 - Bill asked for more Mentors for youth build projects.
 - Builder reports - Mike showed a video of the DH-2 taxing. Ernie reported it took 9 1/2 years to build. He will be a speaker at the fly-in.
 - Henry – The Chapter Lancair 4P, the wings were opened up to rearranged the tanks. Project progressing.
 - Ernie introduced about Dwain Harris who is building Harmon Rocket
 - A member I did not catch the name of reported on his Pietenpol in Salem with Model A engine.
 - Patrick Hatfield reports his Zenith 701 is almost done.
- Chuck West talked about the AV-20 display that just came on the market. He is looking for folks that want to try and do a group buy.
- Break
- 50/50 raffle was for \$96. New member won.
- Jerry introduced Lauran Paine who had a diverse Aviation background. He gave a very entertaining talk about air refueling operations in the KC-135
- Mike closed the meeting at Noon.



Lauran Paine discussing Air-to-Air refueling in the KC-135

Youth Activities Program (YAP)

Ray Aviation Scholarship – Michael Ryer, Program Coordinator

Our trip to having our first Ray Aviation Scholar was an interesting one. Let me give you a quick history of how we got where we are today. Back just before the turn of the year, EAA announced this new, chapter-based scholarship. I took the bull by the horns and, with the help of **Bill McLagan** and **Mike Kelley**, generated our application to National EAA. We received our official approval in early February, 2019, and began the process of selecting our Ray Aviation Scholar. Through the course of February and March, the leadership of the chapter designed and rolled out a program for selecting the Ray Aviation Scholarship candidate. In early April, the thirteen eligible young chapter members (ages 15 to 18) were identified. After another difficult rating and ranking session, the four finalists were selected.

My job, as Program Coordinator, is to do all the administrative functions needed to make the program work. Armed with the short list of names and the Chapter 292 application form, I worked with the four candidates and their parents to complete their applications. The completion process involved filling out the application and then interviewing both the candidate and their parents. The purpose of the interview was to make sure the candidate and parents understood their roles and responsibilities under the program. I then scored the applications, per the agreed upon chapter rubric, and the applicant with the most points was selected as the first EAA Chapter 292 Ray Aviation Scholarship Nominee.

I worked with the nominee to complete the National EAA application and helped get it submitted. This was no easy task since National EAA is still working bugs out of the process. At any rate, on April 11, 2019, **Anders Noah Walter** was awarded the \$10,000 scholarship to achieve an airplane single engine land private pilot rating. Anders will begin his private pilot training at Jeannie's Flying Service and will be flying with Mike Short, a member of our chapter. Below is a picture of Anders being announced and introduced to the chapter at the April, 2019, meeting (he's the tall one on the left, not either of the two old guys on the right).

Anders is one of our Teen Builders with over 800 hours devoted to building the Zenith 701. He is also the 2018 youth sent to the Advanced Air Academy by Chapter 292. As part of his responsibilities, Anders will be reporting to the chapter about his progress as he learns to fly. Anders has three months to solo and a total of twelve months to earn his rating. Let's all support him on this great adventure!



Anders, Mike Kelley, Michael Ryer

Youth Activities Program (YAP)-Debbie Origer, Director Emeritus and Rich Hoffmann, Director (As of May 1, 2019)

Silent Auction is getting stuff...Young Eagles in June...Zenith and wing tables being worked...and now the rest of the news...

Silent Auction – **Zel Giles** gave a tremendous gift to the chapter, a great and well-equipped metal working shop. Some of the equipment is surplus to the chapter's needs and will become part of the 2019 Silent Auction. All you wood-be chip cutters, get out your check book because there are some really neat tools and measuring equipment for auction this summer. Space has been found to store and organize the donations for the Auction. **Rich Hoffmann** can always use an additional minion or two. If you like working in this arena, now is the time to sign up since believe it or not, August will be here before you know it. Contact Rich to be a volunteer to make this one as great as last year's record event.



Kristen working the Zenith 701 door

Outreach – EAA Chapter 292 is making news in the school systems in Salem, Keizer and Monmouth/Independence. **Mike Ryer** has been making presentations in the schools and talking about STEM programs. If you want to be part of this fun experience, contact Mike Ryer at 503.364.3619 for more information for 2019.

Young Eagles Rally – June is only one month away and the call will go out for volunteers and flying machines. The assembled multitude, often between seventy-five and a hundred young people, will get a grand introduction to flying as recipients of Young Eagle rides. With our newly completed Pedal Plane T 6 joining the Eagle and Waco, our mini Eagles will have a lot of ramp time.

Get ready to respond to the call from Judy Yerian and come help out. It is a fun and active way to spend a Saturday. Watch this column and your e-mails for the dates so you can be part of this fun and informative experience.

Teen Aviation Weekend (TAW) – Our next TAW is scheduled for October 2019. For more information on next year's TAW, contact Michael Ryer at starkandryer@outlook.com or call at 503.364.3619.

Teen Build – Some of our teen builders are working on the Zenith 701 and some are building mini-wings. The 701 is nearly finished and the final touches are being added to the airframe, electrical and fuel system. As soon as the propeller and the cowl arrive, the airplane will be substantially complete and ready to begin pre-certification testing. **Bill McLagan** is driving this effort forward and facing the challenges of working without plans. These final details are not part of the plan set so this can be a bit challenging.



Vince Homer is leading the build of the mini-wings. This project is exposing our newest teen builders to the build requirements of aircraft manufacturing. They are reading plans, developing build sequences, drilling lots of holes and holding things together with clecos. Soon the skins will be ready for installation. When this project is complete, the new builders will be ready to start working on a real flying machine. Yep, that is Daniel wearing a cardboard Samurai suit.

We are also working on getting the flying club going. **Mike Ryer** is getting his CFI rating through Lane Community College and, once the time is flown off his new engine installation in the Rans S6S, our teen builders can begin to log some time and begin learning about flight. The overall process is being developed and soon, we will be reporting on how the club will be established, funded and so on.

If you are interested in becoming a mentor, please contact **Bill McLagan** or **Debbie Origer** for more information.

Teen Track – This new line item actually talks about an important part of the upcoming Fly-In Committee. We had a great turn out in 2018 and are planning to do it again in 2019. To that end, Debbie Origer is looking for volunteers to head the effort to put together the 2019 edition of Teen Track.

Scholarships – The Ray Aviation Scholarship is not the only game in town. **Nancy Larson** and **Debbie Origer** are managing the other scholarship programs for the chapter. Many young people have benefitted from the Chapter's awards and we have helped them work toward their dreams working in aviation and aerospace.

Finally... After reading about all the neat things which will be happening in 2019, if you are interested in participating in the YAP, contact Debbie Origer, Director of Youth Activities Program, at origer3123@comcast.net or attend the committee meeting on the evening of the third Tuesday of each month. The next one will be on **May 21, 2019**. The meeting will begin at 7 PM and we are notorious for having things to eat and drink at these meetings! In May, the leadership baton will be officially passed to our new fearless leader, **Rich Hoffmann**. Welcome aboard and thanks for stepping into the vital leadership role.





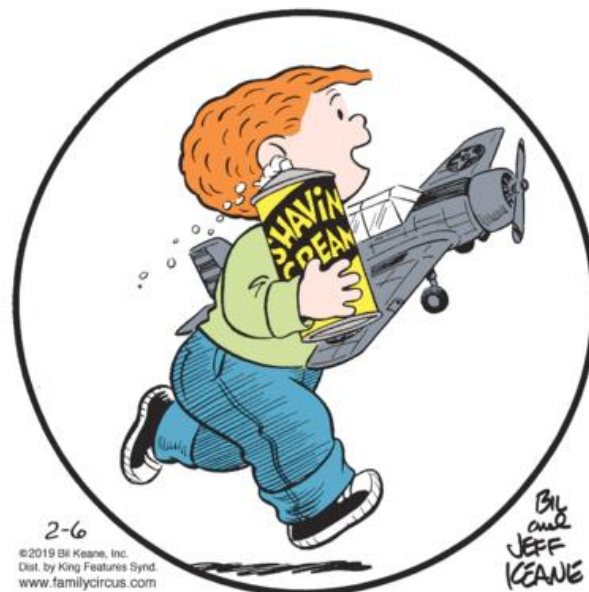
Anders working on 701 panel



Exhaust system installed on 701.

Teen Track Event during Fly-in

Teen Track will be held again this year at the Fly-In 2019 and Jeanne Wildman has graciously agreed to host this event in her hangar. Building on Mike Kelley's success from last year, **Patty Viall Auch** and **Debbie Origer** are busy recruiting presenters and developing the day's activities. We are fortunate to have an outstanding guest speaker whose presentation will be inspirational. Tracy Drain has worked at the Jet Propulsion Laboratory since completing her Master's degree in Mechanical Engineering at Georgia Tech in 2000. In her 18 years at JPL, she has participated in the development and operation of the Mars Reconnaissance Orbiter (a science and relay orbiter at Mars), the Kepler mission (searching for Exoplanets) and the Juno mission to Jupiter. She is now the Deputy Project System Engineer for the Psyche mission, slated to launch in 2022. Tracy is passionate about space exploration and loves taking every opportunity to encourage students to consider pursuing exciting careers in STEM fields.



2-6
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Bill
and
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"I'm gonna foam my runway!"