



# Squawk 902



Vol. 37 Issue 9

<https://chapters.eaa.org/ea902>

September



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## President's Message

### EAA 902 September 2024

We will be having our final BBQ at our chapter meeting on 11 Sept 2024; chow at 6:30 pm, meeting to follow. I would remind everyone that if your last name begins with A-M you are requested to bring a meal staple; N-Z please bring a dessert.

We have scheduled our annual Christmas dinner on Friday, 6 Dec 2024 at 7:00 pm. Guest speaker will be Lacey Pittman who will present some of the numerous challenges and experiences she had while flying for MAF in Africa.

The chapter is searching for 2-3 volunteers to ramrod the YE Build & Fly (West) effort. That project would be ideal for the remainder of 2024, but not required. We have just over \$500 left from National to use before the end of December. It could be used to purchase an additional RC model kit to be used in this program. The workshops would most likely be held in the clubhouse with a suggested maximum of four youth participants. If you have another idea as to how to wisely spend our remaining funds please let an officer know.

If you're interested in purchasing tickets for a chance to win a Lancair 32 RG please go to: [lancair-raffle.com](https://lancair-raffle.com)

The following request came in via email to our chapter. If you are willing or technically able to help perhaps you can get in contact with Scott.

*Hi all.*

*I have an Avid and a prebuilt wood rib wing set to which I'd like to add fuel tanks. I have the appropriate, original factory wing tanks. Apparently I need to cut out two or three ribs to make room for the wing tanks. This is outside my current skill set. I'm excited to do the work, but I could use a mentor to help me do it right. Even being able to exchange emails and photos would take me a long way.*

*Would someone in your group be interested in talking to me? Texting or calling is also fine.*

*I'm based at Fairways airport in Oregon City.*

*Regards,*

*Scott Cohan*

*Ph: 541-680-0498*

Also, Cesar is looking for help from an LSA CFI. Any chapter members with suggestions can contact him at:

*From: Cesar Delgado <beettlle@gmail.com>*

*Subject: Looking for LSA CFI*

*Hello Dave,*

*I've been taking helicopter lessons in McMinnville but have find out I might have issues getting my medical so I'm thinking if switching over to get a fixed wing sports license. I found your website and am wondering if you would know of any sports pilots instruction and, if so, if you don't mind putting me in contact with them.*

*I'm attaching my experience reports in case it helps. Many thanks for any information,*

*Cesar*

On 16 Aug 2024 our Ray Scholarship recipient soloed. Be sure and congratulate her on this major milestone. I'm sure there will be many more ahead for Kristen! Congratulations on your solo!!!

Thanks to Larry, Eric and Christine for getting the replaced siding painted. Turned out to be a good day to paint in spite of the fact that the Yellow Jackets combat air patrol nailed Christine twice near the front door handrail. The clubhouse looks great and the east wall will be improved in the future.

Philip Groelz will present September's Tech Tip at the meeting. Bring your note pads as he will enlighten us on P-factor and torque issues most prevalent during takeoffs.



On 14 Sept 2024 the chapter will host our final YE event at Mulino. Please volunteer for both pilot and ground support positions as the schedule looks to be full. The August event was canceled due to low ceilings and rain showers. I will be absent from this one on Saturday as Patty and I will be on the big island celebrating our 50<sup>th</sup> anniversary. As such I need a volunteer to bring some snacks and drinks. Be safe and have fun.

I am looking for ideas from the chapter for guest speakers and/or presentation topics for October and November meetings. Let me know if you have someone or a particular topic in mind.

Check six,

Dave

## EAA Chapter 902

Web Site: <https://chapters.eaa.org/ea902>

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## Show me the Money

### Show Me The Money

August 2024

Chapter balance as of 07/31/2024 ----- \$20,519.31

General fund balance as of 07/31/2024- \$13,113.56

Income --- Coffee/Pop ----- \$6.00

Expenses --- PGE----- \$44.09

Mower gas ----- \$39.00

Fun Fly BBQ ----- \$98.33

Fun Fly Awards ----- \$114.10

Work Party Pizza ----- \$55.99

Paint for siding project ----- \$183.90

General fund balance as of 08/31/2024 \$12,584.15

Young Eagle fund as of 08/31/2024 ----- \$2,061.30

Ray Scholarship funds:

Gavin --\$476.00 - \$320.00 = \$156.00

Jackson ----- \$788.45

Kristen -- \$4,400 - \$4,400 ----- \$0.00

Chapter balance as of 08/31/2024 ----- \$15,589.90



EAA Chapter 902, meets on the 2nd Wednesday of each month at 7:00 PM. (6:30 For BBQ's)

**Chapter Meeting: Next meeting on 9/11/2024  
At 7pm, BBQ at 630PM**

**David McGraw** is Chapter President and you can reach him at (503) 313-5142

### Directions to Mulino airport:

From I-205 take exit onto Hwy 213 south-bound. Continue on Hwy 213 to the town of Mulino. The EAA Chapter Clubhouse is about 1/4 miles past the restaurant, on your right.  
**13801 S. Darnell Rd.**

# BBQ, 11 Sept 2024



Mt. Hood Chapter 902 Experimental Aircraft Association  
General Meeting Minutes August 14, 2024

President Dave McGraw called the meeting to order at 7PM. About 22 members, guests and visitors were present.

The main event was a discussion of the results of the "Fun Fly". Daily Holman won the spot landing with video confirmation of his tires arriving on the line. No argument about that one, but the others were close. And Time Over Target where Dave humorously alleged cheating by GPS - and was vigorously denied. Good efforts and results. And the approach speed prediction challenged the contestants to know their "mounts."

More contestants for next year's event would make it even more fun.

Christine Stevens noted that she is starting to see several of the Young Eagles showing up multiple times for flights, with the result that some of pilots were feeling that it was becoming a "fun ride" for them. The members were in general agreement when Christine said she would notify the parents that she was canceling the registrations of those who have already had two flights - and why.

Clubhouse siding replacement: Demolition of the existing siding began at 7 AM on Monday, August 12; installation of the new siding continued into Tuesday.

The meeting adjourned at 8:24.

Mt. Hood Chapter 902 Experimental Aircraft Association  
Board of Directors Meeting Minutes August 21, 2024

President Dave McGraw called the meeting to order at 7:03 PM.

Present were Dave McGraw - President, Larry Stevens - Vice President, Philip Groelz - Secretary, Barbara Groelz, Cody Watkins - Webmaster, Pete Gauthier and Mike Harfst

Treasurer Steve Miller had sent his Treasurer's report to President Dave McGraw who read the details to the Board; it was approved as submitted.

The Board approved reimbursing President Dave McGraw for the nominal amount he spent on prizes for the Fun Fly event.

The Board declined a donation request from the IAC.

Dave noted the poor response for YE Build and Fly (West). To complete, the project spanned 8 sessions of two hours per session.

Our Chapter 902 has been awarded Gold Level status by the EAA HQ, and Dave hung our poster in the clubhouse.

Dave had arranged for Lacey Pittman to make a presentation about missionary flying at the Christmas dinner meeting on December 4. It was requested the date be reset for the first Friday, December 6.

Cody indicated he is working with HQ on the "Opportunities for Improvement" of the website.

The next Board meeting will be 7 PM on 16 October at the Arrowhead Legends restaurant.

The September meeting will be a chili "cook-off" and potluck.

The meeting adjourned at 7:58.

# Woman with wings

E. LILIAN TODD (12 June 1865 — 26 September 1937)

Originally from Washington, D.C. and later New York City, was a self taught inventor who grew up with a love for mechanical devices. The New York Times issue of November 28, 1909 identified her as the first woman in the world to design airplanes, which she started in 1906 or earlier. In 1910 her last design flew, test-piloted by Didier Masson.

The 1870 census lists her as “Lily”, living with her mother Mary and her sister Cora in the U.S. capital. Her father is not mentioned. A November 1909 issue of Women’s Home Companion, an autobiographical article mentions her grandfather (on her mother’s side), from whom she inherited her mechanical and inventive talent.

Todd received her education in D.C., and taught herself typewriting to earn a living. Her first job was at the Patent Office, but she left two years later to work in the office of the governor of Pennsylvania. She claims that she became the first woman to receive an appointment in the executive Department of that state. Then she went back to New York to continue her work with Patents, began to study law, and became a member of the first Women’s Law Class of New York University (circa 1890). In 1896, she was issued a patent for a typewriter copy-holder she shared with George W. Parker. Todd later worked as a secretary to the director-general of the Women’s National War Relief Association during the Spanish-American War.

After about 1903, Todd turned her attention to “mechanical and aeronautical toys.” She was further inspired after seeing airships in London and at the 1904 Louisiana Purchase Exposition in St Louis, as well as a sketch of an airplane in a 1906 Parisian newspaper. Later that year, Todd attracted national attention when she exhibited her first design at Madison Square Garden in an aero show. Olivia Sage, widow of financier and politician Russel Sage, was among those interested in Todd’s work. Mrs. Sage became Todd’s patron and gave her \$7,000 to design and build her aircraft. Todd’s first full-sized biplane began construction as early as the fall of 1908 by the Wittemann Brothers of Staten Island.



## AIRPLANE

The framework was constructed out of straight-grained spruce, the upper coverings of the wings were muslin, the lower covering was seven-ounce army duck. Piano wire held the wings together. The airplane had two seats, and was 36ft in length, powered by a modified Rinek motor.

Realizing the importance of of aviation, Todd started the first Junior Aero Club in 1908 to foster the education of future aviators. The club met at Todd's residence in New York, where her living room had become her workshop and was decorated by aircraft models of her own design and other mechanical toys. Todd was also credited with inventing and patenting a cabinet with a folding table, a cannon that could be triggered by solar power, a sundial, and an aeolian harp device that could be attached to a tree.

Todd wanted to pilot her own airplane and applied for permission at the Richmond Borough Commissioner of Public Works. She also considered applying for a permit to fly it anywhere in the United States. Her permit was denied. Nevertheless, on November 7, 1910 the aircraft made a powered hop of 20ft over the Garden City aviation field with Didier Masson at the controls, but proved unable to sustain flight.

Todd's career in airplane design ended abruptly after she was hired by Mrs. Sage in January 1911, despite Mrs. Sage's interest in aviation and the financing of Todd's biplane.

After the death of Mrs. Sage, Todd moved to Pasadena, California. Todd died on September 26, 1937. She was cremated and her remains were sent to New York and were buried in the Moravian Cemetery on Staten Island.

Submitted by DOWN WIND LENNY



# EAA VMC Club

## Question of the Month

### **This Month's Question and Answer:**

**Question:** What expenses can be legally shared by private pilots and their passengers while operating under Part 91?



## EAA Chapter 902 Photo Submissions



Picture of the month contest reminder

Mike Harfst

To date, we have had some, but not many, submissions for the aviation themed pictures for the newsletter. We would encourage everyone to dig out some photos and get them in. I have primed the pump with at least one aviation related picture each month but I'm not in the running for getting the Best Picture of the Year award. That award will go to someone the board votes for. The award will be a free year's dues for the 902 chapter in 2025. Not bad if you'd like to skip a year's dues. So, find an old one or take a new one and send it in, there are several months left. Each month we'll print all the monthly submissions so everyone can see them all.



Photo by Mike Harft

## September Picture of the month

Mike Harfst

Most of the pictures of the offshore rock at Pacific City (Google Earth has it named as Chief Kiawanda Rock) are from the beach. Several years ago, I took this picture of the rock from the ocean side. It was a test picture to see what the picture would look like near sundown. It looks good but would look even better with an airplane in the foreground. Ultimately, I am going to try to get an air-to-air photo shoot with another plane so we can both get similar photos with our own airplane in the foreground.

The Oregon Disaster Airlift Response Team (ODART) is doing a make-up exercise to deliver food and medical supplies from Aurora to Karpens on September 21 and we could use one more pilot. This delivery was to be a part of the exercise last June but because it had rained, the new grass made a slick surface so we canceled the flights into Karpens. If interested call or email Pete Gauthier, 503-710-4615, gauthier0421@msn.com . All pilots need to be signed up with ODART to participate, odartpilots.com, but I tried to open the registration site and it is “temporarily not available” If already signed up with ODART for a previous exercise they just need to check there profile to be sure it is up to date. Karpens is a 1,900 ft grass strip next to Hwy 30 about 10 mi east of Astoria. The grass strip has recently (this spring) been tilled, graded, rolled, and seeded. The grass is very short so wheel pants are not a problem.



In July I passed my first stage check and did my first solo flight! I have been doing lessons and soloed in a Cessna 172. Since my first traffic pattern solo I have done solo flights to the practice area to practice stalls, slow flight, steep turns, and general solo navigation. I have also started to practice cross country and 'under the hood' instrument time. So far on my cross country flights I have gone to Corvallis and back, and for my longer flight I was able to go up to Portland, over to Astoria, down to Tillamook, and followed the highway back to Aurora. During these next couple weeks I will be practicing night flights, night cross country flying, more instrument training, and hopefully doing my first solo cross country!





Received an email from William Hewgley's daughter as she is trying to find a buyer for his project plane, a Stinson 10A, flyable one pictured above. Here is some of the information she provided: "I am helping my father, who was a member for many years in the past, find a buyer for his 1941 Stinson 10A Airplane, an engine (0235-C1B) and several boxes of tools and instruments. It is a project plane, not ready to fly. All parts are there, in good condition and have been stored lovingly. The tools of note are a Cable Tensiometer (1945-ish), and Propellor Protractor. There is a box of rib stitching and covering supplies and tools (including pinking shears, some sort of crimper, puller/tightener. and there are a couple boxes of various items: instruments, pulleys, vents... I'll attach some photos of the 1941 Stinson 10A pieces, the Lycoming 0-235-C1B engine, tools, some boxes of miscellaneous stuff and a Mooney Mite Kit (M-18-X) with construction drawings, optional drawings and the assembly manual. A Lot of this stuff my dad got when my grandfather passed several years ago."



Should any chapter members be interested in purchasing this project aircraft you may contact Rebecca Shelton at 206.551.0932. She is not real sure of what a fair value would be on the components but here's her initial estimates in her emails:

I would love to put prices...but we really don't have a good idea of what to ask. We did some research but it's so hard to find everything.

I'm sure he would do a deal if someone wanted to just take everything. If anything here strikes you as way overpriced, or under priced, I would happily take your advice!

Dave.

## Chapter 902 Future Events:

YE Events (Mulino):

September 14



Fly/Camp Out:



## Bottle Drop: The Good, The Bad and The Ugly

I just wanted to remind everyone about the Bottle Drop and how it helps the Chapter. This program has been a great success for us. The money it brings in is the reason our dues have not had to increase over the last several years. Please keep up the donations.

That being said, in the past, I have gotten a couple of, not so subtle, reminders that not all of our bags have the appropriate containers in them. I collected bags out of the garage and did open one that looked pretty nasty. There were a couple of moldy coffee cream containers and others ( see picture) that did not belong in the blue bag.



So please watch what you put into the blue bags. Only Oregon bottles and cans that you paid a deposit on at the store. We don't want to lose this revenue.

Steve Miller

### Chapter Flyouts.

Link at. <https://chapters.eaa.org/ea902/yearly-fly-outs>

### Next Board of Directors Meeting

- OCT,16,2024

### Next General Meeting

#### Chapter 902

- Wednesday, sept,11, 2024 7:00pm
- BBQ @ 630PM

