It seems like I just get done writing my monthly column and it’s time to put pen to paper again. I enjoy writing a column for our On Final newsletter, but one thing I enjoy even more is our monthly Chapter meetings at our BSAEC hangar. We’ve had outstanding presentations lately, and great membership turn-out. I’ve received some nice comments from our guest speakers about how we seem to have an active Chapter compared to other Chapter meetings they have attended. They hear about our Young Eagle program, scholarships, IMC Club, etc., and they seem genuinely impressed with what we are doing.

I’ve mentioned before about Chapter build sessions you can attend almost every day of the week. I made it to Jerry Vecoli’s place of business last night and helped (a little) as they were working on Ned Lebens’ Pietenpol. The more folks that attend, the more fun it is. It is a fantastic way to get to know Chapter members better. You can learn about building airplanes, and you can even bring your son or daughter, a neighbor or co-worker.

John Schmidt mentioned in an e-mail to me how he recently reconnected with a young pilot that we sponsored to the EAA Air Academy in 2015. Matthew Davidson is now a CFI, instructing flight students while attending the Minnesota State, Mankato Aviation Program. How cool is that! It’s rewarding to hear about young folks we have helped, by fueling their passion for aviation and now they are living their aviation career dream.

Most of you have probably heard by now that one of our Chapter members received a very prestigious award at AirVenture this year. It’s our very own Young Eagle Coordinator, Kris Olson. Kris received the EAA Young Eagles Chapter Coordinator of the Year Award. Out of all the EAA Chapter coordinators, three were chosen. Congratulations Kris! Our Chapter was also recognized as a Chapter that has given Young Eagle rides for all thirty years of the Young Eagles program. I’m not just blowing smoke when I say we have a great Chapter. National EAA knows all about us.

A big announcement will be made at the October meeting. It has to do with a new President & Vice President. The good news is...it’s not me again. Blue side up.
This month’s Chapter meeting will be conducted on **Wednesday, October 19, 2022**, at the **BSAEC hangar** at the south end of Hotel Lane at **Airlake Airport**. The grill for our Potluck BBQ dinner fires up at **6:00 pm**. Bring a dish to pass or a $5.00 donation to cover the cost of the meat and staples. Our presenter will be Kerry McCauley, who has ferried many airplanes across oceans and around the world. Kerry has written a book entitled: “**Ferry Pilot: Nine Lives Over the Atlantic**” (2020). Kerry started out as a Minnesota National Guard UH-1H “Huey” crew chief and winter survival instructor. His taste for aviation led him to be an international ferry pilot, professional skydiver and corporate jet pilot. He’s flown about 50 different types of aircraft, has 9,000 hours of flight time and 20,000 skydives.

**September 21, 2022, Board of Director Meeting Minutes**

**Date:** September 21, 2022

**Place:** Mike York’s hangar

**Attendance:** Bruce Anthony, John Schmidt, Pat Halligan, Mike York, Greg Cardinal, Jim Fischer, Kris Olson, Gordon Duke

The following items were discussed, and decisions were made on some of the items, as follows:

1.) **Port-a-pot.** The decision earlier was to donate it to CAP. They want it and must move it before snow flies. If not, it will be sold.

2.) **Treasury report.** Gordon Duke reported the Chapter’s financial status for Richard Hedeen. He reviewed the individual accounts that contain Chapter assets. Both Richard and Gordon do an outstanding job keeping our financial records. We also discussed the Chapter’s expenses going forward. The chapter has a very comfortable cash balance, and the new hangar fund balance is over $32,000. We recognized the financial commitment our members have made to this Chapter.

3.) **Hangar rents.** We discussed hangar rent. The average monthly hangar rent is now over $225. The rent we currently charge renters is $160.00. Our costs have gone up over 7% in some of our hangar expenses. A motion was made and seconded to increase rent charged to $175 effective January 1, 202. The vote was 5 in favor with 2 abstentions. Motion passed.

4.) **New Hangar status.** Pat reported that Morton Builders has indicated that prices have stabilized. We are waiting for the prices to start to come down as forecast.

5.) **Ray Scholarship.** John Schmidt reported that Ana Paulson has soloed and is working on her night and cross-country flights. Payments to cover Ana’s flight training need to come from EAA. John is working on the paperwork with EAA to have them send Ray Scholarship to our Chapter to pay AV8 Flight School for her flight training invoices.

6.) **Young Eagles.** Kris reported that weather has been a factor in flying Young Eagles this year. We flew 20 kids with only one pilot at the September YE event. We need more YE pilots and ground crew volunteers. We discussed options to encourage more volunteers. There is an EAA video Chapter members should view to see the benefits YE volunteers provide to Young Eagles.

7.) **Holiday party.** Chapter member Mike Tompos offered to host a Chapter party at his housing complex after December. More news to follow later. Pat Halligan reaffirmed that he would coordinate a Chapter banquet on a every other year basis (odd years). So, this year is an off year.
8.) Jackets for selected members. The Chapter has provided a jacket to Presidents in the past as a thank you for their service. Mike York is the past President, and a jacket needs to be made for him. Also, Kris Olson, was recently awarded “YE Chapter Coordinator of the Year” for 2022. It was decided that she should have a jacket from the Chapter to recognize her award and as a thank you for her service. Jim Fischer has offered to find a vendor to make two customer jackets.

9.) EAA Air Academy. Pat and John brought up the idea that the Chapter has earned credits through our YE flights to send kids to Air Academy Summer Camp at EAA Oshkosh next summer. We need to identify kids in the next few months to register and use these credits rather than wait until next Spring. This was agreed by all.

10.) New Chapter Officers are needed. Pat Halligan is the temporary President until January. No members have volunteered as of yet to fill the President and Vice President positions. We discussed ways to get members to step up and fill these positions.

The following report of EAA Chapter 25 Board of Directors meeting notes was taken by Jim Fischer. If any additions, corrections, or deletions are needed, please contact Jim Fischer or any other officer to make the revisions.

Respectfully submitted,
Jim Fischer

September 21, 2022, Chapter 25 Meeting Minutes

Call to Order: Pat Halligan called the meeting to order at 7:00 pm. Gary Stinar led us in the Pledge of Allegiance. Pat thanked Gary for his efforts coordinating our BBQ Potluck every month. Feel free to volunteer to give Gary a hand next month. Pat reminded members that Jim Ladwig and Dale Johnson would appreciate rides to Chapter meetings. Give them a call and offer to pick them up.

Visitors: Brian and Zoe Finn, from the University of Dubuque, IA. They have a daughter studying aviation at the University of Minnesota, Duluth. They are volunteering at the Girls in Aviation Day, September 24, 2022, at the Stars of the North organization at Flying Cloud Airport. They are expecting over 2,000 girls, so volunteers are needed.

Jessica Belchoir, from Women in Aviation at Stars of the North. She mentioned their need for men in their organization to help women achieve their goals.

Ellen Quist, from the 99’s organization which has over 4,000 members Internationally. They provide aviation mentorship opportunities to women. She flew a Warrior to the meeting from Anoka.

Ava Cajune, a United Christian Academy freshman, is working in a simulator with Chapter 25-member, Gene Poole.

Loren Jones, who is a long-time aviator, lawyer and Chief Flight Instructor at Flying Cloud.

New Hangar: According to Assistant Treasurer, Gordon Duke, the price of hangars is increasing. Pat Halligan mentioned that the Chapter should pursue fund raisers from outside entities.
Treasurer’s Report: Assistant Treasurer Gordon Duke reported that Ch. 25 accounts are current, and all invoices have been paid. He gave a full report to the Board of Directors today.

Young Eagles: Kris Olson, Young Eagles Coordinator reported that Chapter 25 flew 20 kids on September 17, 2022, with only one pilot, Keith Treptau, and a small ground crew. The next YE Event is scheduled for 10/15/2022. Girls in Aviation is scheduled for Saturday, September 24, 2022.

Pat Halligan reported that Kris received one of the EAA Young Eagle Coordinators of the Year awards. The Board expressed gratitude to Kris for her efforts coordinating Young Eagle events for eight years now and is planning a big celebration for Kris next month. Pat also reported that Chapter 25 was recognized by national EAA for conducting Young Eagle events every year from the inception of the Young Eagle program 30 years ago.

Pat said that now is the time to encourage kids to register for EAA summer camp in 2023. We can partially sponsor kids from credits we receive from EAA for flying kids in our Young Eagle events.

Build Projects: Jerry Schiroo reported on the Glastar build project. A new build project, member Ned Lebens’ Piet (now our 3rd Piet in progress) is underway on Wednesday evenings at Jerry Vecoli’s shop.

Fly/Drive Outs: No reports.

New Business:

Scholarship Update: Ana Paulson, United Christian Academy student and recipient of the EAA $10,000 Ray Scholarship, flew her night flight. She has between 40-50 flight hours. She is now planning her cross-country flight.

FAA Wright Brothers Master Pilot Award: Pilots having 50 or more years of civil and military piloting experience or 50 or more years combined experience in both piloting and aircraft operations qualify for the FAA Wright Brothers Master Pilot Award. Up to 20 years of the required 50 years may be due to U.S. military experience. Pat Halligan and Reggie Roorda now qualify for the Master Pilot Award.

Chapter Banquet: Pat Halligan reported that we will not have a banquet this year. It is a lot of work so the Chapter will go to an every other year schedule. Members can volunteer to coordinate a Chapter banquet next year. Gary Powers, Jr., who spoke at our banquet in 2021, is sponsoring a Cold War Espionage Tour of Germany and the CZ Republic, March 19-28, 2023. Sign up online by November 10 at CHA Educational Tours.

Tool Crib: Greg Cardinal has arranged for the Chapter to obtain a Magneto Synchronizer for our Tool Crib. Mark Elliot suggested that members can save on parts and shipping cost by combining orders from Aircraft Spruce.

Chapter Officers: Pat Halligan stated that we need members to step up to the plate and volunteer to be President, Vice President and On Final Editor next year.

Presentation:

Denis Schoemaker, owner of Gyro Technic in Kasota, MN, near Lake Washington, NE of the Mankato Airport talked about and displayed two of their Gyroplanes. He talked about the Company’s passion for robotics, tooling, custom automation, and machining aluminum. He discussed the physics behind Gyrocopter design and how they fly. Their gyroplanes can be built in about 40 hours and can be done right in their shop, just 60 miles from Airlake Airport. Gyro Technic offers an “Assist to Build” program where you build your gyroplane in one week of 12-hour days. Their technicians give you the next part to assemble. You put it together yourself with a technician’s tutelage, giving you an intimate understanding of how everything works. The ATB program includes on-site
lodging, working in a nice, clean shop with access to their full staff. You can build one for $24k - $40k, depending mostly on the instrumentation you want. Denis feels that most people are over instrumenting.

He said that a gyroplane is not a helicopter. The blades are not powered by the engine. The lift comes from the blades rotating from relative air coming in and up from below them whereas a helicopter pushes air down. Helicopter and auto rotation rotate in opposite directions. The advancing blade lifts more than the retreating blade. Gyrocopters don’t hover and should be thought of more like flying a jet ski in the sky. Dual gyroplanes are in the design stage.

Gyro Technic’s models are designed for 65 hsp and 100 hsp Rotax engines with four-stroke reliability. Gyroplanes cruise at 55-65 mph. On takeoff, the blades rotate around 150 rpm. Crosswinds are not a problem; you can land sideways. Rotor management upon takeoff and landing is the trickiest part, but basically, they are very stable, forgiving machines. Pilot training is a problem. There aren’t many flight schools, and they are mostly in Florida, but Gyro Technic is working on getting local training schools. Insurance is hard to get.

More information, photos and videos are available on their website: https://gyrotechnic.com. You can also take a short drive down to Kasota, MN to visit their shop. This is a Minnesota manufacturing company. Denis, or one of his pilots will fly one of their gyroplanes up to a Chapter meeting next summer.

Adjournment: The Meeting adjourned at 8:45 pm.

Respectfully submitted,
Kim V. Johnson, Acting Secretary
IMC Club Update

IMC Club meetings are on the second Wednesday of each month; our next meeting is scheduled for November 9, 2022. Contact Terry Carmine for more information at tlcarmine@gmail.com. All are welcome to attend.

Q: In 1965, 19-year-old Brian Robson wanted an ultra-low air fare to get from Australia to London, so he made himself a box to get the cheaper rate. How did his making a box help him get a lower air fare?

(answer on page 8)

Young Eagles Update

by Kris Olson

Our Young Eagles group flew 20 kids on September 17th at Airlake Airport. The pilot was Keith Treptau. We had another pilot signed up, but he had a maintenance issue, so was not able to fly. The ground crew were Ron Hoyt, Marsha Drake, Mike Drake, Mark Schulz, Ana Paulson, Julie Paulson and Kris Olson. Keith and our ground crew were able to stay longer than our usual rides time so all the kids that had signed up were given rides. The temperature was in the 70s and the winds were light in the morning and a little stronger midday.

Our next Young Eagles ride event is Saturday, October 15th. We have several pilots signed up to fly and lots of kids signed up to get rides through EAA's online registration web site.

I shared an EAA Young Eagles table with EAA Chapter 54 Lake Elmo and EAA Chapter 1229 South St Paul at the 8th Annual Girls in Aviation Day event at Flying Cloud Airport in Eden Prairie on Saturday, September 24th. The event attracted 1900 kids and parents. It was hosted by the Stars of the North Women in Aviation Chapter. We had a lot of interest from attendees at our table.
Airlake Airport News
From Blaine Peterson
Airport Manager, Airlake/Flying Cloud

With the pending weather pattern changes, the MAC Plumbers winterized the wash pad for the season on Friday, October 14, 2022.

For Sale:

Ercoup: Contact Corey at 507-995-9365

Upcoming Chapter Events

Wednesday, October 19, 2022: Chapter Meeting; 6:00 pm – 9:00 pm; BSAEC

Wednesday, November 16, 2022: Chapter Meeting; 6:00 pm – 9:00 pm; BSAEC

Saturday, November 19, 2022: Young Eagles Event; 9:00am – noon; BSAEC

December: No Chapter Meeting or On Final newsletter in December. Take a month off, except for paying your 2023 Dues. More information will be forthcoming on a holiday party.
Airplane Build News:

This section is to provide an update on the status of all Ch. 25 build projects so that we can all marvel at the airplanes under construction. Please contact the editor if you have a project you would like included. Current pictures are preferred.

**Pietenpol1 (2010):** Surfaces have been primed. We are researching Stewart System hints, planning colors and hope to spray the final coats yet this Fall.

**Pietenpol 2 (2018):** A new head and crankshaft seal will be installed this winter.

**Pietenpol 3 Fokker Piet (2020):** Repairing ground loop damage.

**Pietenpol 4 (2022):** Material for the empennage was milled to shape using a router table. The elevator jig was laid out on a piece of 3/4" MDF and most of the beam material cut to fit. Piet 4 is being built at Jerry Vecoli’s Shop, Wednesday evenings 6:00 pm – 9:00 pm, followed by wing-leveling. All Ch. 25 members are invited to
attend. Jerry’s workshop address is 8108 Pillsbury Ave. So. in Bloomington (South side of 494 between Lyndale and Nicollet and 2 blocks south of Home Depot and Sam’s Club).

Zenith STOL CH 701 (2017): The 701 is flying. Several owners have been able to get checked out in it.

Glasair Glastar (2021):

Moving along on getting the rear door fitted and installed. Working on the wemac forward Gasper air vents. The Glastar is being built at Jerry Schiroo’s Shop, Tuesday evenings 6:00 pm – 9:00 pm; Thursdays 1:00 pm – 5:00 pm; Saturday’s 9:00 am – noon. Ch. 25 members are invited to attend. All members and friends are welcome. Contact Jerry Schiroo: jerryschiroo@msn.com with any questions and location information.
Trivia
(from page 4)

A: Enlisting the help of two friends, Robson's box, 26 inches high, 38 inches long and 26 inches wide, became his home for 96 hours. He shipped himself in a homemade crate as air freight. He took along two bottles (one for water and one for...... ahem), a pillow, and a torch. At one point, Robson discovered that the freight handlers did not read the 'this side up' on the crate and spent 22 hours upside down. Instead of his planned direct route, the crate got diverted to Los Angeles, where someone saw his eye looking out a knothole and extricated him. After a stint in the hospital, he got a plane ride home - seated in coach.

Incredibly, Robson was 'inspired' by Reg Spiers, who had done the same stunt the year before, in 1964.
“Omissions are not accidents”
Marianne Moore
Poet (1887-1972)
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Submission deadline: 1st Wednesday of the month. New or renewal Chapter memberships ($25/year) should be addressed to: Mike C. York, 15860 Jocko Ct., Shakopee, MN 55379-7512. Membership forms can be obtained from the Chapter 25 website: www.eaa25.org. Permission for other EAA Chapters to use the non-copyrighted portions of this publication is hereby granted provided the source is acknowledged. Any copyrighted material that appears in this newsletter is with the permission of the acknowledged copyright holder. Any further copying must obtain the permission of the original copyright holder.

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