Chapter 25 members:

This month’s chapter meeting will be conducted on Wednesday, April 20, 2022, at the BSAEC hangar at the south end of Hotel Lane at Airlake Airport. The grill for our Potluck BBQ dinner goes on at 6:00 pm. Bring a dish to pass and a $5.00 donation to cover the meat and staples.

This is 2022 Ch. 25 Scholarship Fund donation month. See Jim Fischer’s article on page 7 and send your donations to him. As you will note from the testimonies of the kids that came to our meeting in March, our scholarships are an important part of the Ch. 25 mission. Your donations to the Ch. 25 Scholarship Fund do make a difference in their lives. The scholarship drive will end 4/30/2022.

Chapter 25 has been awarded GOLD level recognition status from EAA for 2020 and 2021. The program was developed based on 11 criteria consistently found in active and highly engaged chapters. See the letter from John Egan, Sr. Manager, EAA Chapters on page 10.

Please contact a Board member to volunteer to find a speaker and lead a Chapter Meeting at one month’s Chapter Meeting this year.

March 16, 2022 Chapter 25 Meeting Minutes

The meeting was called to order By Greg Cardinal at 7:00 pm. Gary Stinar led the Pledge of Allegiance followed by a moment of silence for those who have paid the ultimate price for our country. Greg mentioned that 2022 EAA calendars are still available. Let us know if you need one for your office, garage, shed, shop, lake home, etc. They cost $10. Greg also reminded us that flying season is almost here. You can find a list of fly-outs in the On Final or organize one for Ch. 25 members yourself.

Leadership: Marsha Drake gave an appeal for a Chapter member to step up and assume a Chapter 25 leadership position.
**Treasurer’s Report:** Kim V. Johnson, Ass’t Treasurer while Richard is on vacation, reported that all bills have been paid and that our General Ledger reconciles with our bank accounts at U.S. Bank. He informed us that there is currently $23,688 in our new hangar savings account after our 2022 Membership Campaign.

**New Hangar:** The cost of a new hangar is currently estimated to be $300k and our current hangar can be sold for about $150k so we would need to make up the $150k difference from our new hangar savings account and a commercial mortgage loan. Commercial mortgage loan rates are typically a point or two higher than residential mortgage rates. The cost of material and labor are stabilizing a little after the break in the supply chain due to COVID, but interest rates are slowly rising. There has been no activity in hangar land purchases in the new hangar area so there is no need to take action now, nonetheless, our New Hangar Committee is watching developments closely.

**Scholarship Drive:** Jim Fischer, acting Scholarship Drive Coordinator, reported that the 2022 Scholarship Drive began March 1, 2022 and runs through April 30, 2022. Jim reminded us that we have three scholarships this year, one to a UND student for $1,500 which is matched by Carefree Capital (formerly the Ken & Betty Dahlberg Foundation); a second scholarship to a UND student for $500 which is matched by the Kevin Gruys Aircraft & Marine Insurance Agency; and a third scholarship for $1,500 to a Minnesota State University, Mankato student which is currently unmatched and solely in the name of Chapter 25. Therefore, our commitment this year is to raise $3,500 and we can achieve that goal with a $50 donation from all members. The Scholarship Fund has accumulated about $2,100 from this year’s membership drive so far, so more is needed to reach our annual commitment. A donation form was included in the March On Final. All members are welcome to donate what they can, including those who have already donated with the Bundled Dues, Scholarship and New Hangar approach this year. Two members from the Ch. 25 Scholarship Century Group (members donating $100 or more in 2021) will represent Ch. 25 at the Minnesota State University – Mankato Scholarship Banquet in April.

**Project Updates:**
Piet 1 (2010) – Surfaces have been primed. We hope to spray the final coats this summer.
Piet 2 (2018) – The rebuilt Ford Model A engine has been run and all appears to work fine.
Zenith STOL CH 701 (2017) – About 30 of the 40 hour flight testing requirement has been completed.
Glasair Glastar (2021) - Is under construction 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 and help. Contact Jerry Schiroo with any questions and location information: jerryschiroo@msn.com

We would like to provide an update for all Ch. 25 member projects. Please contact Kim V. Johnson at kvince2962@hotmail.com to provide a report so we can all marvel at the airplanes under construction.

**Guests:** Ana Paulson, Drew Emberland, Everett Peters, Maddie Skatrud (all from United Christian Academy).

**United Christian Academy (UCA) Aviation Program:**
Chapter 25 member, Gene Poole, a teacher at UCA, showed a video that demonstrated some of the Aviation Program activities that he developed at UCA. The video demonstrated an exercise John Schmidt supervised in which the students push a tricycle in a forward orientation and a backwards orientation. The intent of the exercise, timed with a stopwatch, is to give the students a feel for the falling leaf maneuver many flight instructors use to teach the importance of the rudder control desirable in order to safely fly a tail dragger.

Gene announced that UCA student, Ana Paulson, was awarded an EAA Ray Aviation Scholarship in March. The EAA Ray Aviation Scholarship is funded by the Ray Foundation, managed by EAA, and administered through the EAA Chapter network. Through the generous support of the Ray Foundation, this scholarship will provide Ana up to $10,000 for her flight training expenses. Ana has completed about 20 hours of flight training and is very close to her first solo. Her plans are to achieve her private pilot license around the time she turns 17 in October. This will be the second Ray Scholarship Ch. 25 has administered. Ch. 25 administered a Ray Scholarship for Noah Reardon in 2020.
Drew Emberland graduated from UCA two years ago and is a student in the Minnesota State University, Mankato, Aviation Program. He is currently working on his IFR rating and commercial license. Ch. 25 awarded Drew $200 to attend ACE Camp which became the jump start to his decision to enroll in MN State, Mankato’s Aviation program. (See his thank you note below).

Everett Peters also graduated from UCA and did some pilot training at MN State, Mankato. He is currently reassessing his career interests.

Maddie Skatrud is a senior at UCA. Last year she received a $10,000 scholarship from the EAA You Can Fly program. She will be attending UND, majoring in aviation this Fall. She has over 20 hours of flight training and plans to complete her private pilot license this summer before going to college.

Presentations:
Gregg Guider gave a presentation about participating in the 2021 ArkanSTOL Race in the Carbon Cub he built. Greg is a contract pilot who flies with Ch. 25 member Reggie Roorda. He comes from an aviation family. His grandfather flew a B26 in WW II. Gregg soloed at age 16. His Carbon Cub has a Lycoming 363 engine.
Gregg showed us an exciting video of the tough 4-legged pin-point course at Byrd’s Adventure Center, 45 miles SE of Fayetteville, AK. He said it was immensely rewarding to fly this race in an airplane he built. Put September 28 – October 2, 2022 on your calendar if you wish to watch the fun-filled event person this Fall.
Respectfully submitted,
Kim V. Johnson, Acting Secretary

Dear Lakeville EAA Chapter 25

I wanted to thank you for the $200 scholarship that you provided for me. I really appreciate it! Some of my favorite experiences from ACE Camp include flying a helicopter, glider and airplane – all firsts for me. The C-130 flight was also really special and a super cool experience. I also really enjoyed going and getting to try out the simulator that commercial pilots use to help train. Going into this camp I still felt unconfident of what I wanted to do for my future. I had an interest in aviation but was still unsure if it was the right choice. However, this camp showed me that pursuing aviation is right for me. This camp gave me the confidence that I didn’t have before.

Thanks again!

Sincerely,
Drew Emberland
March 16, 2022

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Young Eagles Update
by Kris Olson

We have our next Young Eagles rides event on Saturday, April 16th 9 am to 12 pm at Airlake. We can fly from the FBO. Pilots, please park in the marked parking spots (yellow X spots) on the ramp, as the flight school is pretty busy with flight training and doesn’t want parking by the FBO doors. It has been pretty cloudy in April. Hopefully things will be nice, so we can hold our rides event.

I am hoping we can get at least 3 pilots to give rides. I have several kids interested already for April. I will create the [veday.org](http://veday.org) sign up and pilots can note if they are available. I will open up more kids registration seats, as pilots respond that they are available.

For our May Young Eagles, we will move the date to the 2nd Saturday May 14th, so everyone can attend the Minnesota Pilots Association GMAG in Buffalo, MN (May 20-21) if they want to. Also, I have plans for the weekend of the 20th, as I am going to a wedding out of state. The last weekend of May is Memorial Day weekend, so that would probably not work for most people and would be hard to get kids signed up.

Let me know if you can fly kids and if you can help with ground crew.

**Note:** Before you can fly passengers in the EAA Young Eagles program, you are required to complete the EAA Youth Protection Policy, which includes a short online training session and basic background check.
IMC Club Update

Meetings are on the second Wednesday of each month; our next meetings are scheduled for May 11th, and June 8, 2022. If you are interested contact Terry Carmine for more information at tlcarmine@gmail.com.

Q: The 23rd Bombardment Squadron flies B-52's out of Minot, North Dakota. Why would their squadron patch depict planes bombing a volcano, when there are no volcanos in North Dakota?

(answer on page 5)

Student Handles Loss of Throttle Control on Final
By Niki Britton, AOPA eMedia Content Producer, March 8, 2022

College student and student pilot Akash Aggarwal was flying solo and on final approach to Watsonville Municipal Airport in California in January when an attempted power reduction sent the engine revving to full power—and further throttle adjustments had no effect.

“When I was about five miles out, when I pulled back on the throttle and the rpm went over 2,800, which is the max…that’s when I realized something was wrong.”

Aggarwal aborted his landing and began circling nearby to troubleshoot the throttle. Realizing that he had completely lost throttle authority, Aggarwal contacted 121.5 and declared an emergency. There was no response from air traffic control as radio coverage in that area can be spotty, but two pilots from FedEx and Alaska Airlines quickly offered Aggarwal a few suggestions.

After a few more minutes of circling and still being unable to reach ATC, Aggarwal switched over to the Watsonville common traffic advisory frequency for help. LiveATC recorded Aggarwal’s initial request: “Watsonville traffic, November-four-niner-niner-three-one, still about four miles out of the Runway 20. I think I’ll have to cut the engine when I’m going in for landing [be]cause right now I have no throttle control. I cannot land with 100 percent power.” Within seconds, a CFI came on the frequency to offer assistance.
ATC was eventually able to contact Aggarwal via other aircraft in the area to see if he would like to receive emergency equipment, which Aggarwal declined at the time. In hindsight, Aggarwal said, “I should not have been scared to get equipment, that was one thing I didn’t do that I should have done.”

After a few minutes of speaking with the CFI, it was decided that Aggarwal would use the mixture to control engine power and descend into Watsonville. According to Aggarwal, he attempted to restart the engine at about 800 feet on final, but was unable to do so. Ultimately, he landed the aircraft safely and cleared the runway.

Recalling the incident, Aggarwal says he’s learned to stay calm and be a lot more organized in the cockpit. “I could have been a little more calm. I did sound pretty calm, but there was still a lot of panic inside of me … I lost my checklist at the worst possible time … which got stuck under my iPad. Something I want to do is have my cockpit a little more organized.”

Aggarwal hasn’t shied away from aviation since the incident. “I actually had a night flight scheduled the very next day. The second I landed I called my instructor. He said, ‘Are you free tomorrow?’” Aggarwal responded, “Yeah! Let’s do it.”

Aggarwal has his checkride scheduled in April. “After that I’m going to work on my instrument rating, because I feel like that’s going to make me a safer pilot. I just want to keep pursuing aviation as a hobby for as long as I can.”

2022 Chapter 25 Scholarship Fund Drive
By Jim Fischer

Once again, Chapter 25 is starting its annual Scholarship Fund Drive. We all wish to be back to normal, but for now, again, this drive will run through the newsletter. We as a Chapter co-sponsor/sponsor scholarships at two different universities, University of North Dakota and Minnesota State University – Mankato. Our Chapter name is in the title of each scholarship. These are for students who are working on a degree in aviation and are pursuing their dream to work in aviation. There are two UND scholarships we cosponsor and share half of the cost. The first one is for $1,000 and the second one is for $3,000. The Chapter now has one scholarship in our name at Minnesota State University, Mankato, which we sponsor 100%. The total value of this scholarship is $1,500. The total annual obligation for our Chapter is now $3,500, which is only possible through your generosity. With the Young Eagles program, our scholarships are probably two of the most important things our Chapter does for the community.

In order to fulfill our annual obligation, we normally request members to make a $50 donation to the Scholarship Fund each year. For the second year now, Chapter 25 has offered a bundled dues, scholarship and new hangar fund donation for $125, in which some of you have participated. The bundle includes your annual Chapter dues ($25), a scholarship donation ($35) and a new hangar fund donation ($60). To those donate on a bundled basis, I say, thank you. There is no rule which prohibits you from making an additional donation to the Scholarship Fund at this time. For those who want to donate separately, not using the bundled approach, please donate now.

As in the past years, donations of $100.00 or more to the Scholarship Fund place you in what we call the Century Group for the year. A number of Chapter members have entered this prestigious Century Group. To those who are part of this Group, I say thank you very much once more.

If you are unable to donate $50.00, then donate what you can, but it would be wonderful to have 100% participation in this worthy cause. 100% of your donation goes to the scholarships we co-sponsor with Carefree
Capital (fka the Ken & Betty Dahlberg Foundation) and the Kevin Gruys Aircraft and Marine Insurance Agency and is tax deductible to the extent allowed by tax law.

There are two ways you can make your donation this year. First, write a check payable to “EAA Chapter 25 Scholarship Fund” and mail it to me with the donation slip below. The second way is electronically through the GiveMN processing organization. To do so, go to “www.GiveMN.org”. On the “Find a cause to support” line, type “EAA Chapter 25”. Click on our Chapter’s icon which will display. Scroll down past the first “Donate” button to the “Campaigns supporting this organization” and click on the “EAA Chapter 25 2022 Scholarship Fund” on left side of the page. Then click on the green “Donate” button and enter the requested payment information. GiveMN does have a small service fee and you can choose to take it out of your donation or include it in your donation so that Ch. 25 receives the full value of your donation. You will be sent a confirmation email for your records thanking you for your donation.

THANK YOU FOR YOUR TAX DEDUCTIBLE DONATION
************Cut here and include a completed slip with your Scholarship Fund donation************

Mail this form to: James Fischer, 17107 Jasper Lane, Lakeville, MN. 55044

Make your check payable to: EAA CHAPTER 25 SCHOLARSHIP FUND

Your name: ________________________________________________________________

Amount of donation for Scholarship Fund Drive: $________________. ________

Your email address: ____________________________________________________________

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Scholarship Reception, April 5, 2022
Minnesota State University, Mankato
By Marsha and Mike Drake

Pictured below are Marsha and Mike Drake with Keegan Gilbert and Nick Hauck at the Scholarship Reception on April 5 at MSU. Keegan and Nick are aviation majors, both with aspirations of becoming commercial pilots. They are the 2021 recipients of scholarships which EAA Chapter 25 provided in combination with Kevin Gruys Insurance Agency and Schmidt Family Aviation Scholarship.

Keegan has a geography minor in addition to the aviation major, and his ultimate goal is to be flying for Delta Airlines. He has traveled extensively because his mother worked for Delta, and he’s taken advantage of the opportunity to visit other cultures. He will graduate in Spring 2023 and plans to be flight instructing while working toward that future goal of flying the A330 or A350.

Nick has earned his CFI certificate as well as logging 700 flight hours while at MSU. He’ll be graduating this year and plans to continue instructing, then working for a regional airline, and eventually moving on to captain of a major airline. His most meaningful experiences have been the flight labs (programs for earning certificates and ratings), various flight activities, and competing in national aviation events as a member of the Maverick Flight Team.

MSU’s aviation program has grown to nearly 600 students since it began and continues to attract more young people each year. The program partners with nearby North Star Aviation located at the Mankato Regional Airport.
North Star owns the aircraft the aviation students fly and provides work experience as well. Nick is currently an employee of North Star, instructing on a weekly basis. North Star recently sold their last aircraft with the “six pack” of steam gauges, leaving all students with instruction and flights on the G1000 instrument panel.

This year’s Scholarship Reception was the first university-wide event, with several hundred donors and recipients present. Previously there were separate events for each division. The April 5, 2022 program was informative and inspiring, with talks from the University president, and current and alumni recipients who have benefitted from scholarship assistance. Overall MSU was able to award over $2 million in scholarship funds for this academic year.

The 2022 scholarship recipient of EAA Chapter 25’s donation is to be selected in the next few weeks, but we won’t know until July who the lucky future aviator is. Our contribution won’t be shared with another sponsor, so we will be the sole donor for $1,500 to one student. It’s a great program to be a part of, and as members of Chapter 25, we should all be proud to be helping these young, enthusiastic students with so much potential for the aviation world. We look forward to meeting the new recipient later this year!

Trivia
(from page 6)

A: In 1935, the squadron, which was then based in Hawaii, in an attempt to stem the flow of lava from destroying Hilo, Hawaii, dropped 40 bombs from 10 Keystone B-3 and B-4 biplanes on an erupting Mauna Loa. 10 Keystone B-3 and B-4 biplanes carried out the mission, which was considered ineffective, although the lava flow did eventually stop.
Chapter 25 Awarded Gold Recognition Status from EAA  
By John Egan, Sr. Manager, EAA Chapters

Congratulations to your chapter in successfully reaching GOLD level status recognition for the combined 2020 and 2021 years. EAA is happy to present you with a chapter recognition banner to proudly display where your chapter meets. Your level also will be displayed online at EAA.org/FindAChapter with a specially designed emblem. You are encouraged to use your emblem on your website, newsletter, and other promotional materials.

This program was developed and measured in partnership with EAA’s Chapter Advisory Council, and is based on 10 criteria that are consistently found in active and highly engaged chapters. Due to 2020 and 2021 being challenging years for chapters to maintain a high level of engagement, these years have been combined into a single recognition period. This was done to help chapters have a longer period of time to engage in the 10 criteria. An additional 11th criteria point was included this year to help offset the unique challenges associated with limited social engagement and to observe unique chapter approved activities. Each criteria is worth a point, and there are three levels of recognition: bronze (7 out of 11), silver (8 out of 11), and gold (at least 9 out of 11).

1. Attends a chapter leadership training session  
2. Growing or steady membership  
3. Offers IMC or VMC Club programs  
4. Participates in Young Eagle or Flying Start programs  
5. Has an 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, Ray Aviation Scholarship program, or sends a youth to EAA’s 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, a chapter tool crib, IAC competition, etc.

Chapter 25 scored 11 out of 11 points in the combined 2020 and 2021 Recognition Program. To learn more about this program, how scores are calculated, and view other GOLD Chapters, please visit EAA.org/ChapterRecognition. If you have additional questions, please call us at 920-426-5912 or send an email to chapters@eaa.org.
Airplane Build News:

This section is to provide a brief summary of all Ch. 25 build projects. Please contact the editor if you have a project you would like included. Current pictures are preferred.

**Pietenpol 1 (2010):** It is in the painting process. The paint booth is ready for the final coats.

![Image of Pietenpol 1](image1.jpg)

**Pietenpol 2 (2018):** The Model A engine sounds good and runs strong.

![Image of Pietenpol 2](image2.jpg)

**Zenith STOL CH 701 (2017):** The 701 is flying. A number of owners were able to get checked out this month.

![Image of Zenith STOL CH 701](image3.jpg)
**Glasair Glastar: (2021):** 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 invited. Contact Jerry Schiroo with any questions and location information: jerryschiroo@msn.com

**Fly-In/Out Opportunities:**

**Sunday, June 19, 2022** – Chapter 100 Father’s Day Fly- Breakfast; KTOB Dodge Center, MN

**Sunday, June 26, 2022** – Wells Wings and Wheels Fly-in Breakfast; Wells Muni Airport (68Y)

**Upcoming Events**

**Saturday, April 16, 2022:** Young Eagles Event

**Wednesday, April 20, 2022:** Chapter 25 Meeting

**Saturday, April 23, 2022:** 2022 Minnesota Aviation Hall of Fame Banquet. InterContinental Minneapolis-St. Paul Airport Hotel, 5005 Glumack Dr., Minneapolis, MN 55450. To register or to make donations, email MAHOFBanquetReservations@gmail.com or call 952-906-2833. www.mnaviationhalloffame.org

**Saturday, May 14, 2022:** Young Eagles Event

**Wednesday, May 18, 2022:** Chapter 25 Meeting

**Friday & Saturday, May 20 & 21, 2022:** The Great Minnesota Aviation Gathering. Buffalo Municipal Airport (KCFE), Buffalo, MN. GMAG Hours are from 9-5 Friday, May 21 and from 8:30-4 on Saturday, May 22. Features educational sessions and a variety of vendors of aviation-related products. “Hangar Flying” sessions will cover a broad range of timely topics, including seaplane operations, survival techniques, VFR and IFR flight operations, Minnesota aviation history, winter operations, engine maintenance, owner assisted maintenance, how we can better work with our local and state governments…and much more! www.mnpilots.org

“Where's the thing that I haven't seen myself do before?”
Carmen Gimenez Smith,
poet, editor, publisher, educator
Your editor is always looking for your aviation-related stories. If you have an aviation related experience to share, please contact me. Don’t be concerned about the writing part, it will be written on your behalf based on our conversation.