

OCTOBER 2016

EAA Chapter 25

ON FINAL

MINNEAPOLIS/ ST PAUL, MN



“Flight Lines”

- from Craig Nelson
EAA Chapter 25 President

October 2016 – Flight Lines

Wow, time sure does fly. I can't believe that a month has gone by since I was writing my last column. With time quickly slipping away, I am very concerned about our inability to identify someone who will commit to taking over to lead the chapter as President in 2017. As I have stated several times, I will not continue in this role next year. We have a wonderful, vibrant chapter which will surely falter without solid leadership. So, the ball is in your court Chapter 25 members. Someone needs to step up and be counted to keep the chapter running strong in 2017. Contact me if you would like to accept this challenge.

The annual Chapter 25 banquet was held this past Sunday. Pat Halligan once again did a wonderful job of coordinating the event. It was a fun filled evening of tasty food and good conversation. Chris Henry, EAA's Museum Programs Manager gave a very stirring presentation

on the B-17 Flying Fortress with an emphasis on the men (kids really) who flew in them. It was an outstanding talk. We were fortunate to have Kevin Morris with the FAA attend and present Frank Ahlman with the Wright Brothers Master Pilot's Award for 50 years of safe flying. Congratulations Frank on this remarkable achievement! Special recognition was given to the following members for their contributions to the success of our chapter.

- * Frank Ahlman – Young Eagles Top Gun
 - * Ron Oehler – Young Eagles Ramp Champ
 - * Pete Gavin – Newsletter Editor and publisher of On Final from 2000-2016 (16 years!)
 - * John Schmidt – Ron Oehler Chapter Service Award for 2016
- Please give a word of thanks to each of these members for their support of chapter programs and to Pat Halligan for making this entertaining evening possible.

We are making progress with the Chapter 25 Scholarship Fund Campaign. 31 members have donated \$1805 toward our \$3000 goal (61%). New donation receipts have slowed down and we have passed the target date of October 1 for sending in your contribution. It is not too late! Please consider supporting this initiative with a \$50 donation (or whatever amount you choose) so that we can continue to supply scholarships to college students pursuing aviation related careers at the same level as last year. Send your donation to Mamie Singleton, PO Box 17093, St. Paul, MN 55117. Remember, your donation is tax deductible!

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EAA Chapter 25 October 2016 Chapter Meeting Information

What: Tour of Flying Cloud Airport Control Tower and Maintenance Equipment

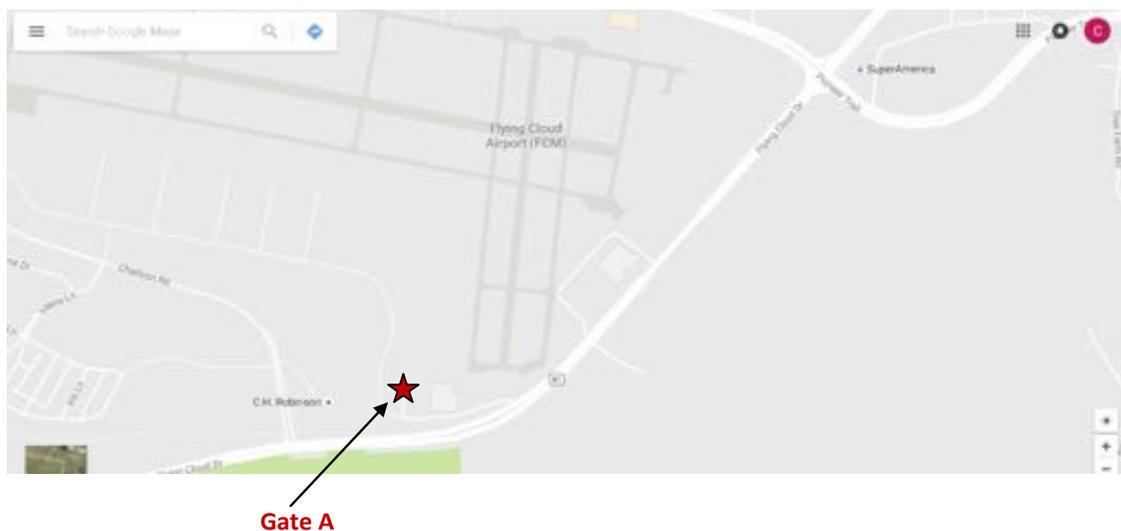
When: Wednesday, October 19 @ 7 pm

Location: Flying Cloud Airport in Eden Prairie, MN

Note: If you would like, please join us at 6 pm at the Lions Tap Restaurant for a burger prior to the tour.

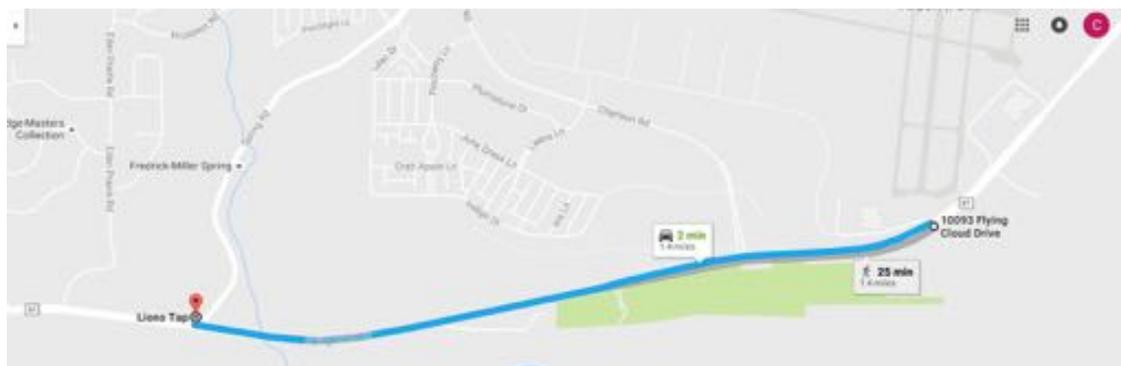
Directions to Flying Cloud Airport Control Tower

Proceed southwest on Flying Cloud Drive from the intersection of Pioneer Trail. Take the next right turn after passing the driveway to Modern Avionics. Proceed up the short road to gate A. The gate should be open. If not, use the call box to call the tower and they will open it. The control tower is just ahead to your left.



Directions to Lions Tap Restaurant (16180 Flying Cloud Dr, Eden Prairie, MN)

The restaurant is at the intersection of Flying Cloud Drive and Spring Road. This is 1.4 miles further W on Flying Cloud Drive from the turn off to go to gate A.



Young Eagles Update

By Kris Olson

Girls in Aviation Day event at the St Paul Downtown Airport

Local Women in Aviation Chapters, Stars of the North (Minneapolis) and Northern Lights Chapter (Mankato) held a Girls in Aviation Day event on Girls in Aviation Day September 24th, 2016. The event was held at the St Paul Downtown Airport. There were 1,200 kids and parents that attended the event. The group held the largest event in the world last year at this time and also the largest event this year. They had lots of aviation and STEM vendors including some aviation colleges, airlines, and military and lots of planes and some helicopters for the kids and parents to tour. Endeavor Air flew in a Bombardier CRJ900 and had it open for tours. Former Black Hawk helicopter pilot Elizabeth McCormick gave presentations at the morning and afternoon sessions and had her book available. For more information about the Stars of the North Chapter, go to their web site www.starsofthenorth.org

Some EAA Chapters planned a Young Eagles event at the St Paul Downtown Airport on September 24th. They had pilots and ground crew lined up and kids planning to get rides, but the low clouds did not allow for any rides that day. Kids and parents got walk around tours from the Young Eagles volunteers, of 2 general aviation planes that were there.

Group photo of attendees and volunteers from the morning and afternoon sessions (Photo Larry Grace)



This year Chris Bobka from St. Paul, MN Flemming Field has generously donated his Luscombe 8A two place aircraft. To read the article, please click on link below!

<http://bit.ly/2dn7dYj>

The Saga of an Airpark Home (Part 1)

by: Patrick Hoyt

Guest Columnist - Patrick Hoyt

Pursuing the Adventure: The Saga of an Airpark Home - Part 1



This adventure begins about ten years ago, and I remember that day like it was yesterday. We're in Brodhead, Wisconsin. It's late at night, and a handful of people are seated on wooden benches around a camp fire. Beer in hand, I'm leaning forward, intently listening to a man and his wife talk about living at an airpark that they'd moved to the previous year. It struck me that they were ordinary people, just like us. And they were happy. Really HAPPY. Indeed, their joy was infectious... Flash forward a few years. I learn how to fly, earn my pilot's license, build my own airplane, and start going places and having fun with it. The thought of living at an airpark is still there, somewhere in the back of my mind, but realistically it is a dream that is so elusive as to be beyond consideration. Even more unattainable than the dream of flight itself. Time passes... One evening I get an email message from my wife, Mary, who at the time is away on business: "Have you seen these houses with airplane hangars? We should go look at these sometime. "Okay...! Soon it's off to Tennessee (where I lived before moving to Minnesota). Then to Texas. Then back to Texas again. And again. Over the span of a couple years we embark on several recon missions - I mean "vacations" - visiting airparks, talking to

people, and figuring out what we want. During this time two minor (at the time) events occurred that became important later: the first being a comment from a guy who mentioned, "There are some really nice houses out at Bourland Field, out a ways southwest of Fort Worth - you should drive down there sometime and take a look". The second event was a comment from a woman we met in a local dive bar who mentioned the name of a particular custom home builder in the Fort Worth area, which we later followed up on. After visiting several airparks in the Fort Worth area, we drove to the one that had been mentioned - Bourland Field. Upon our arrival we were stumped by a big iron gate. Locked, and no idea what the gate code is. Poking around, we found an unlocked gate at a nearby dirt road that wound around and went behind the local FBO, so we drove on in. From there we followed a rut road that led to the residential area. The houses we saw back in there were jaw-dropping. Massive brick houses. Huge brick hangars. Beautiful pools. Streets that were actually taxiways. Having never seen homes of this caliber before, I was in awe.

While snooping around the airpark, we encountered a couple of people walking their dogs. I asked them if this airpark was friendly to experimentals. They asked, "what are you building", and when I replied "I've got a Zodiac finished & flying, and a Wittman Tailwind under construction" - they laughed. One of the guys said, "I've got two Tailwinds in my garage right now. Come on over and take a look". That was a good omen, and as we learned more and met more people it seemed like everything was lining up for us. We knew that if we could possibly swing it, this was the place.

(Continued on page 8)

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Flight Lines

(from page 1)

Guess what. The holidays are just around the corner (I've already seen Christmas items in stores – Aaughh!). It's time to start planning our annual Holiday Party. Jim and Shirley Fischer have graciously offered to host the party at their home in Lakeville. The date is Sunday, December 4 so mark your calendars. This event is always a good time.

We are going to change it up a bit for our October Chapter Meeting and have a field trip to Flying Cloud Airport. DO NOT SHOW UP AT THE BSAEC (Chapter Hangar). We will tour the control tower and view some of the maintenance equipment used on the field by the MAC. The current thinking is to have a burger at the Lion's Tap Restaurant prior to the meeting for those that are interested. See the next meeting section in this newsletter for more detail. Our November meeting will feature former chapter member Paul Randall who will talk about Electric & Hybrid Electric propulsion for aircraft. That should be an interesting talk.

I hope to see you at Flying Cloud on October 19.



Final Approach Trivia Quiz

By: John Schmidt

You may have heard of the 'Mercury 7' , who piloted the manned spaceflights of the Mercury program from May 1961 to May 1963. [Scott Carpenter](#), [Gordon Cooper](#), [John Glenn](#), [Gus Grissom](#), [Wally Schirra](#), [Alan Shepard](#), and [Deke Slayton](#) are household names.

Who were the 'Mercury 13'?

(continued on page 9)

On Final

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The Annual Chapter 25 Banquet 2016

To my fellow EAA Chapter 25 members who bought tickets and attended the banquet on Sunday evening. It was a delightful evening and I'm sure you will all agree, Chris Henry did a wonderful presentation on the B-17 and it's crewmembers. I heard a number of people talk about how moving and emotional the talk was to them personally. I want to thank a few members, who went above and beyond the call of duty. Dave & Angie Lundin brought some really nice silent auction items as did Jim & Shirley Fischer. Charlie Becker, from EAA Oshkosh, sent a wonderful print (and piece of) Steve Wittman's air racer "Bonzo" that we auctioned off.

I want to thank all the folks who bid on items. You got some really good deals and helped us raise some money that helped keep the ticket prices down.

For those of you unable to attend, I hope you can join us next year. If you have never been to a chapter banquet, ask a member who has been there, if they had fun and if it was worth attending. I'll bet the answer is YES and Yes.

Patrick Halligan
Banquet Chairman 4 Life



Banquet 2016



Frank Alhman, Kris Olson, Craig Nelson



FAA's Kevin Morris presenting Frank Alhman with the Wright Brothers Master Pilot's Award for 50 years of safe flying.



Kris Olson, Craig Nelson and Ron Oehler



Pete Gavin and Craig Nelson



Craig Nelson ... who wants to be the new
PRESIDENT ?



Chris Henry, Pat Halligan



The Saga of an Airpark Home (from page 3)

Long story short, we looked at a lot of airparks, but finally chose Bourland Field (identifier 50F). It was close enough to a big city for all the conveniences, yet still "out in the country". It had a 4,100 foot runway, and it met my main criteria of (a) being well outside the nearest Mode-C veil; (b) having a strong ratio of pilots to non-pilots; and (c) was friendly to experimentals. We identified an available lot that we liked, and bought it. It struck me that a dollar goes a little further now - what we paid for a 1+ acre lot on a residential airpark in Texas in 2016 was about the same that we paid for a 1/4 acre lot in Shakopee, MN in 1999. Local prices on many of these Texas airpark homes were less than what I already had in my house in Eagan, MN.



So we sold our Minnesota house in November, which admittedly isn't the best time of the year to sell a house in that part of the country, and then moved into a friends basement for a few weeks. In December I flew my Zodiac to Texas, where it now resides in a T-hangar (since I was now a property owner on the airfield, I automatically moved to the top of the hangar waiting list and got right in). In February, Mary & I packed up the small amount of our remaining belongings and drove our cars south, marking our permanent move to Texas. To be continued....

Patrick Hoyt



Upcoming Ch. 25 Events –Put these dates on your calendars!

10/9 – Ch. 25 Banquet – Chris Henry will talk about B-17's during WW II

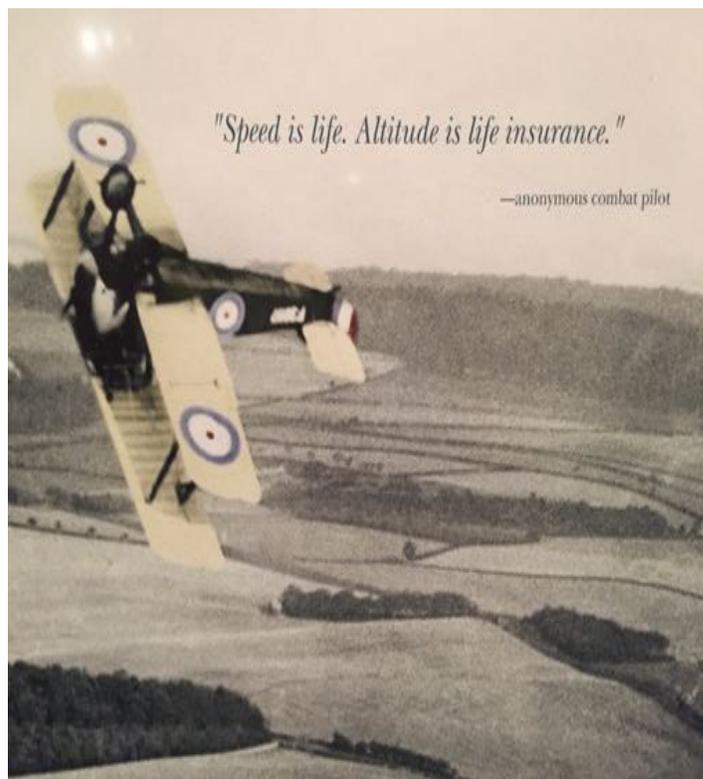
10/15 – Young Eagles Event

10/19 – Chapter Meeting – Will be a road trip tour of Flying Cloud Airport (KFCM) Tower & Maintenance Equipment. Meet at the Lion's Tap, 16180 Flying Cloud Dr., Eden Prairie, at 5:30 pm for a burger and beverage prior to the tour.

10/29 – Special Young Eagles event

11/16 – Chapter Meeting – Paul Randall will talk about Electric and Hybrid Electric propulsion for aircraft.

11/19 – Young Eagles Event



EAA Ch. 25 Minutes of the September 21, 2016 Chapter Meeting

The meeting was called to order by President Craig Nelson at 7:00 pm at the BSAEC. Craig led us in the Pledge of Allegiance then asked us to observe a moment of silence for all those in harm's way tonight and for all who have paid the ultimate price for America since its inception.

Guests: Chris and Aaron Kasic. Aaron, age 16, attended Air Academy this summer with help from Ch. 25 Young Eagles credits. He said that he enjoyed the team building exercises and the NASA flight simulator classes. He brought a wing rib, a foam airfoil and an instrument gauge clock he built during camp. He enjoyed an opportunity to fly a Cessna 172 along with an instructor. He remarked that flying the 172 was "easier than driving a car." He expressed thanks for the opportunity and for Ch. 25 financial support.

Financial Rept.: Craig summarized Treasurer, Gordon Duke's report as of 9/16/2016. There is \$15,268 in checking and \$10,249 in savings, \$13,401 in the Scholarship Fund for a total of \$38,918. All the accounts are current and bills have been paid.

Young Eagles: The September Young Eagle Event on 9/18 was cancelled due to weather. The Girls Aviation Day is this coming Saturday, 9/24. Kris is seeking 10 – 15 pilots and ground crew. Volunteers can serve from 9 am – noon and/or 1 – 4 pm, or both. A special Young Eagles event is planned for October 29 with a group from New Prague.

On Final Newsletter Editor Change: You should now have received the first edition of the On Final under David Olson as Editor. It has a new look. Contact Kim Johnson, Membership Coordinator, if you are not receiving the newsletter either by e-mail or USPS.

Scholarship Fund: Craig announced that the Ch. 25 Scholarship Fund Drive is now underway. Our switch from a raffle to a voluntary donation last year was successful. To date, 31 members have sent in donations totaling \$1,805, representing 62% of our 2016 \$3,000 goal. Mamie Singleton, Ch. 25 Vice President, is spearheading the drive. Please mail your donation to Mamie. Her contact information is available on the Ch. 25 website: www.eaa25.org.

IMC Club Affiliation: The local Instrument Meteorological Condition Club, which expressed interest in affiliating with Ch. 25, has decided to affiliate with a Maple Lake Chapter instead of with Ch. 25. They found that the Maple Lake Chapter had more IFR pilots interested in participating in this type of activity.

Banquet – The annual Ch. 25 Banquet will be on Sunday, October 9, 2016 at the Eagan Community Center. Social hour begins at 5:30 pm, dinner at 7:00 pm with a presentation at 8:00 pm. Tickets are \$25. Look for a sign up letter in your mail or contact Pat Halligan. EAA's Chris Henry will be the keynote speaker about EAA's B-17 and the stories of those who flew in her during WW II.

2017 Officer Planning: A Board task force made up of Craig, Pat Halligan and Terry Carmine is looking for Ch. 25 members to fill officer vacancies for President, Vice President and Secretary for 2017. It is crucial that we get members willing to step up to the

plate and serve in these capacities for the success of our Chapter. Please consider volunteering for one of these positions. Past officers are willing to provide guidance and support. Contact a task force member if you are willing to serve.

Upcoming Ch. 25 Events – Put these dates on your calendars!

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11/16 – Chapter Meeting – Paul Randall will talk about Electric and Hybrid Electric propulsion for aircraft.

11/19 – Young Eagles Event

Miscellaneous –

Food - Craig asked members to show their appreciation to Gary Stinar for doing the arranging and cooking for this meeting. Gary and Ron Oehler did the cooking.

Forest Lake Airport – John Schmidt reminded members that the Forest Lake Airport is undergoing major construction.

Presentation – James Aarestad, a Sun Country airline pilot living in Buffalo, MN, discussed the gyroscopically stabilized camera system business he has developed on his down time under the name of Birds Eye Photos. His company's aim is to provide affordable, high quality, 360 degree, air to air cinematography.

He agrees that the toughest problem is vibration mitigation, but he believes that his system is one of the best currently available and he continues efforts to improve this issue. He showed us a number of impressive videos produced by his system.

Respectfully submitted,
Kim V. Johnson, Secretary and
Membership Coordinator

Final Approach Trivia Quiz
(from page 5)

Mercury 13 refers to thirteen American women who, as part of a privately funded program, underwent some of the same physiological screening tests as the astronauts selected by NASA on April 9, 1959 for Project Mercury. The term was coined in 1995 by Hollywood producer James Cross as a comparison to the Mercury Seven name given to the selected male astronauts; however, the Mercury 13 were not part of NASA's astronaut program, never flew in space and never met as a group.

(continued on page 10)

Stuff for Sale/Wanted

"Wanted: a partner in the building of a Murphy Rebel. This is a High wing, all metal plane with a gross weight capacity of 1650 lb. I can be contacted at 952-8884380 or rrhojt@ieee.org."
Ron

Free to Chapter 25 Homebuilder: Welding equipment including acetylene and oxygen tanks due for renewal at end of August, stand and piping, numerous welding tips and torch, plus oxygen-only cutting torch. Contact Bert Sisler, phone listed on chapter roster.

For Sale: Garmin 396 portable color GPS Aviation/Auto, XM weather, multiple antennas. New battery 2015. Mark Kolesar, 763.656.8374; Kolesar.mark@gmail.com

Wanted: Your dusty old VFR instruments for my Pietenpol project. Please contact Ned Lebens 952-567-3329 or nlebens@gmail.com

For Sale: Ellison EFS-2 Throttle Body Injector don schlais <d.schlais@hotmail.com> 763-479-8228

For Sale: Aviation Books. Oldies, classics, some brand-new, some autographed. Inexpensive! Cutting down my library. I can e-mail a listing. Noel Allard. nallard@unitelc.com.

Final Approach Trivia Quiz (from pg 9)

Independent researcher William Randolph Lovelace II helped develop the tests for NASA's male astronauts and became curious to know how women would do taking the same tests. In 1960, Lovelace invited Geraldyn "Jerrie" Cobb to undergo the same rigorous challenges as the men.

Cobb, already an accomplished pilot, became the first American woman (and the only one of the Mercury 13) to undergo and pass all three phases of testing.

Lovelace and Cobb recruited 19 more women to take the tests, financed by the world-renowned aviator Jacqueline Cochran. Thirteen of the women passed the same tests as the Mercury 7.

All of the candidates were accomplished pilots; Lovelace and Cobb reviewed the records of over 700 women pilots in order to select candidates, and did not invite anyone with less than 1,000 hours of flight experience. Some of them may have been recruited through the Ninety-Nines, a women pilot's organization of which Cobb was also a member. Some women responded after hearing about the opportunity through friends

<http://www.bbc.com/news/science-environment-36824898>

https://en.wikipedia.org/wiki/Mercury_13

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I realized how important it was to know something about aviation, and it was something I was interested in, so I followed my brother's footsteps and obtained my pilot's license. Ellen Ochoa (former astronaut)

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This is a Solo Flight, but I want aviation enthusiasts and adventurers everywhere to join me in the endeavour. Steve Fossett (Record set in 2002)