



CHAPTER 613

November 2023

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Message from the Chapter President by John Fitzgerald

Greetings all!

With the great attendance at our Potluck Lunch, it finally feels like our Chapter is getting back together again. What a wonderful way to kick off our Fall/Winter Season. It was great to see so many new faces. The Chapter building is open again with lots of activities going on. You will see many changes coming this winter. We are working on heat and lights for the hanger so we can get back to aircraft building projects. This was Donald and Earl Taylor's dream, and it is coming together thanks to the family's donation as well as many other donations through the years. Your Officers and Directors are committed to Chapter 613 and what EAA stands for.



Have you seen the pink? Yes, Beth White our Scholarship Chair and Creator of Habit for Aviation is on a roll building a airplane with a growing group of young women aviators all dressed in pink! When you come on a Sunday just look for the pink doors and check them out.

Election of Officers is this month. If anyone has an interest in running for an office let me know.

Our monthly Pancake Breakfasts start this Sunday (11/19) and I hope you can join us.

John FitzGerald , Chapter 613 President

Upcoming Events

- Sunday, November 19th (9-11 AM): Chapter 613 Pancake Breakfast (Details on Page 2)
- Thanksgiving Weekend: US Naval Academy Outreach Program (Details on Page 2)
- October 2024: Green Mountain Field Days

Also in this Issue

- Minutes from the October 21st Chapter 613 Board Meeting
- Treasurer's Report and "As the Prop Turns"
- Instructor's Corner with Ed Scott
- Memories from the Chapter Potluck Lunch
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- Aviation History "Who Was Major Boyd?"

Our First Pancake Breakfast of the Season! —Sunday 11/19

Where: EAA Chapter 613 Aviation Center, Franklin County State Airport (KFSO)

When: Sunday, November 19th, 9:00—11:00 AM

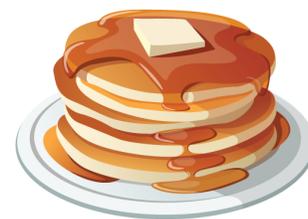
Who: Chapter 613 members, guests and friends are warmly invited to join us

What: Pancakes (with or without blueberries), sausage, maple syrup, scrambled eggs, coffee, orange juice.

Prices: Breakfast: \$8.00,

Breakfast with Three 50/50 Raffle Tickets: \$10.00.

Raffle Tickets only: \$1.00 each or Six for \$5.00.



United States Naval Academy Outreach Program By Marge Butterfield

We were contacted by Suzanne Gruending, who is a Vermont liaison for the United States Naval Academy. Suzanne wanted to let us know that the US Naval Academy will be offer-



United States Naval Academy
Annapolis, Maryland, USA

ing an outreach program in our area during the Thanksgiving break. The goal of this outreach program is to provide interested high school students with the opportunity to learn more about the U.S. Naval Academy, and careers in the US Navy.

Suzanne is very familiar with the arduous application process and is more than happy to help anyone interested in applying to the US Naval Academy. Suzanne and Kurt's daughter, Kate, will be graduating from the US Naval Academy next Spring.

Kate Gruending is a Midshipman First Class at the United States Naval Academy in Annapolis, Maryland. She attended Champlain Valley Union High School and graduated in 2020 and is in the USNA class of 2024. Midshipmen are active duty military and they spend four years learning skills to be officers in the Navy. Kate is the Company Commander of the 5th Company and has had many opportunities in the Navy to increase her knowledge and leadership skills. Kate learned to fly in the powered flight summer training block and learned Arabic in Israel as well as training aboard the USS Fort Worth. Kate is the Midshipman Coordinator of Wreaths Across America.

There are several summer programs at USNA for high school students after their sophomore and junior years. Kate attended two of these programs, Summer STEM and Summer Seminar and she can give you information on how to apply as well as talk about life at the Naval Academy.

The largest group of officers from the Naval Academy serve as officers on ships. However, there are many other career fields such as cyber security, intelligence, special warfare, submarines, ocean meteorology, Marines etc.

Please contact Suzanne Gruending at: sgruending@gmail.com for more information.

Minutes from the October 29th Board of Directors Meeting

Attendees: Marge & John Butterfield, Chris & Jess Chicoine, George Coy, John and Shirley Fitzgerald, Frank Gibney, Steve Green, Tony Speranza

Chapter Activities—Chris Chicoine: The October 28th “Passport to Halloween” event was postponed to a future date. A “Around the Mountains in 80 Days” fly-out event is being considered for next summer.

R/C Aircraft Program—Tony Speranza: Young Eagle flights are scheduled for MMU High School R/C program participants on November 4th. Tony has been working with Dick Barwin, Shop Teacher at MMU. Some of the lessons learned from previous programs are: (1) Get kids involved early in aviation programs, (2) Start with smaller projects (e.g. Building a wing rib), rather than an entire R/C airplane. Smaller projects fit the attention spans of the participants, and provide a sense of accomplishment by having completed something. (3) Host the projects at the Aviation Center, rather than at the school in order to lessen distractions.

Young Eagle Credits: Chapter 613 still has \$1,060 in YE Credits that has to be spent by the end of 2023. Purchase of a small PA system (under \$300) was approved and ordered. Other options are to purchase a TIG welder, or send a candidate to next Summer’s Air Venture Camps in Oshkosh.

Treasurer’s Report: The report was included in the October newsletter. Bethany Fronhofer is learning Quick Books Online as she prepares to assume the Treasurer’s Role in January.

Aviation Center Maintenance/Upgrades: The Board has approved the needed replacement of the two space heaters that serve the first and second floors. The Board has approved the installation of insulation, heat and improved lighting for the hangar area. The estimated cost is \$15,000. The flagpole lanyard board will be replaced in the Spring.

Chapter Donations from the Account of Earl Taylor: Laura Simon presented a \$20,000 check to Chapter 613 at today’s Potluck. These funds are being donated from an account of the late Earl Taylor. Funds are designated as \$10,000 for the Aviation Center, and \$10,000 for the Youth Scholarship Program. A letter of gratitude has been sent to Laura on behalf of Chapter 613.

Covering Scholarship Overhead Costs: A discussion on charging a percentage fee on Youth Program donations was discussed, but not finalized. This fee would cover Chapter 613 overhead costs associated with our Youth Programs.

Election of Chapter Officers: Election of Chapter Officers will be held at our November Pancake Breakfast. Officers serve a 2-year term. Any active Chapter 613 member may submit their name as a candidate for any position. To date Susan Levaque is a candidate to replace Marge Butterfield as Secretary, and Bethany Fronhofer to replace George Coy as Treasurer. In addition to the Officers, the Chapter President will select (3) Chapter Members to serve on the Board of Directors.

New Chapter Member Welcome Package: It was agreed that new member information will be forward to John and Marge Butterfield. They will enter the member information into the Chapter Roster and send out a welcome email. New members will be recognized and publicly welcomed at the next chapter event.

Chapter Dues for 2024: It was agreed that dues will remain unchanged for 2024 (\$25/single member, \$30/family member, \$50/for use of the Frasca FTD, \$8/pancake breakfast).

Hangar Rent: It was agreed that hangar rental will increase from \$200 to \$275, effective January 1st. This increase is needed to cover increased Aviation Center operating costs, including hookup to municipal water and sewer when it is installed. If/when heat is installed in the hangar area, the monthly rental rate will be increased to \$350, again to cover increased costs and benefit of heated hangar space.

Next Meeting The next Chapter 613 meeting will be held in-person at the Aviation Center after the November 19th Pancake Breakfast.

The meeting was adjourned at 3:30 PM.

Members are encouraged to review these meeting minutes and contact any officer for more information. The decisions made by the Chapter Officers will be considered final after the next Board Meeting, unless a member requests that decisions be tabled at the meeting for further discussion by the entire membership

*******Welcome New Chapter 613 Members!*******

By Marge Butterfield

We would like to welcome the following recent new members to our chapter. **Tom and Angela Mongeon and their son, Owen.** Owen is our newest aviation and a mechanic-in-training with George Coy. **Heather Forcier** from Fairfax and **Nicoletta Salvatore** from South Burlington. Nicoletta just moved into the area and has her private pilot's license. Welcome to EAA Chapter 613!

Treasurer's Report for the Month of October 2023 by George Coy, Treasurer

INCOME	
Hangar Rent	\$600.00
Ray Scholarship	\$3,300.00
General Scholarship	\$12,000.00
Membership Dues	\$178.02
50/50 Raffle	\$421.00
FTD Fees	\$50.00
Hangar Improvement (*)	\$10,000.00
Total Income	\$23,249.02

EXPENSES	
Natural Gas	\$142.36
Electricity	\$29.89
Supplies	\$39.89
General Scholarship	\$1,648.70
Ray Scholarship	\$2,079.80
Total Expenses	\$3,932.54

(*) Funds received from the Earl Taylor donation

(**) Negative balance due to timing of Ray Scholar disbursements

Hangar Contingency Fund	\$14,873.50
Mary McGrath Fund	\$27,738.07
CD#1	\$10,000.00
CD#2	\$10,000.00

Ray Scholarship Balance	-\$5,288.55(**)
General Scholarship Balance	\$40,242.20
General Fund	\$18,941.01
Checkbook Balance	\$30,337.28

As The Prop Turns by George Coy

- We received a \$2,000.00 donation from Ed Scott as a result of the sale of his Cessna 150. Thank You Ed.
- We received a \$20,000.00 donation according to the wishes of Earl Taylor. Half was designated to be used for youth scholarship and the other half towards insulating and heating the hangar.
- We received a go ahead to use up to \$10,000.00 of the Mary McGrath fund towards the hangar improvements.
- The officers meeting authorized the go ahead to insulate, install gas heating and install new lighting in the hangar.
 - NP Foam Llc from Irasburg will be doing the insulation of the hangar ceiling area. Former youth aviator Emma Laber will be working on it as she is an employee of NP Foam.
 - Delta electric will be installing the new lighting and Aub's Repair will be installing a ceiling mounted heater.
- We recently replaced the Monitor heaters in the meeting room and the upstairs with Reznor units as the Monitor units were obsolete and one was not working. They were installed by Aub's Repair at a total cost of \$5,406.12.
- Congratulations TO Will Jones for earning his private pilot's license.
- Congratulations to Charles Ryan for completing his Instrument rating.

Instructor's Corner by Ed Scott

Airplanes take on a personality. Airplane owners personify their planes, give them names and proper pronouns. My glider, Juliet, was beloved by me and the pilots at Stowe Soaring.

So when I delivered my 150, "The Silver Streak," N8267F, to her new owner in Connecticut, it was a time for mourning. Not only had she become a trustworthy friend, but she had brought together an eclectic array of people who've become a big part of my life.

Four years ago, I put her up for sale. That brought the irrepressible Beth White to Montpelier, along with George, who said, "Why sell? How about teaching kids to fly?" I knew I was being conned, but I went along anyway. They introduced me to **Silas Scheckel** and **Mara Stephens**. Mara's Montpelier HS teacher, Cliff Coy's wife, Kerren, knew of Mara's interest in Aviation, passed it along the grapevine, and there we all were in the vacant terminal building at MPV. Silas already had flying experience, and since I could only take on one student, Mara became my student.

Mara was difficult. She was always late, never answered emails (I once had her write a two-page paper on the importance of timely communication), and she never hesitated to admonish me for what she thought were offensive comments (they weren't). But she is a great student and a terrific person, and over time, as we flew together and got to know each other, we became fast friends.

She was the first of the Chapter 613 Young Aviators whom I flew with, all with extraordinary personal accomplishments. She is very talented: fluent in French, studying Arabic, able to play Scott Joplin's "Maple Leaf Rag" without missing a note. And she just returned from a five-month, solo trek around Europe and the Middle East, including almost two months in Morocco. I am in awe of that accomplishment. I asked her, how did you manage that, all the travel, the cultures, the strangeness? "What do you mean. I just did." We got together a few days ago at Maplewood in Berlin to mourn 67F, and reminisce.

Emma Laber, inconveniently located in my former Northeast Kingdom town of Irasburg, was my next memorable Beth and George inspired student, and Ray Scholar. Emma had had a number of instructors, all of whom had left, so by default, and by Beth's urging, I flew with her. Emma would fly down from Newport to MPV, and we'd go from there for cross countries, tower ops at Lebanon, and night flying. She'd insisted on knowing how old I was, but in one of those strange NEK connections, she found me in the faculty section of her grandfather's high school yearbook; question answered.



Ishir's First Solo

Ishir Agarwal was my next student in 67F, another instructor-less Ray Scholar.

Ishir was (is) very bright, talented, charming, and energetic. He graduated from South Burlington High School with a 4.0+ average in Advance Placements. He held jobs (most recently a ramp agent at BTV that got him a space-available flight to Chicago and back), founded an aviation club, bowled, traveled with his family to India. Once I soloed him, every landing was near-perfect, even night landings. He completed his first year of college at VTC, and he is now at University of North Dakota. His most recent text: "The first snow was 3 days ago, and it's been like mid 20's." He loves it there, and he did due diligence in his college search. He knew what he was getting into.

Julie Torres worked for George, and as a benefit, got free lessons. She flew his planes, as well as mine, with incredible skill and poise. Working for George, she knew Cessna 150's inside-out. When the turn and bank stopped working on downwind leg at FSO, she reached under the panel, fiddled with the wires, and got it working. She handled cross wind landings with finesse. Julie was as talented a student as I've ever flown with, and we all miss her at FSO.



Mara gives a YE ride at BETA



Emma over the NEK



Julie fuels 67F at FSO

(Continued on the next page..)

(Instructor's Corner—Continued)

I recruited **Max Hochschild** from the Montpelier Civil Air Patrol. Max, like the other kids I flew with, is bright, motivated, and talented. He loves baseball, skiing, his family and flying. But Max fell into the tangled web of FAA bureaucracy, and he couldn't solo. He's still hopeful, and as a member of Chapter 613, recently posted on the latest Newsletter.

I love light planes, and my Cessna 150 was a reliable and safe airplane for all the kids I flew with, scholarship recipients and Young Eagles. She was a catalyst that brought together an amazing group of kids as well as Beth, George, and Chapter 613 members. I hope her new owner has such a meaningful time with her as I have.



Max "The Dog ate my logbook"

Chapter 613 Annual Potluck

By Marge Butterfield

We had a nice turnout for our annual October potluck. It was great to see people we haven't seen for a while and to meet a lot of new people. Nicoletta Salvatore, who joined our chapter last month, introduced herself. She recently moved into the area and has her private pilot's license. Also new members, Tom and Angela Mongeon, and their son, Owen were there. Owen is our newest aviator and a mechanic-in-training. Owen contributed a writeup about himself in last month's newsletter. We also had the opportunity to meet the young ladies who are part of the Women Build Planes Team who are building Habitat for Aviation's Rans S-21 airplane. There was lots of great food and desserts to choose from and no one went hungry. Camaraderie and good food – it doesn't get any better than that!





EAA Chapter 613

Youth Aviator Program Corner

November 2023

EAA Chapter 613 Youth Aviator Program



Adel Medic, Ray Scholar

This recent journey has been one of most productive ones so far. I started recently flying Cessnas instead of previously flying a Piper Cherokee. The plane that I am planning on doing my solo in is a Cessna 172. Recently I flew it for the first time and I felt the most comfortable I have ever felt when flying. This gives me hope in the future to fly solo for the first time without feeling nervous or unfamiliar with the plane. Also my mother and I volunteered to assist in guiding Young Eagles to their planes for chapter 1576, it was great to see young children interested in aviation and It gives me hope that more kids will pursue aviation.

A Most Generous Donation to Chapter 613 by Marge Butterfield

Chapter 613 was honored to receive a \$20,000 donation on behalf of the late Earl Taylor. The donation was presented at our Potluck Lunch by Laura Simon. The funds were designated to be used for the following: \$10,000 for the Taylor Aviation Center Building, and \$10,000 for the Chapter 613 Scholarship Program.

We are deeply grateful for this generous donation from our late Chapter 613 member. Earl and his brother Donald were active in many Chapter 613 activities, including the construction of the Aviation Center.



Aviation History: Who Was Major Boyd?

During the 1950s, John Boyd dominated fighter aviation in the U.S. Air Force. His fame came on the wings of the quirky and treacherous F-100; the infamous "Hun." Boyd was known throughout the Air Force as "Forty-Second Boyd," because he had a standing offer to all pilots that if they could defeat them in simulated air-to-air combat in under 40 seconds, he would pay them \$40. Like any gunslinger with a name and a reputation, he was called out many times. As an instructor at the Fighter Weapons School (FWS) at Nellis AFB, he fought students, cadre pilots, Marine and Navy pilots, and pilots from a dozen countries, who were attending the FWS as part of the Mutual Defense Assistance Pact. He never lost.



Boyd was famous for a maneuver he called "flat-plating the bird." He would be in the defensive position with a challenger tight on his tail, both pulling heavy Gs, when he would suddenly pull the stick full aft, brace his elbows on either side of the cockpit, so the stick would not move laterally, and stomp the rudder. It was as if a manhole cover were sailing through the air and then suddenly flipped 90 degrees. The underside of the fuselage, wings, and horizontal stabilizer became a speed brake that slowed the Hun from 400 knots to 150 knots in seconds. The pursuing pilot was thrown forward and now Boyd was on his tail radioing "Guns. Guns. Guns." The myth of "Forty-Second Boyd" still rankles AF fighter pilots. They say there is no "best" pilot; that everyone has a bad day. But if they went through Nellis in the late 1950s, they know Boyd had no bad days. And they cannot come up with the name of anyone who ever defeated him.



Boyd was equally famous in the classroom where he developed the "Aerial Attack Study." Until Boyd came along, fighter pilots thought that air combat was an art rather than a science; that it could never be codified. Boyd proved them wrong when he demonstrated that for every maneuver there is a series of counter maneuvers. And there is a counter to every counter. Afterwards, when fighter pilots attacked (or were attacked), they knew every option open to their adversary and how to respond.

“Truth in Aviation” - Part 2...



Lightspeed Aviation Supporting Chapter 613

Are you thinking about purchasing a new headset? EAA Chapter 613 Youth Aviator Program is honored to be an affiliate of Lightspeed Aviation. This means, with every Delta Zulu sold through our dedicated URL or QR code, EAA Chapter 613 will receive a donation of 10% of the headset value for our youth programming. Please share this far and wide and help our youth access opportunities to fly! (<https://tinyurl.com/EAA613Lightspeed>)



THINKING ABOUT BUYING A NEW HEADSET?

EAA Chapter 613 is an honored affiliate of LIGHTSPEED AVIATION

Lightspeed will donate 10% of the sale of every DELTA ZULU to EAA Chapter 613's Youth Aviation Program at KFSO when purchased through our dedicated URL

Click the QR code above to purchase your headset today and support our young aviators

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John Butterfield—Newsletter Editor

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November 2023

