

CHAPTER 613

May 2023

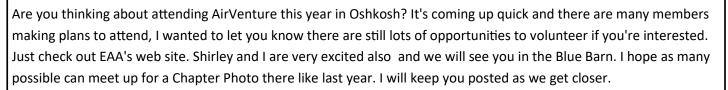
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Message from the Chapter President by John Fitzgerald

Greetings All:

I wanted to take a moment to thank everyone for the great breakfast gatherings this winter. It was so much fun mingling again and nice to see so many new members, so again thank you everyone for all the hard work.

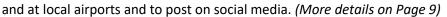
Have you had a chance to check out the upstairs? The new tables and chairs are great! We enjoyed our meeting with Rick and Ben from Burlington Air Traffic Control. The new furniture was just what was needed, Thank you to Marge and John Butterfield and our chapter members and friends for all the changes to our Chapter.



Let's all have a great summer, and we will keep you notified of any upcoming events.

Young Eagles Rally—June 10th in Plattsburgh, NY

Calling all Young Eagle Pilots! We will be hosting a Young Eagles Rally on June 10th at the BETA hangar in Plattsburgh, NY. If you want to fly with our youth, please make sure you complete the steps necessary to become a Young Eagle Pilot (https:// tinyurl.com/YoungEaglePilot). If you know a young person between the ages of 8-17, please direct them to register for this event using the URL (https://youngeaglesday.org?7090) or QR code. Posters will be emailed this week for sharing with friends



Visit the Burlington Control Tower—May 27th!

Are you curious to see what Burlington Tower and TRACON are like? We have a unique opportunity for 10 members to visit our Air Traffic Control friends on Saturday, May 27th from 10-12. Sign up here (https://tinyurl.com/BTVtower) or call Beth White (802-598-6408) to sign up (limited to 10 members).



5/27/23: Burlington Control Tower Tour.

Upcoming Events

6/10/23: Young Eagle Rally in Plattsburgh, NY (KPBG).

8/19/23: Young Eagle Rally at Burlington International Airport (KBTV)

9/16/23: Young Eagle Rally at Caledonia County Airport (KCDA)

9/23/23: Young Eagle Rally at Dean Memorial Airport, Haverhill, NH (5B9).



Plattsburgh Air Force Base Museum Open for 2023 Season by Dave Witkowski

Now that runway repair has temporarily closed Franklin County Airport, some club aircraft are now based at Plattsburgh International, formerly Plattsburgh Air Force Base. With its two mile long runway, ever wonder what went on at the Strategic Air Command base during the Cold War? The Base Museum can answer your questions and provide insight what flying for the military is all about.

The museum is now open Wednesday – Saturday, 9am to 3pm thru October and located on the "Old Base", 31 Washington Road, next to the static display B-47 and FB-111A. Volunteer guides who were assigned to the Base are available to answer questions, and if you visit when volunteers are doing restoration work on the B-47 (normally Saturdays), you might be able to get a guided tour of its cockpit. Admission to the museum and static displays is free; donations are gratefully accepted.



Atlas Missile Launch Console



FB111A Cockpit

New Book by Chapter 613 Member Steve Green

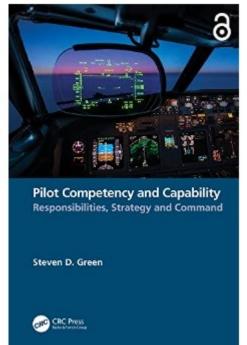
Steve Green, fellow Chapter 613 member, and retired American Airlines Pilot, has just published a new book titled "Pilot Competence and Capability, Responsibilities, Strategy and Command".

Pilot Competency and Capability presents strategies for the air carrier pilot-incommand operating complex engineered systems within a complex natural environment. It bridges the gap between academic books and practical application by providing real-world examples of how various safety and operational theories work in practice.

The book advises on how to develop concepts, strategies, and ways of thinking that integrate with existing structures and FAA regulations, while understanding how engineered systems and codified structures interface with complex natural environments. It considers how the prescribed safety margins function to manage emergent behaviors of both the natural environment and the engineered systems.

The book is intended for airline pilots, training captains, simulator instructors, and aviation students taking courses in aviation safety, risk management, and flight safety to improve in-flight decision-making, risk analysis, and strategic planning.

Though intended for airline pilots, Chapter 1 of this book may be downloaded for free at the following link: https://www.taylorfrancis.com/books/ mono/10.1201/9781003369677/pilot-competency-capability-steven-green? context=ubx&refId=7272f3d6-1170-46b5-a384-657c2c1e92dc



May 2023

Photos from our April Pancake Breakfast



Minutes from the Chapter 613 April 20th Board Meeting

Attendees: John & Marge Butterfield, Willa Clark, George Coy, John Fitzgerald, Susan Levaque, Miguel Marin, Chris Murphy, Ed Scott, Beth White

Meeting Details: The meeting was held via Zoom, and was called to order by Chapter President John Fitzgerald at 6:30 PM.

Young Eagles Day in Plattsburg, NY (KPBG)

- Chapter 613's Young Eagles Day will be held at the Plattsburg International Airport on Saturday, June 10 (rain date June 11).
- The event will either be held at the BETA Technologies hangar, or at the FBO.
- BETA and Chapter 613 members will reach out to New York Schools in the area.
- Additional activities being discussed are: BETA's Thunderdome (FTD training device), model R/C display, rib kit building, aircraft static displays.
- Miguel will set up the on-line registration, and share the proposed flight route with BTV-ATC.
- Willa will recruit Young Eagle pilots from BETA.
- Marge will submit the Young Eagle Insurance Application.
- Beth will work on the poster, and talk to the Plattsburg Airport Manager.

Young Eagle Rally in Burlington (KBTV)

- A second Young Eagle event is planned for August 19th at BETA's facilities at KBTV.
- Willa will review options with BETA and advise Chapter 613 of the preferred location.

Oshkosh Pancake Breakfast

- John Fitzgerald presented the opportunity for Chapter 613 to cook at one of the Oshkosh Pancake Breakfasts.
- Hosting a morning breakfast requires a minimum of 20 people are required. Chapter 613 will poll members to find out if we may have enough people attending Oshkosh to apply for this opportunity.

Other Summer Activities

- Possible summer pancake breakfast(s) or barbecue(s) were discussed.
- Chapter 613 will poll members for interest in volunteering and attending.

Treasurer's Report

• Chapter 613 is in the process of switching over to QuickBooks Online. Updated reports will be issued after the change-over.

Aviation Center Repairs

• John Butterfield, Jon Fick and John Fitzgerald have volunteered to pressure wash and stain the back stairway.

Proposed New Chapter Positions

Beth White proposed that Chapter 613 consider two new positions:

- Chapter Membership Coordinator: Chapter 613 will advertise this position
- Chapter Outreach Coordinator: Beth nominated Willa Clark for this position. Willa's nomination was voted on, and approved.

"<u>Learn to Start</u>" Event

• Chapter 613 will not be hosting a "Learn to Start" event this year, due to the KFSO closure.

Second R/C Kit

- Chapter 613 has received a second R/C aircraft kit from EAA, with the provision that the building process be videotaped and documented for promotional purposes.
- Any Chapter 613 member(s) interested in hosting his program should contact John Fitzgerald.

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

Treasurer's Report for May 2023—George Coy, Treasurer

INCOME		EXPENSES	5
General Scholarship	\$2,060.00	Natural Gas	\$166.97
Ray Scholarship	\$4,300.00	General Scholarship	\$4,048.47
Hangar Rent	\$200.00	Electricity	\$37.32
FTD Fees	\$50.00		
Membership Dues	\$125.00	Postage	\$45.94
50/50 Raffle	\$41.00	Supplies	\$50.97
Breakfast Income	\$581.00	Quick Books	\$75.00
Pasta Maker & Book Sales	\$129.00	Total Expenses	\$4,424.67
Total Income	\$7,486.00		
Total Income Hangar Contingency Fund	\$7,486.00	Ray Scholarship Bala	nce \$289.4
		Ray Scholarship Bala General Youth Aviati Balance	
Hangar Contingency Fund	\$14,690.97	General Youth Aviat	

"As the Prop Turns" by George Coy

This month I wish to thank Bob Desmarais and George Thomas for significant contributions to the Scholarship fund. Bob gave us part of the commission on the sale of Dave Nichols RV6. George Thomas owns the beautiful Pre-War (1939) Aeronca Chief that is stored in the EAA chapter hangar. George Learned to fly in high school and wanted to support others to do the same. George and his wife Dawn live in Woodstock. They have been regular participants at our pancake breakfasts. George and Dawn are building an RV as well.

The secretary, Margaret Q Butterfield and I went to the bank last week and opened two \$10,000 CD's. They were offering 4% for 13-month CD's. This was suggested at the last officers meeting.

As The Prop Turns

Progress is being made on the new runway for KFSO. A lot of the grading has been accomplished and the old pavement has been removed. They are installing all new underground electrical equipment. It is interesting to see them working without grade stakes or theodolite. The bulldozer and the excavator are all controlled via a predetermined map and GPS coordinates. It is supposed to be accurate to ¼ inch.

I am keeping very busy with projects, including the installation of new fabric on Kyle Clark's AN-2. We are recovering it using the Oretex process. It is a aircraft fabric covering material that does not require ANY spraying as all other processes require. We had an Oretex specialist here for 10 days to teach us how to use the material. This material is considerably lighter as well. It uses a proprietary heat activated glue. It is approved in the EU and Canada, and there are several STC's for its use here in USA on certified aircraft. Anyone interested in the new process is welcome to stop by and see it in progress.

After the AN2 recovery, we are planning to use the same process to recover the wings on Don Taylor's Citabria. Fly Vermont bought the 7ECA from Don's estate. It needs new spars as the existing wood spars have some cracks. We have bought the Milman aluminum spar kit and will be installing it as well.

Border Air and Prestige aircraft are also remaining busy, as they have plenty of work planned during the airport shutdown.

CHAPTER 613

Youth Aviator Program Corner

May 2023

EAA Chapter 613 Youth Aviator Program

Hello and happy spring to our EAA Chapter 613 aviation family. We have a new Ray Scholar, Adel Medic! Congratulations to all of our Youth Aviator Graduates! Also congratulations to Ben Sibold and Katie Adams for passing their Private Pilot Checkride!

George and Beth have put together a wonderful week of Aviation Summer camp for July 10-14 where youth will explore some of our old favorites, drone operation with Evan Robinson (VTRANS) and riveting and soldering, as well as some new topics, like How to Build a Runway with our friends at ECI. If you know a young person who would like to join, check out the MVU Programs Registration page (https://tinyurl.com/KFSOCamp23), and if you are part of our aviation family, but out of district, connect with Beth White (vermontcarrot@gmail.com).

Special thanks to Cal Horowitz for weatherproofing our picnic tables. Hopefully we'll have a BBQ soon and be able to put these to good use!

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)

Beth White

Positive energy continues to flood into the Habitat for Aviation initiative and we are slowly

working our way towards being "shovel ready", which is a requirement for many of the grant opportunities both on the State and Federal levels. We had a wonderful crew from EIV come out and ensure the construction/renovation of the building and creation of the taxi lane to the back will not disrupt any wetlands, and learned, well there are no wetlands to be found anywhere to the east/southeast of the site. My cousin, Ryan Stowell, will be doing all of the GPS surveying, which will give us data points to send to the engineer. Once the engineering is complete, we can start applying for necessary permits.

On the programmatic front, we got word from Bernie Sander's office that the Senator liked the proposal that Habitat for Aviation submitted and has sent it on to Congress for a vote/approval. We remain optimistic and are grateful for the opportunity to use these funds to create programming that will support our youngest (K-8) learners to access the wonderful opportunities in aviation through school visits, and summer/afterschool programming.

I had a wonderful visit with our friends at Heritage Aviation this week with a group of students from Burlington who are part of a school that centers their interests in their learning. Kyra was going to give them Young Eagle Flights, but Mother Nature had alternate plans with her wind gusts over 25K, so we spent time with Leif Johnsen and Kathy Fronhofer, who shared with us the many opportunities that exist in aviation. Special thanks to Ed Scott for joining us and for sharing your story and big heart with your youth.

I finally had the privilege to meet Governor Scott and Senator Welch at an event in South Burlington to celebrate the net zero housing, where I got to briefly share about Habitat for Aviation. They seemed very appreciative of this effort and both agreed that this is what is needed for Franklin County. I also got to spend a bit of time with Mari McClure from Green Mountain Power, and I am excited to continue our conversation about the ways in which we can create a pathway into Electric Vehicles (both flying and driving) for youth.

I spent an entire afternoon with our newest Ray Scholar, Adel Medic, and his delightful mother, Armenia, working on a powerful article that we are sending to EAA to be included in an upcoming issue of Sport Aviation. This is an incredible family, with a harrowing story that brought them to Burlington, Vermont, and into our aviation family. I am excited to share more as we finalize the arti-

cle.







EAA Chapter 613 Youth Flyers: Reflections from Flight Training

Katie Adams, Ray Scholar

On April 8th, I became a private pilot! Looking back on the past year and all of the people and time that has congealed to get me to the place that I am now is amazing. I remember when I started my flight training the concept of a checkride seemed so foreign and far off to me. Now, after completing it and looking back on the past year, I am filled with a sense of accomplishment and excitement about the future.

I have flown a few times this past month, but definitely nowhere near how much I was flying when training. I am going to make an effort to keep my skills up and fly as much as I can to stay proficient and ready for college. Once school is over and I graduate, I am going to start working on IFR ground school and get a head start on studying so that I can make the transition into college a bit easier for myself.

One of the most rewarding things is being able to go flying with my friends and family. I have yet to take my parents up for a ride, but once my schedule cools down a bit, I will take them to Plattsburg and we will go. I am so thankful looking back and seeing all of the people that were willing to help me get to the place that I am today and cannot wait to continue on and to make efforts to give back.

Joseph Mensah, Aviator

The last month has been a good one with lots of events! I was glad to pass my CFI check ride which felt like a weight off my shoulders after doing the longest oral I'd ever done, on top of a flight filled with surprises and challenges from the check instructor. Shortly after, I began my new hire training for the flight school and began working to finish my finals while also preparing for completing my graduation ceremony the following weekend. While it's been a packed few weeks with little rest and lots to do, it's been a great period with many memories and satisfaction.



Kyra Becker, Ray Scholar, Flight Instructor

This month was a busy one for me. I started flying out of Plattsburgh International Airport. The FBO has been very kind and helpful so far. I have about 10 students right now. The drive from my house to the airport is only 5 mins so it's been nice to be able to fly even earlier as my commute isn't an issue.

On May 4th I went to Burlington Airport and spoke at the South Burlington Business Association meeting. I was recently voted the vice president of Women in Aviation Vermont (WAI) Chapter and was given the opportunity to speak to the SBBA about our mission and goals as a new WAI chapter.

On May 5th I soloed my first student in Plattsburgh. After soloing my students in KFSO it was a change doing it in KPBG. The runway is 11,759 ft long and 200 ft wide, quite the difference from KFSO. So watching my student solo was a bit more challenging because I couldn't see them in the pattern the whole time from the FBO! My student did great and it was a great way to start a Friday morning (all before 7:30am)!

I also had the opportunity to do a flight review with Steve! I had an awesome time in his 170!



This month was quite busy for me. With studying and taking exams, the SAT, and performing in the Vermont All-State Choir, it's taken a lot to stay proficient on ground and flight knowledge. I've also started to align everything I need to start a career in aviation. I was accepted into Vermont State University's VAST program for Professional Pilot Technology, an early college opportunity where you graduate with an ATP license. I'm looking forward to some nice summer days of flying!

Calla Senesac, High School Aviator

Hello wonderful people! I haven't had a flight lesson in a while because my instructor has been on vacation but I'm excited to get back into it. In my last one we went over emergency procedures for the first time (ABCDE). I found it the tiniest bit funny that when faced with an engine failure you need to find the right checklist in your book. There's one page on it that talks about the checklist but then it tells you to flip to a different page for the actual checklist. I don't know about you, but if I'm ever in an engine failure I wouldn't want to have to flip through a bunch of pages to find the actual checklist. Lately I've been studying on Sporty's and trying to understand some fuzzy concepts. I've been having some difficulties with scheduling my drivers ed test but once I get my license, I can drive myself to multiple lessons a week, which will definitely help with information retention.

Miranda Gallagher, High School Aviator

This month I started my ground school training for the NY Wing Flight Academy this summer. It's through the Civil Air Patrol. NYFA is held in Syracuse, NY, myself and 7 other CAP cadets will be attending. I'm really excited and I hope it won't interfere too much with my new internship at Heritage Aviation over the summer. I talked to my mentor from BETA, Steve Beams, about it earlier this month and closed my internship there with a presentation for my BETA mentors, my school



advisor, Beth White, and my mom. I have to say, in the best possible way, BETA ruined me for any other job. The community that BETA has built has done nothing but get me even more hooked on maintenance and aviation in general. I am also a member of Women in Aviation (WAI), and we had a meeting at Heritage Aviation, where I got to meet some really amazing women. We started planning all sorts of activities to bring even more women into our aviation community. Needless to say, it's been a good month and I'm excited to see what comes next.

Memphis Everest, High School Aviator

This has been an interesting month, because although I haven't been up in the air, I have been productive in regards to aviation nonetheless! While I was submitting an application to VAST for their Professional Pilot Technologies program, I tallied up how many hours I had. I realized I had more than I needed for my instruction time and that I needed to get everything ready for my solo, so I completed my IACRA student pilot application. I completed my 3rd class medical check! I'm excited because my next flight lesson will be working on preparing me for my solo! It's so cool to think that I'm almost done!

Gabe Merrill

I am doing my ground school as of now and I recently turned 16, which means I can soon help step up my commitment to learning how to fly. Although I haven't been able to fly very much in the last month, I have been attempting to get to the point where I can finish the in ground school test with above 80% accuracy and be done with that so I can get to the next thing in my career. Even if Icarus flew too close to the sun he forgot to set his altimeter to 29.92 inches after getting into class A airspace this is why he failed to find Boston International. After all the flying I have done so far, what amazes me is that there is so much I do not know and hopefully I can learn it all.

Maxwell Hochschild

Over the last couple months, I've been flying more often with my instructor, Ed. We've been working on patterns, takeoffs, and landings (and dealing with crosswinds). I'm planning to take the FAA written exam by July 1st, and I've been flying more often with Ed in order to get ready to solo sometime between now and July.

Ian DeVries

Finals are finished, and I am home free! With my second year of college behind me, I look forward to everything in store for me this summer. I plan to flight instruct at Vermont Flight Academy and work part-time lifeguarding at Button Bay State Park. I'll be busy, but I won't have any lack of excitement!

This past spring semester, I had the opportunity to intern at Beta Technologies, one of the leading companies developing electric aircraft. I had the pleasure to work with a lot of cool people and awesome pilots. It was a unique, valuable experience, and I learned a lot that will further me in my future aviation career. I even got to fly a helicopter for the first time while I was there! Here's a pic of a flight I had in Beta's Piper Cub!

Spencer Levi

This April has been chaotic with the closing of Franklin county airport. The plane that I do my flight training in (150VT) moved to Morrisville and so did my CFI Ryan. I have flown at MVL a number of times now and I like some aspects of the new location like the wider runway and dislike others like the lack of fuel. The fact that there is no fuel available means that every lesson we have to fly to Newport every lesson. I want to have the opportunity to practice as many landings as possible so that I can solo. I was happy to discover that the state decided to put in fuel at Morrisville and are hoping to have it ready to go in a week or two. I am planning on taking lots more lessons this summer and am looking forward to it. I miss being able to see everybody at the pancake breakfasts and hope FSO can reopen ahead of schedule (fingers crossed). I hope everybody has had a good spring and hope to see you

Calling All Volunteers for our June 10th Young Eagle Rally!!! Miguel Marin, YE Coordinator

Our first YE rally is around the corner, and we need volunteers! The first event will take place at BETA's facility in KPBG on Saturday 10 June 2023. We are looking for pilots and ground volunteers that can help with registration and other logistics for the event.

- As a reminder for pilots, these are the minimum requirements to fly at YE events:
- Have a valid airman's certificate (sport pilot or greater).
- Possess a current medical certificate or Basic Med (if applicable).
- Be current to carry passengers in the aircraft you plan to use.
- Have a current biennial flight review.
- Conduct flights in an aircraft that is in airworthy condition.
- Have Aircraft Passenger Liability Insurance for the aircraft used (owned, rented, or borrowed).
- Adhere to all applicable Federal Aviation Regulations.
- Attend the safety briefing for the event.

Renewed Letter of Authorization (LOA) for the FRASCA Flight Training Device

We have the new LOA for the Chapter's FRASCA flight training device. A current LOA is required for users to legally log their time. The new LOA is valid from November last year so training time logged during that time may also be logged. Our thanks to Bill Morelli and Miguel Marin for their efforts in keeping the FRASCA running, and legally authorized.

Accelerated Multiengine Training Opportunity

Hello fellow aviators!

If anyone (or anyone you know) is looking for multi-engine ratings, or to build multi engine time, Learn 2 Fly CT (which I am a part of and organizing) is offering accelerated 3 day multi engine rating courses, as well as time building packages.

Pass the word and have anyone contact me at

978-460-2298 if interested! We are also offering a special promotion at this time.

Ashley Yarnell, CFI-I/MEI/AGI





CHAPTER OFFICERS AND COMMITTEE MEMBERS

President	Phone	Address	e-mail		
John Fitzgerald	802-249-1775	4345 West Shore Road Unit 1 Alburgh, VT 05440	popiou@aol.com		
Vice President					
Miguel Marin	518-335-9220	3940 Ch. de la Côte-des-Neiges apt. C43,			
		Montreal QC H3H 1W2	Miguel@emarin.org		
Treasurer					
George Coy	802-363-5782	116 St. Albans Rd. Rd. Swanton VT 05488	George.coy@gmail.com		
Secretary					
Marge Butterfield	802-878-6337	721 North Williston Rd, Williston VT 05495	airbear9fj@gmail.com		
Youth Aviation Program Committee					
Beth White, Chairperson	802-598-6408	95 Eagle Mtn Harbor Road. Milton, VT 05468	vermontcarrot@gmail.com		
Kyra Becker			kyratwin7@gmail.com		
George Coy	802-363-5782	116 St. Albans Rd. Rd. Swanton VT 05488	George.coy@gmail.com		
John Fitzgerald	802-249-1775	4345 West Shore Road Unit 1 Alburgh, VT 05440	popiou@aol.com		
Frank Gibney	802-879-7419	1147 Sunset View Rd. Colchester VT 05446	gibneyf@gmail.com		
Ed Scott	802-373-2078	8 Robbins Mtn. Rd. Richmond, VT 05477	alwaysoar@yahoo.com		
Young Eagles Coordinator					
Miguel Marin	518-335-9220	3940 Ch. de la Côte-des-Neiges apt. C43,			
		Montreal QC H3H 1W2	Miguel@emarin.org		
Activities Director					
Chris Chicoine	802-238-6035		chicoine51@gmail.com		
Flight Advisor					
Hobie Tomlinson	802-363-3411	1130 Airport Dr. So. Burlington, VT 05403	hobietw@attn.net		
Technical Counselors					
John Butterfield	802-878-6337	721 North Williston Rd, Williston VT 05495	airbear9fj@gmail.com		
Clifford Coy	802-868-2822	629 Airport Rd. Swanton, VT 05488	cliff.coy@gmail.com		
Bill Morelli	802-527-6318	105 Brick Church Road, Fairfax, VT 05454	billvt1@gmail.com		
Newsletter Editor					
John Butterfield	802-878-6337	721 North Williston Rd, Williston VT 05495	airbear9fj@gmail.com		
Chapter Web Site Editor					
John Butterfield	802-878-6337	721 North Williston Rd, Williston VT 05495	airbear9fj@gmail.com		

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EAA CHAPTER 613

721 North Williston Rd

Williston VT 05495

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FIRST CLASS MAIL

