



Volume 24 – 11

www.FlyingClub1.org

November 2024



The Privileged View

Steve Beste, President

Lean, mean cross-country machine. I don't think of powered parachutes as cross-country machines. But here is **Jim VanKirk** landing his Powrachute Airwolf 912 PPC at Sky Bryce last month.



Jim VanKirk and his fiancée Marcie Yager at Sky Bryce



Jim and Marcie flew over from Jim's place in the south end of the Fort Valley. His airstrip is short (600'), on a ridge top, almost inaccessible by car, and subject to all the usual Fort Valley turbulence when the wind blows across the ridges. This was Jim's first cross-country trip.



16 miles to Sky Bryce as the PPC flies



Jim VanKirk, Marcie Yager, Lucy Ooi and Paul Kosubinsky at Sky Bryce

I wonder if anyone has gotten their Ambassador jacket in a PPC? Yesterday Sky Bryce, tomorrow Tangier Island!

Fly safely,
Steve



Lucy Ooi departing Sky Bryce in Rudolph, her Aeronca Champ

The Challenger II Project

By Shawn Lillemo

LCDR “Short Round” Abriam at Dahlgren has offered his Challenger II project to the Club if we’ll help him finish it. Shawn Lillemo has stepped up to be the project lead.

The project is now at my house just north of Culpeper. We held the November meeting there so members could see the plane and kick the tires.



Prospective builders at Shawn Lillemo’s house



Kicking the tires

There was considerable interest among the meeting participants.

- **Help.** Project lead Shawn has begun recruiting a cadre of helpers. **To get involved**, call or text **Shawn Lillemo** at 757-737-2946. His address is 14142 Rixeyville Road, Culpeper, VA 22701.
- **Advice.** Experienced builders **Jackie George**, **Sean Roe** and **Bob Chapman** inspected the work, exchanged notes, and offered advice.
- **Floats.** Short Round originally wanted to keep the floats on the plane through Phase 1. He now agrees to put the plane on wheels to that point, but to hang onto the floats. This will simplify construction and Phase 1 flying.
- **Instruments:** **Sean Roe** said that he will donate a Grand Rapids EIS that he has. **Stephen Waide** showed people the digital instruments that a friend of his makes. Perhaps one of those should go in the plane?
- **Bills of Sale.** Originally, Short Round did not have the bills of sale for all the previous sales of the project. These must be obtained before the FAA will register the aircraft. Short Round reports that he has gathered the materials necessary for a waiver from the FAA and has submitted it.
- **Money.** Completing the project will require some cash outlays, such as \$1,000 to a DAR to certificate the finished plane. Short Round wrote that he will pay whatever outlays are needed to finish the project.
- **EAA Tech Inspection.** EAA chapters have technical advisors who will inspect airplane build projects. Since **Shawn** is a member of EAA Chapter 186, he will arrange for that inspection.



Arvind Singh and Shawn Lillemo have the engine, muffler, and radiator installed

As it's gotten colder, I enclosed the build space so that we can keep the plane builders warm!



November Progress

Mounted the engine, starter, radiator, and propeller reduction drive.





Whats Next?!

- December: Wiring, gauges, EIS → First Engine Start!
- January: Skin Fuselage and Mount Wings
- February: Paint and EAA Advisor inspections
- March: DAR, Paperwork, and final squawks
- April: PHASE 1 Flight Testing (40 hours)!

I plan to be building most evenings and weekends. So if you'd like to help, shoot me a text or give me a call on my cell 757-737-2946!

Resources

- Short Round's YouTube channel: <https://www.youtube.com/@aviationadventures4kids>
- Shawn's Build Discord Channel: <https://discord.com/channels/1306630140578500668>
- Factory Build Instructions: <https://www.challenger.ca/manuals/assy-std/>

Parts Needed Now – Do you have any of these to spare?

To test start the engine (Hopefully this month!):

- Wiring harness for a Grand Rapids Engine Instrument System (Sean Roe is donating the EIS itself)
- 2 x EGT probes (G2153F) [like this](#)
- 2 x CHT senders (G2145) [like this](#)
- Exhaust 90° Connecting Elbow w/Hooks (973 182) [like this](#)
- 6 x Exhaust springs (938 790) [like this](#)
- 2 x Exhaust manifold gaskets (850 633)
- 2 x Exhaust studs and nuts (999 501) [like this](#)
- 2 x exhaust bolts (840 991)
- 8 x A8 lock washers (945 752)
- 2 x Bing 54 Remote Choke Kit (995 665) [like](#)
- 2 throttle cable adjustment screws (241 440) [like this](#)
- Throttle cable boots 260-370 [like this](#)
- 6 prop bolts (researching...)
- 582 Air Filters
- Antifreeze
- 2 stroke oil

Other News

Lost Griz (7VG0). Jackie George and Stephen Waide report that:

- Owner Matt Christensen is putting a culvert under the low point of the paved runway strip. This will eliminate flooding that happens there. The airport is closed while the work is being done.
- Matt has built a beautiful open pavilion in the circle where we used to meet.
- Matt plans to start a hang glider scooter-tow operation at the field, no date known.
- The hangar situation is unclear. A couple of tenants have left, there are open hangars, and supposedly a waiting list. But Matt has not moved to fill the hangars, so it's unclear what his intentions are.

Warrenton-Fauquier Airport (KHWY). Airport Director Dave Huss presented news and plans for the airport at a town hall meeting. These include:

- A new small flight school has opened on the field – Red Cardinal Aviation, with two Cessna 150s.
- They're exploring how to make the Grumman Albatross into a B&B operation.
- New hangars. The plan is to add 24 T-hangars and 4 box hangars with availability in early 2026.
- They must eventually demolish the old T-hangars. No date set.

Bob Eaheart memorial page. I have added Bob Eaheart to the memorial page on the Club website. You get there by clicking the very last link at the bottom of the sidebar, [Departed Members](#).

Jim Hill's Airplane – How the Story Ended

By Tim Loehrke

After more than 25 years of building at Lost Griz, Jim Hill and partner Gil decide to sell their Fisher Celebrity biplane project. After months without a sale it was purchased by Juan Cuevas, President of Potomac Architectural Millwork Corporation. Juan appreciates the craftsmanship and bought the plane to hang in his factory in Woodbridge VA.

His display is amazing. He planned to sell the Rotec Rally motor but he told me the plane deserves to have that as part of the display.



Quiz

By Steve Beste

Last month. Congratulations to **Bob Chapman** and runner-up **Stephen Waide**, who guessed that this facility just south of Culpeper is the Library of Congress' National Audio-Visual Conservation Center. It started life as a cold war emergency bunker and now stores the LoC's huge audio-visual collection. Read the building's fascinating backstory on [Wikipedia](#) and the [LoC](#) website.



If you live out that way, attend one of their many free showings of classic films. Check out their [schedule](#).

This month. I-66 has this truck rest plaza that was never finished. Only the roads were made. Today, it's being used as a staging area for some construction equipment.

Tell me which two exits on I-66 this is between. For extra credit, tell me *why* it's unfinished.



Activities – 2025

Club meetings are generally held on the second Saturday of every month at the [Warrenton-Fauquier Airport](#) (KHWY). Other events are as scheduled below. But please check the home page of the Club [website](#) to make sure there hasn't been a change of time or place.

<i>Date</i>	<i>Event</i>	<i>Location</i>
Saturday, December 7 th 2024, Noon-3pm	Holiday Party	The terminal building at the Warrenton-Fauquier Airport
Saturday, January 11 th 2025, 11am	Fly-in and winter Club meeting	The terminal building at the Warrenton-Fauquier Airport
Saturday, February 8 th , 11am	Fly-in and winter Club meeting	The terminal building at the Warrenton-Fauquier Airport
Saturday, March 8 th , 11am	Fly-in and winter Club meeting	The terminal building at the Warrenton-Fauquier Airport
Saturday, April 12 th , 11am	Fly-in and Club meeting with lunch	The terminal building at the Warrenton-Fauquier Airport
Saturday, May 10 th , 11am	Fly-in and Club meeting with lunch	The terminal building at the Warrenton-Fauquier Airport
Saturday, June 14 th , 8am	Poker Run	Assembly field TBD
Saturday, June 14 th , 11am	Fly-in and Club meeting with lunch	The terminal building at the Warrenton-Fauquier Airport
Saturday, July 12 th , 11am	Fly-in and Club meeting with lunch	The terminal building at the Warrenton-Fauquier Airport
Saturday, August 9 th , 11am	Fly-in and Club meeting with lunch	The terminal building at the Warrenton-Fauquier Airport
Saturday, September 13 th , 11am	Fly-in and Club meeting with lunch	The terminal building at the Warrenton-Fauquier Airport
Saturday, October 11 th , 11am	Fly-in and Club meeting with lunch	The terminal building at the Warrenton-Fauquier Airport
Saturday, October 25 th , 9am	Color Run – Front Royal to Luray	Gather at the Front Royal Airport
Saturday, November 8 th , 11am	Fly-in and Club meeting with lunch	The terminal building at the Warrenton-Fauquier Airport
Saturday, December 6 th , Noon-3pm	Holiday Party	The terminal building at the Warrenton-Fauquier Airport

This Month's Fly-In Destinations

Check out these sources for fly-ins:

- ♦ [EAA Calendar of Events](#),
- ♦ www.socialflight.com,
- ♦ funplacestofly.com
- ♦ [Virginia Department of Aviation Calendar of Events](#).

<i>Date</i>	<i>Event</i>	<i>Location</i>	<i>Distance</i>

Meeting Minutes

When: November 9, 2024. 11:10am to 12:17pm
Where: **Shawn Lillemo's** house, 14142 Rixeyville Rd., Culpeper, VA
Presiding: Steve Beste, President
Present: 11 people

Visitors & New Members - None

Flying Attendees – None

Recent Flying

- **Steve Beste**, **Lucy Ooi** and **Jim VanKirk** all flew to Sky Bryce for lunch the previous week.

Routine Business

- The Treasurer was sick, so there was no financial or membership report.
- The minutes of the October meeting were approved as published in the newsletter.
- Minutes of the Septmeber meeting were approved as published.

Elections

- VP and Treasurer terms are expiring next month, as are the terms of all three Directors-At-Large. Treasurer **Fabian Georges** has offered to re-up. VP **Allen Whatley** is done. **Lucy Ooi** is also done.
- **Sean Roe** volunteered to stand for VP.

Challenger Build

We met at Shawn's house to give everyone a look at the Challenger II project underway at his place. Discussion covered the points listed in the article above.

50-50 Drawing - None

Food

- **Faith** Lillemo fed everyone in her own kitchen.



Service Providers

If you're looking for help, Club members have had good experience with these people:

- **PPG instructor** and dealer: Brian Goff, 703-963-7389
 - spin2329@gmail.com
 - <https://www.paraflightnc.com/>
- **Aircraft instructor** - CFI: Pete Bastien, 703-568-5778 (Martinsburg, WV)
- **Aircraft instructor** - light sport and seaplane: Chuck Tippett, 540-905-5091
- **Gyroplane Instructor:** Frank Noe, 443-253-7681 (Frederick, MD)
 - frankcanfly@yahoo.com
 - <http://www.gyromoj.com/>
- **Machinist:** Luther Taylor, 540-222-3927 (Culpeper)
- **Welder:** Luther Taylor, 540-222-3927 (Culpeper)
- **A&P mechanic/IA:** JD Ingram, 513-388-6312
- **Light Sport Condition Inspections, Rotax Certified:** Tim Loehrke, 703-618-4005
- **A&P mechanic specializing in tube & fabric**, based at CJR: Air Knocker Aviation (Abe Makely, Saverio Gambassi) 571-309-7023. airknockeraviation@gmail.com
- **Instructors.** See the [instructors page](#) on the Club website.

Membership Dues Policy

The period of membership is the calendar year: January through December. Renewals can be sent in starting in October for the upcoming year. Members who have not paid their dues by the end of February will be dropped effective March 1 and will not receive the newsletter or the membership roster.

Dues are \$20 per year. But if more than one family member is active in the club, then a family membership covering both of them can be had for \$25. Please:

- Join online at <https://www.flyingclub1.org/join/join.php> or
- Make your check out to **Flying Club 1**
- Mail it to **Fabian Georges**
 - P.O. Box 5322
 - Springfield, VA 22150
- Include a copy of the membership application on the next page (and is available on the club website). That's our way of keeping your contact information up to date.

Flying Club 1 General Information

At 50 members or so, we are the center for powered light flying in Northern Virginia, USA. If you are new to light flying, this is the place to see real aircraft and talk to live people. If you're an old hand, this is the place to share your experience and get local information.

Flying Club 1 is a non-profit hobbyist organization. The club aims to promote safe light powered recreational flying by giving support, advice, and encouragement to everyone interested in the sport.

2024 Officers & Directors

President	Steve Beste	President@FlyingClub1.org	703-321-9110
Vice President	Allen Whatley		571-235-6978
Secretary	VACANT		
Treasurer	Fabian Georges	Treasurer@FlyingClub1.org	714-661-8800
Director At Large	Pete Bastien		703-568-5778
Director At Large	Michael Bishton		301-320-9542
Director At Large	Lucy Ooi		585-410-5573

2024 Volunteer Staff

Webmaster	Steve Beste	Webmaster@FlyingClub1.org	703-321-9110
Membership	Fabian Georges	Membership@FlyingClub1.org	714-661-8800
Newsletter	Steve Beste	Editor@FlyingClub1.org	703-321-9110
Club Artist	Jim Heidish		703-524-5265

Dues

- Memberships are for the calendar year. Dues are \$20 for individuals, \$25 for families (when more than one member of the family is active in the Club).

Website

- <http://flyingclub1.org>

Meetings

- Club meetings are generally held on the second Saturday of every month at the [Warrenton-Fauquier Airport](#) (KHWY). But please check the home page of the Club [website](#) to make sure there hasn't been a change of time or place.

Newsletter

- The newsletter is published monthly by email prior to the monthly meetings.
- **Submitting items for the newsletter:** Members and non-members are encouraged to submit items for this newsletter. Send submissions to Editor@FlyingClub1.org by the end of the first weekend of the month.